DEFENSE THREAT REDUCTION AGENCY
8725 JOHN J. KINGMAN ROAD, STOP 6201
FORT BELVOIR, VA 22060-6201

April 28, 2022

Sainath Suryanarayanan
US Right to Know
4096 Piedmont Ave. #963
Oakland, CA 94611-5221

Re: FOIA Request No.: 20-063

Dear Mr. Suryanarayanan:

This the fifth interim response to your Freedom of Information Act (FOIA) request perfected on August 31, 2020, and assigned FOIA case number 20-063 by the Defense Threat Reduction Agency (DTRA). You requested asking for the following:

1. Containment failures and/or accidental or deliberate release of biological agents in dual-use biosafety research, along with assessments of the risks, hazards and efficacy of BSL-2, BSL-3 or BSL-4 containment schemes and/or assessments of the potential flaws or failings and weaknesses, in BSL-2, BSL-3 or BSL-4 research facilities in Armenia, Azerbaijan, Canada, China, Egypt, France, Germany, Georgia, India, Iran, Israel, Kazakhstan, Malaysia, the Netherlands, Pakistan, Russia, South Africa, Taiwan, Ukraine, the United Kingdom, and/or Thailand.
2. Contracts, grants, grant proposals and communications about funding between DTRA staff and EcoHealth Alliance staff about specific contracts and/or grants awarded by DTRA to EcoHealth Alliance, since January 1, 2014.
3. Contracts, grants, and communications about funding between DTRA employees and employees of Metabiota, Inc. pertaining to specific contracts and/or grants awarded by DTRA to Metabiota, Inc. since January 1, 2013.

In a letter dated February 16, 2022, you received an interim response with copies of documents responsive to the second item of your request totaling 2,790 pages. Specifically, the responsive documents pertained to the following contracts, grants, and communications between DTRA staff and EcoHealth Alliance: HDTRA113C0029, HDTRA115C0041, HDTRA11910033, HDTRA11410029, HDTRA11710037.

In a letter dated March 16, 2022, you received a second interim response with copies of documents responsive to your request totaling 875 pages. Specifically, the responsive documents pertained to the following contracts, grants, and communications between DTRA staff and EcoHealth Alliance: HDTRA12010016 and HDTRA12010018.

In a letter dated March 31, 2022, you received a third interim response with copies of documents, which are also responsive to items 2 and 3 of your request, totaling 1,132 pages. Specifically, the responsive documents pertain to the following contracts, grants, and communications between DTRA staff and EcoHealth Alliance: HDTRA11410029, HDTRA11710064, HDTRA11710037, HDTRA11910033, HDTRA12010016, HDTRA12010018, as well as Metabiota, Inc.: HDTRA112C0024, HDTRA11410052, HDTRA11410053.

In a letter dated April 15, 2022, you received a fourth interim response with copies of documents, which are responsive to item 3 of your request, totaling 1,216 pages. Specifically, the responsive documents pertain to contract HDTRA114C0104.

In this fifth interim release, we enclosed copies of documents, which are responsive to item 3 of your request, totaling 1,499 pages. Specifically, the responsive documents pertain to contract HDTRA114C0104.

These documents are being released to you in part. Some information is being withheld under FOIA Exemptions 4 and 6. Exemption 4 of the FOIA protects trade secrets and commercial or financial information obtained from a person that is privileged or confidential. Exemption 6 applies to information, which, if released, would constitute a clearly unwarranted invasion of the personal privacy of an individual.

Please be advised that the search for and review of documents responsive to the remaining requests are still ongoing. We will provide the additional responsive documents to you in the sixth release. A final response letter containing all applicable appeal language will be sent to you at the completion of the production of documents, which we anticipate will be on May 15, 2022.

Determinations for this interim release were made by the Initial Denial Authority (IDA), Mr. Earl Washington, Chief, Records Management, FOIA, and Privacy Act Division / DTRA Records Officer, Information Management and Technology Directorate, on behalf of DTRA. If you consider this decision to be an adverse determination, you may file a written appeal that is postmarked no later than 90 calendar days after the date of this letter to the Deputy Director, Defense Threat Reduction Agency, Information Management and Technology Directorate, ATTN: FOIA/PA Office, 8725 John J. Kingman Road, MSC 6201, Fort Belvoir, Virginia 22060. The appeal should reference the FOIA/Privacy Act case number, contain a concise statement of the grounds upon which the appeal is brought, and a description of the relief sought. A copy of this letter should also accompany your appeal. Both the envelope and your letter should clearly identify that a Freedom of Information Act and/or a Privacy Act Appeal is being made.

Should you have additional questions or concerns regarding this case, you may seek dispute resolution services from the DTRA FOIA Public Liaison or the Office of Government Information Services (OGIS). The DTRA FOIA Public Liaison, Mr. Mario Vizcarra, may be contacted by phone at (703)767-1792 or by email at dtrafoiaprivacy@mail.mil. The contact information for OGIS can be found at www.archives.gov/ogis.

Sincerely,

Eugene McGirt

Eugene McGirt
FOIA/Privacy Act Specialist
Freedom of Information/Privacy Act Office

Enclosure(s):
As stated

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Invoice and Narrative 11/01/16-11/15/16

Prepared for:

Prepared by:

METABIOTA

01/15/17

Invoice Summary

Invoice November 1 - November 15 2016

Remit To:

Metabiota, Inc.

425 California St. 2nd Floor

San Francisco

CA

94104

Bill To:

Defense Threat Reduction Agency

8725 John J. Kingman Rd.

Ft. Belvoir

VA

22060-6201

CLIN		CURRENT INVOICE	CUMULATIVE INVOICED
CLIN 1001	$	55,817.67	$2,608,058.23
CLIN 1002	$	153,444.50	$5,984,520.41
CLIN 1003	$	12,323.22	$522,612.85
CLIN 1004	$	1,305.62	$30,049.18
CLIN 1005	$	18,847.64	$341,387.04
TOTAL	**$**	**241,738.65**	**$9,486,627.71**

Active Projects

TD 009 NHLS BS&S Training - South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/2015 – 11/15/2016

CLIN 1002 – Labor

Program Manager:
(b)(6) held email and phone communications with the NHLS team to discuss final project status and closeout. (b)(6) also reviewed, edited, and submitted the NHLS final report/lessons learned document to DTRA/A&AS. Lastly, (b)(6) burned the BS&S videos (CDRL A013) onto two DVDs and hand-delivered the DVDs to (b)(6)

Trainer 1:
(b)(6) participated in email and phone communications with the NHLS team to discuss final project status and closeout. (b)(6) drafted the NHLS final report/lessons learned document.

CLIN 1003 – Materials and Supplies
Material costs invoiced include the purchase of Calipers for the NHLS team to continue with training implementation. This purchase was approved by the Country Manager.

CLIN 1004 – ODCs
No ODC costs are invoiced this period.

CLIN 1005 – Travel
No travel costs are invoiced this period.

FOIA (b)(4)

(b)(4); (b)(6)

TS Pharm Inc.

9770 Research Drive
Irvine, California 92618 U.S.A

Invoice

Date	Invoice #
11/4/2016	161317

Bill To

Metabiota, Inc.
425 California St. #200
San Francisco, CA 94104

Ship To

(b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG PA 17201
FOIA (b)(6)

P.O. No.	S.O. No.	Terms	Conveyance	Ship Via
AEP_001DL	161317	Due on receipt	FedEx	Air

Qty	Item	Description	Rate	Lot No. and Exp. Date	Amount
7	52-085-012	Fowler (52-085-012) Stainless Steel Master Vernier Caliper	120.00	B0049C93EY(NA)	840.00
7	igaging-caliper	iGaging 8" Digital Outside Caliper	30.00	X000GCY43H(NA)	210.00
1	Freight	Delivery/Shipping	83.00		83.00
		Total of 1 Carton - Total Weight of 18 lbs			

IF THERE ARE ANY DISCREPANCIES WITH THIS INVOICE, PLEASE CONTACT US WITHIN 10 DAYS OF RECEIPT OF ITEMS! NO EXCEPTIONS!! THANK YOU FOR YOUR COOPERATION

All prices are in US Dollars
Authorized Signature: (b)(6)

Total C.I.F.	USD 1,133.00
Payments/Credits	USD 0.00
Balance Due	USD 1,133.00

TS Pharm Inc.

9770 Research Drive
Irvine, California 92618 U.S.A

Packing Slip

Date
11/4/2016

Bill To
Metabiota, Inc. 425 California St. #200 San Francisco, CA 94104

Ship To
(b)(6) 1051 SHETTLER DR STE C CHAMBERSBURG PA 17201 FOIA (b)(6)

P.O. No.	Order No.	Prepared By	Delivery Method	Delivered By
AEP_001DL			FedEx	

Qty	Item	Description	Lot No and Exp. Date
7	52-085-012	Fowler (52-085-012) Stainless Steel Master Vernier Caliper	B0049C93DY(NA)
7	igaging-caliper	iGaging 8" Digital Outside Caliper	X000GCY43H(NA)
1	Freight	Delivery Shipping	
		Total of 1 Carton - Total Weight of 18 lbs	

TD 013 One Health Epidemiology Training - Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015 – 11/15/2016

CLIN 1002 – Labor

Program Manager:
Metabiota Regional Africa Program Manage(b)(6) worked to develop and submit a project training summary and facts sheet detailing all training activities at the request of DTRA CBEP country manage(b)(6) In support of this effort(b)(6) eld a final conference call with in country performer, CDC-Uganda. He also continued to communicate with DTRA CBEP Uganda representation during this time on an as needed basis.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No DBA costs are invoiced this period.

CLIN 1005 – Travel
Travel costs incurred this period include the final cost for lodging for FOIA (b)(6) in September for the final training not previously invoiced.

Metabiota
TD 013 One Health Epi
CLIN 1002 Labor
[redacted]

(b)(4); (b)(6)

METABIOTA

Lost or Missing Receipt Form

Vendor:

Laico Lake Victoria Hotel, Entebbe, Uganda

Description of Expense:

Accommodation for 2 Metabiota staff members (b)(6) white in transit from Entebbe, Uganda to Fort Portal, Uganda.

Date:

Check in Saturday 9/17/16, check out 9/18/16 (date of payment)

Amount:

330.00 USD

Project:

AEP TD-013, One Health Epidemiology Uganda, Cohort 11 Module 2

Reason for Missing Receipt:

I believe the paper receipt was lost in transit after being collected from the hotel on the morning of 9/18/16.

METABIOTA

Signature of Program Manager: (b)(6)

Date: 30 November 2016

Printed Name (b)(6)

Signature of Employee: (b)(6)

Date: 11/29/16

Printed Name: (b)(6)

TD 016 Georgia GIS

Objectives
Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15 – 11/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) held email and phone communications with the University of Florida (UF) GIS team to discuss project status and administrative and technical issues including project closeout (b)(6) further reviewed administrative documents, including invoices, quad charts, and other reporting documents. (b)(6) (b)(6) also communicated with LMA to inquire about the status of data for the GG-20 effort and encourage participation in the GoToMeeting mentorship sessions. (b)(6) also participated in email and phone communications with DTRA/A&AS to discuss project status. (b)(6) rafted and submitted the final report/lessons learned document for this effort.

Subject Matter Expert 1:
(b)(6) articipated in email and phone communications with University of Florida team to discuss project status and administrative and technical issues. (b)(6) also drafted and assisted drafting of other administrative and reporting documents for this effort including monthly reports, quad charts, and financial summaries. (b)(6) also participated in email and phone communications with DTRA/A&AS to discuss project status.

Subject Matter Expert 2:
(b)(6) participated in email and phone communications with (b)(6) to discuss project status. (b)(6) provided oversight to the UF team on all aspects of the project, including UF administrative issues and the GIS spatial epidemiology expertise required for the three CBR projects. (b)(6) lso participated in CBR project calls with the greater CBR project teams. (b)(6) ontinued working on developing the vignettes and other documentation for the R package.

Research and Data Analyst:
(b)(6) participated in email and phone communications with (b)(6) o discuss project status. (b)(6) continued working on the R package encapsulating GIS spatial epidemiology algorithms and routines and investigated two routes of distribution, GitHub and CRAN. (b)(6) further assisted (b)(6) n finishing the vignettes for sample testing of the R package. (b)(6) assisted in testing the R package using data from GG-19. (b)(6) lso held a GoToMeeting mentorship session with the Georgian scientists to help them understand the process of analyzing the data from the CBR projects. (b)(6) further worked on analyzing data from GG-19 and assisted (b)(6) on the outlining of the manuscript for GG-19. A credit is applied for (b)(6) after receipt of a final invoice from the subcontractor.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No ODC costs are invoiced this period.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota						
TD 016 Georgia GIS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

TD 017 Georgia SME Grantsmanship

Objectives
Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. Metabiota will provide guidance on understanding direct/indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/15 – 11/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) eld email and phone communications with Avila Scientific to discuss project status and any ongoing issues (b)(6) along with (b)(6) reviewed subcontractor invoices and reports. (b)(6) (b)(6) lso reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports (b)(6) eviewed, edited, and submitted the trip report for the late October/early November mentoring trip (b)(6) lso reviewed, edited, and submitted the final report/lessons learned document for this effort to DTRA on November 15.

Subject Matter Expert 1:
(b)(6) participated in email and phone communications with Avila Scientific to discuss project status and any ongoing issues (b)(6) reviewed subcontractor invoices and reports. (b)(6) (b)(6) also drafted reporting instruments including quad charts, invoicing, and monthly reports further drafted the final report/lessons learned document for this effort.

Subject Matter Expert 2:
(b)(6) participated in email and phone communications with (b)(6) to discuss project status and any ongoing issues (b)(6) conducted in-country grantsmanship mentoring with LMA scientists. She worked with them on identifying collaborators, developing full proposals, budgeting, and responding to reviewer comments. She also assisted them with understanding some of the mechanical processes of applying to grant opportunities (b)(6) drafted the trip report for the late October/early November mentoring trip and provided some insights to the final report/lessons learned document for this effort (b)(6) so drafted reporting instruments including invoices and reports.

Trainer 2:
(b)(6) n conducting in-country grantsmanship mentoring of LMA scientists. She worked with them on the coordination aspects of the grant application process, in identifying collaborators, and developing budgets.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No ODC costs are invoiced this period.

CLIN 1005 – Travel

Travel costs invoiced this period include the final close out travel for Avila's last trip to Tbilisi at the end of October to early November. Flight costs were previously invoiced.

Metabiota			
TD 017 Georgia SME			
CLIN 1002			
[redacted]	[redacted]	[redacted]	[redacted]

(b)(4); (b)(6)

[redacted]

AVILA SCIENTIFIC

EXPENSE REPORT

Name: (b)(6)

Employee ID: 16013

Expense Report: 1611001

M&IE: http://apprais.state.gov/web920/per_diem.asp

GSA Mileage: $0.54 per mile

Country Name	Primary Destination	County	Season End	Maximum Lodging Rate	M & IE Rate	Maximum Per Diem Rate
GEORGIA	Tbilisi		31-Dec-16	$ 236.00	$ 105.00	$ 341.00

AMOUNT DUE AEP: $ 3,569.73

TRIP	TRAVELLER	TOTAL	START DATE	END DATE	DEFAULT LOCATION	DESCRIPTION
Georgia: Oct/Nov 2016	FOIA (b)(6)	$ 3,569.73	22-Oct-16	3-Nov-16	Tbilisi, Georgia	Metablota Grantsmanship mentoring oversight

PROJECT	WBS	PERCENTAGE	Charge
Metablota (2015-22-DTRA)	Travel	100.0%	$ 3,569.73

TOTAL $ 3,569.73

Date	Travel Item	Cost	Payment Type	Description
22-Oct-16	Mileage	36.72	CASH	410 E Main St, Christiansburg, VA to Roanoke Regional Airport (Round Trip)
	M&IE	78.75	CASH	M&IE Tbilisi (75% first day of travel)
23-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	196.10	AMEX	Hotel (AMEX XRATE $1 = 2.425003 GEL)
24-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	196.10	AMEX	Hotel (AMEX XRATE $1 = 2.415003 GEL)
25-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	197.13	AMEX	Hotel (AMEX XRATE $1 = 2.415003 GEL)
26-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	197.83	AMEX	Hotel (AMEX XRATE $1 = 2.415003 GEL)
27-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	199.42	AMEX	Hotel (AMEX XRATE $1 = 2.415003 GEL)
28-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	199.41	AMEX	Hotel (AMEX XRATE $1 = 2.415003 GEL)
29-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	199.51	AMEX	Hotel (AMEX XRATE $1 = 2.415003 GEL)
30-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	199.51	AMEX	Hotel (AMEX XRATE $1 = 2.415003 GEL)
31-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	199.51	AMEX	Hotel (AMEX XRATE $1 = 2.415003 GEL)
1-Nov-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hote	199.49	AMEX	Hotel (AMEX XRATE $1 = 2.415003 GEL)
2-Nov 16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	199.78	AMEX	Hotel (AMEX XRATE $1 = 2.415003 GEL)
3-Nov 16	M&IE	78.75	CASH	M&IE Tbilisi (75% last day of travel)
	Mileage	36.72	CASH	410 E Main St, Christiansburg, VA to Roanoke Regional Airport (Round Trip)

(b)(6)

3569.73

4220.44

7,790.17

Amount due to card 2,183.79

Amount due to employer 1,385.94

By signing this statement, I certify that I have followed all Avila Scientific company expense reporting policies.

Expense report submitted by: (b)(6) Date 11/17/2016

Expense report approved by: Date 11/17/2016

MARRIOTT

FOIA (b)(6)

United States

INFORMATION INVOICE

Date : 02-11-16

Folio No. :

Guest Nam (b)(6)

Room No. : 508
Arrival : 23-10-16
Departure : 03-11-16
Page No. : 1 of 2
Cashier No. : 1032
Conf No. : 93783972
MRW No. : (b)(4); (b)(6)

Date	Text		Charges GEL	Credits GEL
23-10-16	Accomodation, BIN	200 USD / .422315131551=473.5800(	473.58	
23-10-16	VAT 18%		85.24	
24-10-16	Accomodation, BIN	200 USD / .422315131551=473.5800(	473.58	
24-10-16	VAT 18%		85.24	
25-10-16	Accomodation, BIN	200 USD / .420115111541=476.05995	476.06	
25-10-16	VAT 18%		85.69	
26-10-16	Accomodation, BIN	200 USD / .418620227729=477.7600(	477.76	
26-10-16	VAT 18%		86.00	
27-10-16	Accomodation, BIN	200 USD / .415282392027=481.59995	481.60	
27-10-16	VAT 18%		86.69	
28-10-16	Accomodation, BIN	200 USD / .415299638689=481.5800(	481.58	
28-10-16	VAT 18%		86.68	
29-10-16	Accomodation, BIN	200 USD / .415092773235=481.81995	481.82	
29-10-16	VAT 18%		86.73	
30-10-16	Accomodation, BIN	200 USD / .415092773235=481.81995	481.82	
30-10-16	VAT 18%		86.73	
31-10-16	Accomodation, BIN	200 USD / .415092773235=481.81995	481.82	
31-10-16	VAT 18%		86.73	
01-11-16	Accomodation, BIN	200 USD / .415127236498=481.77995	481.78	
01-11-16	VAT 18%		86.72	
02-11-16	Accomodation, BIN	200 USD / .414542138208=482.4600(	482.46	
02-11-16	VAT 18%		86.84	
02-11-16	VAT Exempt		-949.29	
	Tax exempt Ch2nhill			
02-11-16	Manual - AMEX			5,273.86

I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company or association fails to pay for the part or full amount of these charges.

მე ვაცხადებ, რომ ჩემს არ ვარიდებ ანგარიშის გადახდას და პირადად ვიღებ პასუხისმგებლობას, რომ აღნიშნული პიროვნება, კომპანია ან ასოციაცია გადაიხდის დანახარჯებს მთლი ოდენობით.

Guest's signature/სტუმრის ხელმოწერა

TBILISI MARRIOT HOTEL
13, RUSTAVELI AVENUE
0108 TBILISI, GEORGIA (CAUCASUS REGION)
T: 995.32.2779200
F: 995.32.2779210

FOIA (b)(6)

United States

INFORMATION INVOICE

Date : 02-11-16

Folio No. :

Room No.	:	508
Arrival	:	23-10-16
Departure	:	03-11-16
Page No.	:	2 of 2
Cashier No.	:	1032
Conf No.	:	93783972
MRW No.	:	(b)(4); (b)(6)

Guest Name (b)(6)

Date	Text	Charges GEL	Credits GEL
	(b)(4); (b)(6)		
	Total:	5,273.86	5,273.86

Balance	**0.00**	**GEL**
Total incl. VAT	**5,273.86**	**GEL**
Total excl. VAT	**5,273.86**	**GEL**
VAT 18%	**0.00**	

The mentioned total in USD is based on today's currency exchange rate to GEL: 0.4151 USD = 1 GEL
Total amount is: 2189.32 USD
Please be advised, that the mentioned total amount in USD may differ from the amount in USD being charged by your credit card vendor, due to a possible difference in the applied exchange rate to USD.

Your Marriott Rewards Points/Frequent Flyer Miles earned will be credited to your account and will appear on your next statement.

Tell a friend about Marriott Rewards, you'll both get 1,000 points when they stay--up to five friends, five stays each.
That's up to 25,000 points for you. Refer Friends, Get Points! See details at MarriottRewards.com/Friend

Tell a friend about Marriott Rewards, you'll both get 1,000 points when they stay -- up to five friends, five stays each.
That's up to 25,000 points for you Refer Friends, Get Points! See details at MarriottRewards.com/Friend

Merchant ID:
Transaction ID / Amount: 10861472 5273.86
App. Code / Amount: 5273.86

Credit Card # / Ex (b)(4); (b)(6) XX/XX
Capture Method : Manual

I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company or association fails to pay for the part or full amount of these charges.
მე ვადასტურებ, რომ თავს არ ვარიდებ ანგარიშის გადახდას და პირადად ვიღებ პასუხისმგებლობას, რომ აღნიშნული პიროვნება, კომპანია ან ასოციაცია გადაიხდის დანახარჯის მოცლ რაოდენობას.

Guest's signature/სტუმრის ხელმოწერა

0108 TBILISI, GEORGIA (CAUCASUS REGION)
T 995.32.2779200
F: 995 32.2779210

AVILA
SCIENTIFIC

EXPENSE REPORT

Name: (b)(6)

Employee ID: 14002

Expense Report: 1611002

M&IE: http://aoprals.state.gov/web920/per_d_rm.asp

GSA Mileage: $0.54 per mile

Country Name	Primary Destination	County	Season End	Maximum Lodging Rate	M & IE Rate	Maximum Per Diem Rate
GEORGIA	Tbilisi		31-Dec-16	$ 236.00	$ 105.00	$ 341.00

AMOUNT DUE AEP: $ 4,220.44

TRIP	TRAVELLER	TOTAL	START DATE	END DATE	DEFAULT LOCATION	DESCRIPTION
Georgia: Oct/Nov 2016	FOIA (b)(6)	$ 4,220.44	22-Oct-16	4-Nov-16	Tbilisi, Georgia	Metablota - Grantsmanship mentoring oversight

PROJECT	WBS	PERCENTAGE	Charge
Metablota (2015-22-DTRA)	Travel	100.0%	$ 4,220.44

TOTAL $ 4,220.44

Date	Travel Item	Cost	Payment Type	Description
22-Oct-16	Mileage	36.72	CASH	995 W Main St, Christiansburg, VA to Roanoke Regional Airport (Round Trip)
	M&IE	78.75	CASH	M&IE Tbilisi (75% first day of travel)
23-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Transport	26.16	AMEX	Taxi, Airport pick up
	Hotel	196.10	AMEX	Hotel (AMEX XRATE $1 = 2.430002 GEL)
24-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	196.10	AMEX	Hotel (AMEX XRATE $1 = 2.430002 GEL)
25-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	197.13	AMEX	Hotel (AMEX XRATE $1 = 2.430002 GEL)
26-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	197.83	AMEX	Hotel (AMEX XRATE $1 = 2.430002 GEL)
27-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	199.42	AMEX	Hotel (AMEX XRATE $1 = 2.430002 GEL)
28-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	199.42	AMEX	Hotel (AMEX XRATE $1 = 2.430002 GEL)
29-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	199.51	AMEX	Hotel (AMEX XRATE $1 = 2.430002 GEL)
30-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	199.51	AMEX	Hotel (AMEX XRATE $1 = 2.430002 GEL)
31-Oct-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	199.51	AMEX	Hotel (AMEX XRATE $1 = 2.430002 GEL)
1-Nov-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	218.09	AMEX	Hotel (AMEX XRATE $1 = 2.430002 GEL)
2-Nov-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	218.40	AMEX	Hotel (AMEX XRATE $1 = 2.430002 GEL)
3-Nov-16	M&IE	105.00	CASH	M&IE Tbilisi
	Hotel	219.05	AMEX	Hotel (AMEX XRATE $1 = 2.430002 GEL)
4-Nov-16	M&IE	78.75	CASH	M&IE Tbilisi (75% last day of travel)
	Transport	300.00	CASH	Lucky Cab transport from Tbilisi Marriott to LMA (25 Oct - 3 Nov), Hill Airport transport 3 Nov

Amount due to card: 2,466.22

Amount due to employee: 1,754.22

By signing this statement, I certify that I have followed all Avila Scientific company expense reporting policies.

Expense report submitted by: (b)(6) Date: 11/17/2016

Expense report approved by: Date: 11/17/2016

MARRIOTT

FOIA (b)(6)

United States

INFORMATION INVOICE

Date : 04-11-16

Folio No. :

Room No. : 241
Arrival : 23-10-16
Departure : 04-11-16
Page No. : 2 of 2
Cashier No. : 43
Conf No. : 93783174
MRW No. : (b)(4); (b)(6)

Guest Name (b)(6)

Date	Text		Charges GEL	Credits GEL
03-11-16	Accomodation, BIN	220 USD / .413308534821=532.2900(	532.29	
03-11-16	VAT 18%		95.81	
03-11-16	VAT Exempt		-1,073.90	
	VAT Exempt CH2M Hill			
03-11-16	Manual - AMEX (b)(4); (b)(6)			5,966.14
		Total:	5,966.14	5,966.14

Balance	**0.00**	**GEL**
Total incl. VAT	**5,966.14**	**GEL**
Total excl. VAT	**5,966.14**	**GEL**
VAT 18%	**0.00**	

The mentioned total in USD is based on today's currency exchange rate to GEL: 0.4145 USD = 1 GEL
Total amount is: 2473.22 USD
Please be advised, that the mentioned total amount in USD may differ from the amount in USD being charged by your credit card vendor, due to a possible difference in the applied exchange rate to USD.

Your Marriott Rewards Points/Frequent Flyer Miles earned will be credited to your account and will appear on your next statement.

Tell a friend about Marriott Rewards, you'll both get 1,000 points when they stay--up to five friends, five stays each. That's up to 25,000 points for you. Refer Friends, Get Points! See details at MarriottRewards.com/Friend

Tell a friend about Marriott Rewards, you'll both get 1,000 points when they stay -- up to five friends, five stays each. That's up to 25,000 points for you. Refer Friends, Get Points! See details at MarriottRewards.com/Friend

Merchant ID:
Transaction ID / Amount: 10861467 5966.14
App. Code / Amount: 5966.14

Credit Card # / Exp (b)(4); (b)(6) XX/XX
Capture Method : Manual

I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company or association fails to pay for the part or full amount of these charges.
მე ვადასტურებ, რომ თავს არ ვარიდებ ანგარიშის გადახდას და პირადად ვიღებ პასუხისმგებლობას, რომ აღნიშნული პიროვნება, კომპანია ან ასოციაცია გადაიხდის დანახარჯებს სრული ოდენობით.

Guest's signature/სტუმრის ხელმოწერა

TBILISIMARRIOTT.COM
13 RUSTAVELI AVENUE
0108 TBILISI, GEORGIA (CAUCASUS REGION)
T: 995.32.2779200
F: 995 32 2779210

თარიღი Check № 06702

Date

სტუმრის სახელ (b)(6)

Guest Name

ოთახის ნომერი

Room Number

მიმართულება

Destination

ღირებულება

Price

გადახდა ნაღდი ☐ ოთახზე ☐

Payment Cash Room

სტუმრის ხელმოწერა

Guest Signature

მიმღებ (b)(6) მძღოლ (b)(6)

F/O Signature Driver

Thank you

გმადლობთ

(b)(6)

FW: Avila Subk 2015-22 DTRA Nov Invoice
November 21, 2016 at 4:12 PM

(b)(6)

(b)(6)

This invoice is approved, please post:

$10,762.50 to CLIN 1002 labor on project 01021.02.017.GSM.02 - GEORGIA SME
$7,790.17 to CLIN 1005 travel on project 01021.02.017.GSM.05 - GEORGIA SME

Best regards,

(b)(6)

Metabiota, Inc.

(b)(6)

301.512.2109 (work)

(b)(6)

From: (b)(6)
Date: Thursday, November 17, 2016 at 1:59 PM
To: (b)(6)
Cc:
Subject: RE: Avila Subk 2015-22 DTRA Nov Invoice

Please find attached Avila Scientific's monthly report for November 2016.
Also, please find attached our invoice and supporting information for November 2016.

Please let me know if you have any questions.

Thanks

(b)(6)

Avila Scientific
FOIA (b)(6) · (c) (b)(6)
4071 Childress Road · Christiansburg, VA 24073

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22-DTRA N. ng info.pdf

TD 018 Georgia Visiting Scientist Genomics

Objectives
Metabiota will provide subject matter expertise in genomics for providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 08/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) held email and phone communications with (b)(6) to discuss project status and closeout (b)(6) along with (b)(6) reviewed subcontractor invoices and reports (b)(6) reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports (b)(6) (b)(6) also drafted and submitted the final report/lessons learned document for this effort to DTRA on November 15.

Subject Matter Expert 1:
(b)(6) participated in email and phone communications with (b)(6) to discuss project status and closeout (b)(6) reviewed subcontractor invoices and reports (b)(6) drafted reporting instruments including quad charts, invoicing, and monthly reports.

Visiting Scientist
(b)(6) participated in email and phone communications to discuss project status and ongoing issues (b)(6) also drafted reporting including invoicing and weekly updates, and contributed insights to the final report/lessons learned document for this effort. (b)(6) continued genomics and bioinformatics mentorship activities, including assisting Georgian researchers on whole-genome comparative analyses of African swine fever virus and data analyses for the tick-borne encephalitis virus genome stability manuscript (b)(6) also helped to finalize the page proofs for the strain 55 genome announcement publication.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
DBA costs are applied for Jason Farlow FOIA (b)(4) total compensation.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota

TD 018 Georgia Genomics

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Prrogram Manager	Completed by Finance
Project Name	FOIA (b)(4) to Apply to program
TD 18 Georgia Genomics Total	$ 308.00
	$ -
TD 19 Georgia Micro Total	$ 168.28
	$ -
TD 21 Iraq FETP Total	$ 523.58
Grand Total	$ 999.86

TD 019 Georgia Visiting Scientist Microbiology

Objectives
Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 11/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) held email and phone communications with (b)(6) to discuss project status and any ongoing issues. (b)(6) also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports. (b)(6) also drafted and submitted the final report/lessons learned document for this effort to DTRA on November 15.

Subject matter 1:
(b)(6) participated in email and phone communications with (b)(6) to discuss project status and any ongoing issues. (b)(6) also drafted reporting instruments including quad charts, invoicing, and monthly reports.

Visiting Scientist
(b)(6) participated in email and phone communications to discuss project status and ongoing issues. (b)(6) drafted reporting including weekly updates, and contributed insights to the final report/lessons learned document for this effort. (b)(6) also continued mentorship activities. These included providing guidance to NCDC scientists on the developing a manuscript for the dog *Brucella* serology data and reviewing documents for the Q5 report of the Jordan seroprevalance collaboration. (b)(6) also helped guide discussions regarding regional project proposals with the Lugar Center scientists, and between LMA and (b)(6) of the CDC. He also provided assistance and guidance to serologists at LMA in detecting CCHF in animals and planning for a *Brucella* bacteriology training.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
DBA costs are applied for Ryan Arner FOIA (b)(4) total compensation.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota

TD 019 Georgia Microbiology

CLIN 1002

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Prrogram Manager	Completed by Finance
Project Name	FOIA (b)(4) to Apply to program
TD 18 Georgia Genomics Total	$ 308.00
	$ -
TD 19 Georgia Micro Total	$ 168.28
	$ -
TD 21 Iraq FETP Total	$ 523.58
Grand Total	$ 999.86

TD 021 Field Epidemiology Training - Iraq

Objectives
Conduct remote trainings on epidemiology and BS&S/Biorisk management for one cohort of Iraqi scientists, and also engage them to familiarize them with the Iraq National Biological Emergency Response Plan and work on a gap analysis of said plan. Conduct remote trainings on epidemiology for a second cohort.

Period of Performance: 02/19/16 – 11/15/16

CLIN 1002 – Labor

Program Manager:
Program Manage(b)(6) continued to provide overall technical and administrative expertise to the project. He participated in the in final project calls and meetings with all team members and stakeholders(b)(6) assisted in the execution of the HOT and completed the final NBEP gap analysis, to include submission to both CBEP and Iraqi stakeholder(b)(6) reviewed all final grades and student standing at the close of the course and signed all training certificates prior to distribution to the students.

Program Manager(b)(6) continued to provide overall oversight and coordination of the program. She participated in final project calls and meetings with all team members and stakeholders. She assisted in the facilitation and completion of the HOT. She coordinated the completion and submission of all required CDRLs to include trip reports, TTRs, ToP, and transfer of LMS recordings. (b)(6) viewed all final grades and student standing and ensured all certificates were provided to the students(b)(6) ensured final completion of all project activities and closed out contracts with the epidemiology training team, as well as initiated close out with all subcontractors and independent consultants performing on the project.

Subject Matter Expert 1:
SME 1(b)(6) continued to provide overall project coordination during this period. She hosted and participated in final project calls with the epidemiology training team, BS&S training team, and in-country trainers(b)(6) provided administrative and technical support during the HOT ensuring a successful delivery of the hands-on course. She compiled all final grades and scoring of students, following submission of the BS&S requirements from WRMI, and submitted them for CME determination by the Iraqi MoH(b)(6) prepared and sent course completion certificates to Cohorts I and II, and provided participants with feedback on their success and final grades for the course. As well, FOIA (b)(6) provided input into the TTRs and the final after action report, as well as assisted in coordinating signature and receipt of the Transfer of Property (ToP) agreement. Finally, FOIA (b)(6) FOIA (b)(6) copied all LMS training materials and recorded sessions to CDs for final delivery to CBEP.

SME 1(b)(6) supported(b)(6) in completion of the gap analysis report. She provided a final review of the document and shared feedback, edits, comments with(b)(6) for final execution and submission of the report.

SME 1(b)(6) participated in close out project calls and administrative activities during this period. He assisted in review of the ToP agreement and completion of final deliverables, to include

reporting, required by WRMI to wrap up the project. He assisted [(b)(6)] in ensuring all administrative needs were completed for project close out.

SME 1 [(b)(6)] delivered the HOT to local participants in conjunction with Metabiota team members, WRMI, and in-country trainers, completing course implementation. She provided input into the Cohort I TTR and final after action report. [(b)(6)] participated in final project calls and ensure completion of all epidemiology team deliverables prior to the project end date.

SME 1 [(b)(6)] delivered the HOT to local participants in conjunction with Metabiota team members, WRMI, and in-country trainers, completing course implementation. She provided input into the Cohort I TTR and final after action report. [(b)(6)] participated in final project calls and ensure completion of all epidemiology team deliverables prior to the project end date.

Subject Matter Expert 2:

SME 2 [(b)(6)] continued to provide routine project coordination and administration for the WRMI team during the final two weeks of the project. He executed the HOT in conjunction wit [(b)(6)] [(b)(6)] nd the Metabiota team. He participated in project calls with the Metabiota project team and assisted in close out activities, to include transfer of all US procured materials from Metabiota to WRMI following completion of the HOT. He provided final feedback and an overall review of the gap analysis for final submission. In addition, he completed the final report and TTR required following Cohort I training, and provided the student grades to Metabiota for submission and determination of credit hours by the Iraqi MoH.

SME 2 [(b)(6)] continued to participate in routine project calls and close out activities for the project. He executed the HOT training wit [(b)(6)] ompleting all BS&S requirements [(b)(6)] conducted a final inventory of all materials procured following completion of the HOT and provided the inventory to Metabiota for transfer of materials to WRMI. He organized the materials and prepared for disposable and donation following execution of the ToP agreement. He provided feedback for the TTR and final report submitted to Metabiota.

SME 2 [(b)(6)] delivered the HOT to local participants in conjunction with Metabiota team members, WRMI, and in-country trainers, completing course implementation. She provided input into the Cohort I TTR and final after action repor [(b)(6)] participated in final project calls and ensure completion of all epidemiology team deliverables prior to the project end date.

Research and Data Analyst:

RDA [(b)(6)] prepared the WRMI October invoice and submitted it to Metabiota. She initiated preparation of the November invoice, which will be submitted at the close of the month. This will be the final project invoice and will capture all remaining costs for WRMI's efforts in support of this engagement.

RDA [FOIA (b)(6)] provided LMS and Moodle administration during the HOT, supporting SMEs [(b)(6)] in delivery of the BS&S training components. She also worked wit [(b)(6)] o complete the final grading and evaluation of Cohort I students following completion of the BS&S courses. She coordinated with [FOIA (b)(6)] to ensure timely submission of all grades. As well, she participated in the final project calls and wrap up of all WRMI deliverables ensuring the course was completed on time and submission of requirements met.

RDA (b)(6) continued to provide overall project coordination for the URC team. She ensured completion and execution of the HOT, and assisted in coordinating the final inventory and ToP execution with in-country team members (b)(6) completed all URC deliverables to include input on training trip reports, the TTR and final report (b)(6) nsured submission of URC invoices and back up documentation for all materials procured, and initiated contractual close out activities and requirements with (b)(6)

RDA (b)(6) continued to provide in-country coordination to support the project, which included working closing with CLS and in-country trainers to facilitate and successfully execute the HOT. (b)(6) ensured all technical requirements were met to facilitate the remote HOT and worked with his team to support final efforts in executing the closing out the HOT. He participated in final project calls, conducted a final inventory of all in-country supplies, and supported execution of the ToP and transfer of all materials to the Central Public Health Laboratory (CPHL). In addition, (b)(6) provided feedback and input to the TTR and after action report.

RDA (b)(6) continued to coordinate and complete execution of the HOT with fellow in-country trainers and (b)(6) He ensured successful execution of the training and provided input into the final CDRLs, to include the after-action report and TTR.

RDA (b)(6) attended the HOT as an observer and ensured the overall successful implementation of the course. He participated in final calls and meetings with the Metabiota team. He worked with the participants to ensure completion of all course requirements to support their successful awarding of CME credits following submission to the Iraqi MoH. In addition (b)(6) assisted in coordinating the execution of the ToP and provided final course updates, to include student grades, to the MoH.

Foreign Local Nationals:

FLN (b)(6) continued to coordinate and complete execution of the HOT with fellow in-country trainers and (b)(6) He ensured successful execution of the training and provided input into the final CDRLs, to include the after-action report and TTR.

FLN, (b)(6) continued to coordinate and complete execution of the HOT with fellow in-country trainers and (b)(6) He ensured successful execution of the training and provided input into the final CDRLs, to include the after-action report and TTR.

FLN (b)(6) continued to work with the URC team and CLS during implementation of the HOT to ensure all in-country materials were prepared and ready for the practicum components of the course. In addition, he assisted in the inventory of all materials following the HOT and provided support t (b)(6) in completing the transfer of supplies to the CPHL.

CLIN 1003 – Materials and Supplies

The Material costs include the final purchases of texts and supplies for the in-country training. A $115.00 credit for ASM Press has been applied for (b)(6) as Metabiota incurred this as a non-billable cost.

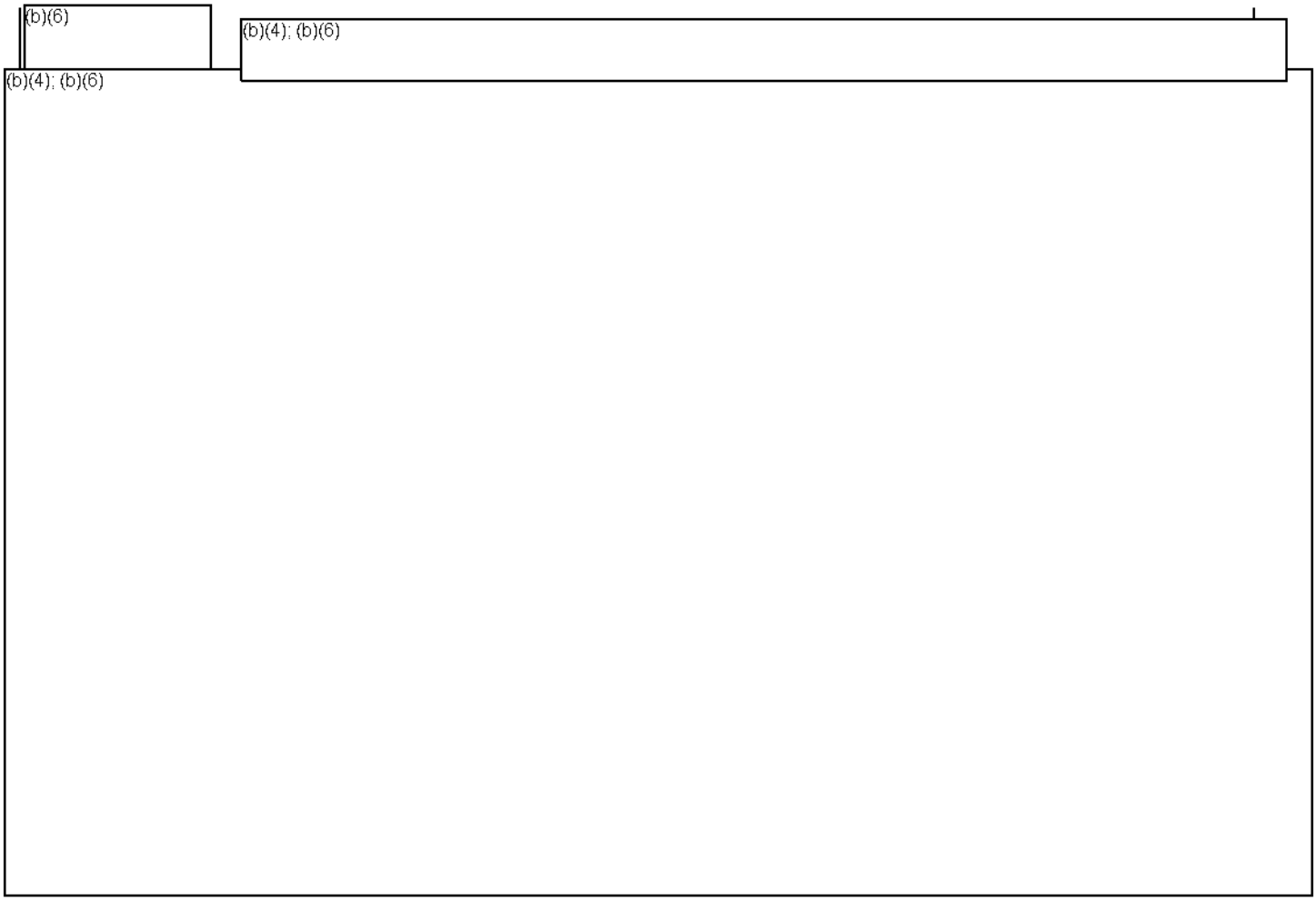
CLIN 1004 – ODCs

DBA is applied FOIA (b) (6) of total compensation for all in country performers.

CLIN 1005 – Travel

No travel costs are invoiced.

Metabiota						
TD 021 FETP Iraq						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						


(b)(6)
(b)(4); (b)(6)
(b)(4); (b)(6)

Completed by Prrogram Manager	Completed by Finance
Project Name	FOIA (b)(4) to Apply to program
TD 18 Georgia Genomics Total	$ 308.00
	$ -
TD 19 Georgia Micro Total	$ 168.28
	$ -
TD 21 Iraq FETP Total	$ 523.58
Grand Total	$ 999.86

Project:	01021.02.021.IFE.03	**Status:**	Active
Project Description:	Iraq FETP Training	**Project Classificatior**	DIRECT PROJECT
Organization:	10.10.10.01	**Project Type:**	T&M
Prime Contract No:		**Period of Performan**	05/15/16 to 12/06/16
Subcontract No:		**Customer:**	DTRA
Purchase Order No:		**Project Abbreviation:**	
Project Manager:	(b)(6)		

Name	JE No./ Vchr No.	Invoice	ransaction Descriptic	Fiscal Year	Pd	Sub Pd	Amount
10 Consolidated							
	050-110-10 Direct Materials: Billabl						
FOIA (b)(6)	7025 274276CBCP	FOIA (b)(6)	2016		11	1	31.52
	7025 274276CBCP		2016		11	1	15.96
	7129 7916798		2016		11	1	837.68
	7130 7976778		2016		11	1	214.28
	7131 8045094		2016		11	1	11.00
	7132 8108702		2016		11	1	14.43
	7133 8177774		2016		11	1	57.96
	7179 4 NOV		2016		11	1	17.85
	7180 3 SEP-OCT 2016		2016		11	1	10,362.00
					Subtotal for 050-110-10 Direct Materials: Billabl		11,562.68
					Subtotal for 10 Consolidated		11,562.68
					Subtotal for 01021.02.021.IFE.03 Iraq FETP Training		11,562.68

amazon.com

Print this page for your records.Print this page for your records.

Order Placed: October 25, 2016
Amazon.com order number: 114-7757854-1809042
Order Total: $31.52

Not Yet Shipped

Items Ordered	Price
1 of: *Kimberly Clark Safety 50603 Safeskin Nitrile-Xtra Exam Gloves, 12" Length, Large, Purple (Pack of 50)* Sold by: Amazon.com LLC Condition: New	$17.08
1 of: *Household Mall 6.1x15.3 Blue Overshoe Carpet Cleaning Medical Disposable Nylon Shoe Covers* Sold by: Halulu (seller profile) Condition: New	$11.99

Shipping Address:

(b)(6)

FOIA (b)(6)

United States

Shipping Speed:
Two-Day Shipping

Payment information

Payment Method:
Visa | Last digits: 7777

Billing address

FOIA (b)(6)

425 California St
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$29.07
Shipping & Handling:	$0.00
Total before tax:	$29.07
Estimated tax to be collected:	$2.45
Grand Total:	**$31.52**

To view the status of your order, return to Order Summary.

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amazon.com

Print this page for your records.Print this page for your records.

Order Placed: October 26, 2016
Amazon.com order number: 114-0245198-3013041
Order Total: $15.96

Shipped on October 27, 2016

Items Ordered | **Price**

1 of: *CornerStone Red Kap - Reversible Scrub Pant>XL Ceil Blue CS502* $14.78
Sold by: Prestige Wurldwide (seller profile) | Product question? Ask Seller

Condition: New

Shipping Address:
(b)(6)
FOIA (b)(6)
United States

Shipping Speed:
Two-Day Shipping

Item(s) Subtotal:	$14.78
Shipping & Handling:	$0.00
Total before tax:	$14.78
Sales Tax:	$1.18
Total for This Shipment:	**$15.96**

Payment information

Payment Method:
Visa | Last digits: 7777

Billing address
(b)(6)
425 California St
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$14.78
Shipping & Handling:	$0.00
Total before tax:	$14.78
Estimated tax to be collected:	$1.18
Grand Total:	**$15.96**

Credit Card transactions — Visa ending in 7777: October 27, 2016: $15.96

To view the status of your order, return to Order Summary.

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FSC 0263930006

Fisher Scientific
Part of Thermo Fisher Scientific

REMIT TO:
ACCT# 026393-002
P.O. BOX 404707
ATLANTA GA
30384-4707

INQUIRE AT:
(800) 955-5090
3970 JOHNS CREEK COURT
SUWANNEE GA
30024

D-U-N-S-00-432-1519
FEIN 23-2942737
ORIGINAL INVOICE

PLEASE REFER TO THIS INVOICE NUMBER ON YOUR REMITTANCE

7916798

CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE
IRAQ-001A	10/12/2016

ORDER NO.	ACCOUNT NO.	CSO	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
M62852051	026393-002	INT	SHIPPING POINT	10/11/2016	2	

SOLD TO:

METABIOTA INC
2-425 CALIFORNIS ST
SAN FRANCISCO CA 94104

SHIP TO:

FOIA (b)(6)

INVOICE TYPE: NOR FON CON

THIS IS A PARTIAL SHIPMENT X

DUE: 11/11/2016
TERMS: NET 30 DAYS FROM INVOICE DATE.
PAYABLE IN U.S. CURRENCY.

Visit: www.fishersci.com

DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
BUCKET 5GAL SNAP TOP ORIG CAT NBR CEPLP5	19 152 071	1 EA	14.26	14.26
GLV UNLINED RB SZ XL 12PR	11 395 18D	1 DZ	18.53	18.53
FB ECONOMY IMPACT GOGGLE	19 181 501	1 EA	1.83	1.83
SHIPMENT NBR: 003 FROM: SED ON:	10/12/2016			
ORDERED PART # 64260 DUAL VALVE RESP N95 10PK CS80 ORIG CAT NBR 64260	19 413 200	1 PK	27.44	27.44
P100 CARTRIDGE FILTERS 1PR	19 384 338	1 PR	13.18	13.18
PIGGYBACK ADAPTER 1PR	19 384 332	1 PR	3.87	3.87
SHIPMENT NBR: 004 FROM: WDC ON:	10/12/2016			
ORDERED PART # S2500C SPEC ASTRO BLK/CL XTR OTG 1PR ORIG CAT NBR S2500C	19 084889	1 EA	7.00	7.00
CARTRIDGES FORMALDEHYDE 1PR	19 384 305	1 PR	11.13	11.13
SHIPMENT NBR: 005 FROM: VND ON:	10/11/2016			
ORDERED PART # STP100 STP 100 12/PK VN00096103 STP-100 INMARK LLC ORIG CAT NBR STP100	NC9238881	1 PK	395.78	395.78
SHIPMENT NBR: 006 FROM: VND ON:	10/11/2016			
SHIRT SCRUB PP XL 50/CS	19 472 722	1 CS	56.95	56.95
SHIPMENT NBR: 007 FROM: VND ON:	10/11/2016			
ORDERED PART # S15968 STANDARD KNEELING MAT 12X22IN VN00063642 S-15968 ULINE INC 3P	NC0857570	1 EA	25.13	25.13

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7916798

CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE
IRAQ-001A	10/12/2016

ORDER NO.	ACCOUNT NO.	CSO	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
M62852051	026393-002	INT	SHIPPING POINT	10/11/2016	1	

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INVOICE TYPE: NOR FON CON

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DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
FOIA (b)(6)				
SHIPMENT NBR: 001 FROM: SCD ON:	10/12/2016			
FISHERSCI TIGHT TIES 11IN 50PK	14 649122	1 PK	6.79	6.79
FBRND BENCH PROTECT 20X100	14 206 64	1 EA	28.81	28.81
LABEL BIOHAZARD 1X1IN 1000PK	15926	1 PK	7.23	7.23
COTTON ROLL NON-STERILE 1LB/EA	22 456 881	1 EA	7.36	7.36
FB GLV LTX PF AMBI LG 100/PK LOT	11 394 5C 20160202	1 PK	8.94	8.94
3939 DUCT TAPE 2IN X 60 YDS	19 047 276	1 EA	10.77	10.77
FB FACESHIELD HEADGEAR COMBOF	18 999 4542	1 EA	11.81	11.81
ORDERED PART # 62126				
PFR 95 REGULAR RESP 50/PK ORIG CAT NBR 62126	18 999 4812	1 PK	31.96	31.96
ORDERED PART # 8210				
RESP N95 20/PK ORIG CAT NBR 8210	18 999 473	1 PK	12.46	12.46
ORDERED PART # S0360X				
ULTRSPEC 2K ADJ TEM SCT ORGIPR ORIG CAT NBR S0360X	19 034 240	1 EA	4.95	4.95
SHIPMENT NBR: 002 FROM: MWD ON:	10/12/2016			
APRON RESIN COATED 36X46IN	01 353B	1 EA	53.56	53.56
TONGS CRUCIBLE SS	15 193	1 EA	12.79	12.79
234 MASKING TAPE 1X 60IN	19 047 259	2 EA	7.84	15.68
234 MASKING TAPE 2INX60	19 047 260	1 EA	14.79	14.79
ORDERED PART # CEPLP5				

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CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE
IRAQ-001A	10/12/2016

ORDER NO.	ACCOUNT NO.	CSO	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
M62852051	026393-002	INT	SHIPPING POINT	10/11/2016	3	

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ORIG CAT NBR 615968				
MERCHANDISE SUBTOTAL				803.00
DIRECT SHIP RUSH				31.98
SHIPPING-FUEL SURCHARGE				2.70
TOTAL INVOICE AMOUNT				837.68

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CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE	
IRAQ-001A	10/13/2016	7976778

ORDER NO.	ACCOUNT NO.	CSO	F.O.B. SHIPPING POINT	ORDER ENTRY DATE	PAGE	DUPLICATE
M62852051	026393-002	INT		10/11/2016	1	

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SHIP TO:

FOIA (b)(6)

INVOICE TYPE: NOR FON CON

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DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
FOIA (b)(6)				
SHIPMENT NBR: 008 FROM: NED ON:	10/13/2016			
P100 FILTER DISK 1PR	19 384 333	1 PR	6.02	6.02
SHIPMENT NBR: 009 FROM: VND ON:	10/12/2016			
ORDERED PART # 1300LG OVERSHOE 1300 RUBR LRG 1PR ORIG CAT NBR 1300LG	19 048753	1 PR	20.48	20.48
SHIPMENT NBR: 010 FROM: VND ON:	10/12/2016			
ORDERED PART # SL122EWELG00 CVL SARANEX HD BT EWR L 12CS	01 361 51C	1 CS	187.78	187.78

TOTAL INVOICE AMOUNT 214.28

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CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE
IRAQ-001A	10/14/2016

ORDER NO.	ACCOUNT NO.	CSO	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
N62852051	026393-002	INT	SHIPPING POINT	10/11/2016	1	

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FOIA (b)(6)

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DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
FOIA (b)(6)				
SHIPMENT NBR: 011 FROM: VND ON: 10/14/2016				
ELBOW PROTECTOR GARM VISC PAD	19 039297	1 EA	11.00	11.00

TOTAL INVOICE AMOUNT 11.00

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CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE
IRAQ-001A	10/17/2016

ORDER NO.	ACCOUNT NO.	CSO	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
M62852051	026393-002	INT	SHIPPING POINT	10/11/2016	1	

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INVOICE TYPE: NOR FON CON

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DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
FOIA (b)(6)				
SHIPMENT NBR: 012 FROM: WDC ON: 10/17/2016				
GOWN PE BLUE DISPOS LG 15/PK	18 568	1 PK	14.43	14.43
TOTAL INVOICE AMOUNT				14.43

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8177774

CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE
IRAQ-001A	10/18/2016

ORDER NO.	ACCOUNT NO.	CSO	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
M62852051	026393-002	INT	SHIPPING POINT	10/11/2016	1	

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DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
FOIA (b)(6)				
SHIPMENT NBR: 013 FROM: VND ON	10/17/2016			
BOOT OVERBOOT 17IN BLK L 1PR	18 999 1319B	2 PR	23.98	47.96
MERCHANDISE SUBTOTAL				47.96
DIRECT SHIP HANDLING CHARGES				10.00
TOTAL INVOICE AMOUNT				57.96

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Project p

Fiscal Year: One: 2016
Period: One: 12 Subperiod: One: 1

Project:	7027	**Status:**	Active
Project Description:	IRAQ AEP PROGRM (METABI	**Project Classification:**	DIRECT PROJECT
Organization:	1.01.140.001.02.00[illegible]	**Project Type:**	T&M
Prime Contract No:	HDTRA1-14-C-0104	**Period of Performance:**	08/01/16 to 11/15/16
Subcontract No:	2016-13-DTRA	**Customer:**	SUB-INT
Purchase Order No:		**Project Abbreviation:**	
Project Manager:	FOIA (b)(6)		

Name	JE No./ Vchr No.	Invoice	Transaction Description	Fiscal Year	Pd	Sub Pd	Amount
1 Enterprise							
5400-41-004 OTHER							
			Subtotal for 5400-41-004 OTHER				10,362.00
			Subtotal for 1 Enterprise				10,362.00
			Subtotal for 7027 IRAQ AEP PROGRM (METABIO)				10,362.00

TD 022 Biosurveillance Training - Uganda

Objectives

Advance the Biosafety and Biosecurity capacity in Uganda through the development, coordination and execution of a pilot biosurveillance study focused in Rift Valley Fever (RVF), Avian Influenza (AI), and Peste des Petuts Ruminants Virus (PPRV). Provide subject matter expertise to assist participants in development and submission of grant proposals, and development of Standard Operating Procedures to increase enhance local skills in early detection and prevalence determination of RVF AI and PPR.

Period of Performance: 3/21/16 – 11/15/16

CLIN 1002 – Labor

Program Manager

Metabiota Regional Africa Program Manager (b)(6) led regular bi-weekly and as needed communications with in country stakeholders. He also led communications with DTRA CBEP representation on a bi-weekly basis. He provided project and programmatic oversight to the continued implementation of the biosurveillance pilot study. He also contributed to the finalization of all project procurement needs. (b)(6) led the development of a final project report during this time and ensured that all those working on this effort were able to offer their input where relevant.

Subject Matter Expert 1:

Represents the time of Metabiota Subcontractor (b)(6) of Africa Biomedical Laboratories (ABL). (b)(6) continued to lead the proposal development component of this project by continuing to schedule and host at length discussions with study leads (b)(6) and (b)(6) (b)(6) He followed up to these discussions by continuing to request their contributions regarding the development of a proposal purposed for eventual submission to a DTRA CBEP Broad Agency Announcement.

Time spent during this period is also represented by the efforts of (b)(6) of ABL. (b)(6) contributed to the proposal development process at the guidance of (b)(6) was engaged to support proposal writing and study design portions of this effort, and additionally worked to provide back-up technical support when necessary.

CLIN 1003 – Materials and Supplies

A credit invoice is being applied due to receipt of final invoices from Metabiota's vendor.

CLIN 1004 – ODCs

No ODC costs are invoiced.

CLIN 1005 – Travel

Travel costs include transportation support for AFRICOM FLNs (b)(6) and (b)(6) to complete follow up visits to sampling sights. Metabiota provided a flat $25.00 per day stipend. Metabiota additionally reimbursed (b)(6) or the use of a car service for 2 days of travel.

Metabiota

TD 022 Uganda BSV

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

(b)(4); (b)(6)

KASESE DISTRICT

Date	Origin	Destination	Distance in kilometers	Specific purpose for travel	Mode of transportation (car or motor bike)	
5-Sept-2016	Nyakatonzi	Kasenyi	28 x 2	Sensitization	Motorbike	25 00
6-Sept-2016	Nyakatonzi	Kasenyi	14 x 2	Sampling	Motorbike	25 00
7-Sept-2016	Nyakatonzi	Kahendero	20 x 2	Sensitization	Motorbike	25 00
8-Sept-2016	Nyakatonzi	Kahendero	14 x 2	Sampling	Motorbike	25 00
9-Sept-2016	Nyakatonzi	Kilembe	76 x 2	Meeting	Motorbike	25 00
12-Sept-2016	Nyakatonzi	Kyarumba	18 x 2	Meeting	Motorbike	25.00
13-Sept-2016	Nyakatonzi	Nyakatonzi	8 x 2	Sampling	Motorbike	25 00
14-Sept-2016	Nyakatonzi	Munkunju	9 x 2	Sampling	Motorbike	25.00
15-Sept-2016	Nyakatonzi	Muhokya	25 x 2	Meetings	Motorbike	25.00
16-Sept-2016	Nyakatonzi	Muhokya	25 x 2	Sampling	Motorbike	25 00
20-Sept-2016	Nyakatonzi	Lake Katwe	12 x 2	Sampling	Motorbike	25 00
21-Sept-2016	Nyakatonzi	Lake Katwe	12 x 2	Sampling	Motorbike	25 00
22-Sept-2016	Nyakatonzi	Lake Katwe	14 x 2	Sampling	Motorbike	25 00
27-Sept-2016	Nyakatonzi	Lake Katwe	15 x 2	Sampling	Motorbike	25 00
28-Sept-2016	Nyakatonzi	Mpondwe TC	26 x 2	Sampling	Motorbike	25 00
29-Sept-2016	Nyakatonzi	Mpondwe TC	26 x 2	Sampling	Motorbike	25 00
		RUBIRIZI DISTRICT				
4-Oct-2016	Nyakatonzi	(b)(6)	14 x 2	Sampling	Motorbike	25 00
5-Oct-2016	Nyakatonzi		14 x 2	Sampling	Motorbike	25 00
6-Oct-2016	Nyakatonzi		14 x 2	Sampling	Motorbike	25 00
11-Oct-2016	Nyakatonzi		14 x 2	Sampling	Motorbike	25 00
12-Oct-2016	Nyakatonzi		14 x 2	Sampling	Motorbike	25.00
13-Oct-2016	Nyakatonzi		14 x 2	Sampling	Motorbike	25.00
18-Oct-2016	Nyakatonzi		14 x 2	Sampling	Motorbike	25.00
19-Oct-2016	Nyakatonzi		14 x 2	Sampling	Motorbike	25.00
20-Oct-2016	Nyakatonzi		14 x 2	Sampling	Motorbike	25.00
25-Oct-2016	Nyakatonzi		14 x 2	Sampling	Motorbike	25.00
26-Oct-2016	Nyakatonzi		14 x 2	Sampling	Motorbike	25.00
27-Oct-2016	Nyakatonzi		14 x 2	Sampling	Motorbike	25.00
28-Oct-2016	Nyakatonzi		20 x 2	Laboratory	Motorbike	25.00

$750.00

NOTE:
1. (x 2) means To and From, on the distances travelled from origin to Destination.
2. In october 2016, Same distances were travelled prior to meet the rest of the team members for sampling especially moving to Rubirizi District.
3. In september 2016, distances travelled were on senzitisation or meetings with farmers and sampling process.

see pg 2

(b)(6)

Date	Origin	Destination	Specific Purpose for Travel	Travel Supplement
4/9/16	Kyanamira	Bushuro	Farmers mobilization	$ 25.00
4/9/16	Bushuro	Buhara	Farmers mobilization	$ 25.00
4/9/16	Kyanamira	kasheregyenyi	Farmers mobilization	$ 25.00
5/9/2016	Kyanamira	Ahirwaniro	Farmers mobilization	$ 25.00
5/9/16	kitumba	kashenyi	Farmers mobilization	$ 25.00
5/9/16	kashenyi	kisasa	Farmers mobilization	$ 25.00
5/9/16	Town	Bunagana	Farmers mobilization	$ 25.00
11/9/16	Kyanamira	Bubare	Farmers mobilization	$ 25.00
12/9/16	Kyanamira	Rwakashande	Farmers mobilization	$ 25.00
12/9/2016	Kyanamira	Rwamucucu	Farmers mobilization	$ 25.00
18/9/2016	Kyanamira	Butanda	Farmers mobilization	$ 25.00
19/9/2016	Kyanamira	Nyabikoni	Farmers mobilization	$ 25.00
19/9/2016	Nyabikoni	Kigata	Farmers mobilization	$ 25.00
26/9/2016	Kabale	kisoro	Livestock samplimg	$ 25.00
30/9/2016	kisoro	Kabale	Travel back home	$ 25.00
3/10/16	kabale	Bwindi	Livestock samplimg	$ 25.00
7/10/16	Mbarara	Kabale	Travel back home	$ 25.00
10/10/2016	kabale	Kambuga	Livestock samplimg	$ 25.00
14/10/2016	Ntumgamo	Kabale	Travel back home	$ 25.00
17/10/2016	Kabale	Kasese	Livestock samplimg	$ 25.00
21/10/2016	kasese	Kabale	Travel back home	$ 25.00
24/10/2016	Kabale	Kasese	Livestock samplimg	$ 25.00
28/10/2016	Kasese	Kabale	Travel back home	$ 25.00
		Car Reimbursment		$ 108.00
		Car reimbursment		$ 108.00
				$ 791.00



ASIIMWE GODFREY TRANSPORTERS

Dealers in Transport & Special Hire

Tel: 0782-800177
0702-800177

No. 5

RECEIPT

Date: 23.10.2016

Received with thanks from (b)(6)

The sum of shillings Four Hundred thousand Shillings only.

Being payment of Transport for Br. Isaac from Kabale to Kasese and back.

Cash / Cheque No. 400.000 UGX *Balance* Nil.

Shs. 400.000 UGX

Signatur (b)(6)

Thanks

$108 USD



ASIIMWE GODFREY TRANSPORTERS

Dealers in Transport & Special Hire Tel: 0782-800177
0702-800177

No. 082

RECEIPT

Date 16. 10. 2016

Received with thanks from: (b)(6)

The sum of shillings Four hundred thousand shillings

Being payment of Transport for him from Kabale to Kasese town and back.

Cash / Cheque No. 400.000 UGX *Balance* Nil.

Shs. 400.000 UGX.

Thanks

Signature (b)(6)

1 08 USD

TD 023 One Health Epidemiology Short Course – South Africa

Objectives
Increase the operational biosafety and bio-surveillance capacity through the development of a One Health Epidemiology short course tailored to the needs of South Africa. Increase the sustainability of the course work through development of a train the trainer module to be delivered to select South African trainers of the short course.

Period of Performance: 3/21/16 – 11/15/16

CLIN 1002 – Labor

Program Manager:
Represents the time of Metabiota Africa Regional Program Manager (b)(6) provided programmatic oversight throughout this period and was responsible for leading all communications with DTRA CBEP as well as programmatic communications for the internal project team. He led regular bi-weekly communication with DTRA CBEP (b)(6) additionally worked to progressively elaborate the project schedule in an effort to reflect input from project SME's in real-time (b)(6) led the 100% submission by ensuring transfer of all materials and contributed heavily to both formatting and technical revision during this time.

Research and Data Analyst:
Represents the time of Metabiota Epidemiologist (b)(6) provided technical support towards the finalization of materials. She participated in technical and programmatic communication calls with project staff, and provided infectious disease expertise towards the overall project approach as well as the delineation between advanced and basic course work. She also reported regularly to the PM and provided an explanation of weekly production for submission to DTRA CBEP representation.

Subject Matter Expert 2:
Represents the time of Metabiota Staff Scientis (b)(6) provided technical leadership and overall product development guidance towards the adaptation of all materials. She participated in bi-weekly programmatic conference calls and led weekly technical communications with project staff. She additionally contributed directly to the development of presentations and worked to adapt and develop training materials, and to review the work of other project SMEs to ensure an overall consistency in approach. She reported regularly to the PM and provided an explanation of weekly production for submission to DTRA CBEP representation.

Trainer 2:
Represents the time of Metabiota subcontracto (b)(6) provided technical support towards the development and adaptation of materials. He participated in technical and programmatic communication calls with project staff, and provided veterinary and training program development expertise towards the overall project approach.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No DBA costs are invoiced this period.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota						
TD 023 One Health Epi South Africa Short course						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 025 Technical Writing Workshop – Ethiopia

Objectives
Provide capacity building and sustainability in BS&S projects by conducting a Technical Writing workshop on developing a successful research proposal and white paper. Provide mentorship and support to workshop participants in finalizing and submitting for grant support to increase the research project completed in country.

Period of Performance: 4/15/16 – 11/15/16

CLIN 1002 – Labor

Program Manager:
Represents the time of Metabiota Africa Regional Program Manager, (b)(6) provided programmatic oversight throughout this period and was responsible for leading all communications with DTRA CBEP as well as programmatic communications for the internal project team. (b)(6) additionally managed daily communications with all members of the project team to ensure an adherence to the proposal deliverables schedule.

Subject Matter Expert 1:
Credit hours are being invoiced due to discrepancies in received monthly hours reports and final invoicing from the subcontractor.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No ODC costs are invoiced this period.

CLIN 1005 – Travel
Travel costs invoiced are for FOIA (b)(6) while implementing the in-country workshop.

Metabiota

TD 025 Ethiopia Grants

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

AAA

Attn: (b)(6)
Metabiota, Inc
425 California Street, Suite 200
San Francisco, CA 94104

Invoice Date:	**November 28, 2016**
Invoice No.:	**52-4796**
Subcontract No.:	**2016-11-DTRA**
Subcontract Value:	**$51,249.09**

Description

Request for payment relating to the subcontract between Metabiota, Inc and the American Association for the Advancement of Science where AAAS will support two teams of Ethiopian reserachers in the development of two research proposals for ultimate submission to DTRA BAA Thrust Area 6

For the period of May 18, 2016 through November 15, 2016, 2016

	Current Invoice Amount	Cumulative Invoice Amount
	$	
OTHER COSTS		
G&A	3,253 98	3,253 98
Materials		
Travel	5,957.49	5,957 49
Total Non-labor	$ 9,211 47	$ 9,211.47
GRAND TOTAL	$	$
	Amount Now Due AAAS	$ 28,559 27
	E.I.N. 53-0196568	

"The undersigned hereby certifies that the amount being invoiced represents only those amounts properly payable in accordance with the terms and conditions of the Subcontract Agreement and the official financial records."

Certifying Official

(b)(6)

CFO/CEO

11-29-16
Date

If you have questions regarding this invoice please contact Tanisha Lewis at 202-326-8978

Office of Finance and Administration

American Association for the Advancement of Science
1200 New York Avenue, NW, Washington, DC 200 A
Tel: 202 326 6600
www.aaas.org

PAYEE (9)(a)

AAAS Research Competitiveness Program

Rm. 730

CITY / STATE / ZIP: Washington, DC 20005

COUNTRY

Phone: x7047

RECEIVED Non-Resident Alien Only
AUG 26 2016
I-94
GRANTS DEPT. VISA
W-8BEN
Wd CAC

AAAS ADVANCING SCIENCE, SERVING SOCIETY

American Association for the Advancement of Science
1200 New York Avenue, NW Washington, DC 20005

Travel Expense Report

Document Ref #:

Sponsoring Office: RCP

AAAS Contact (9)(a)

Contact Phone:

TRAVEL LOCATION (CITY, STATE, COUNTRY): Addis Ababa, Ethiopia

DATES: 22-30 July 2016

BUSINESS JUSTIFICATION FOR TRIP: Implement Proposal Writing workshop in Ethiopia (Metablota)
Metablota paid for lodging

Date	Transportation: Air/Train fare	Jan '16 auto mileage ($0.575): miles	$	Other (taxi, bus, rental car)	Lodging	Meals	Misc. Expense	Explanation of Expense (For example: Internet, taxi "to-from" other information to support expense. For business meals, include guest name, affiliation and business purpose.)	SUBTOTAL
6/20/16	2459.66		0.00				88.93	R/T economy airfare DC-Addis Ababa (booked via Concur)	$ 2,459.66
7/8/16			0.00				99.94	workshop supplies from Staples	$ 88.93
7/11/16			0.00					visa expenses (visa payment $70, money order fee $5, mailers for passports to/from embassy $24.94)	$ 99.94
7/22/16			0.00	✓ 27.26		3.17		Taxi home to Dulles, bottle of water at Dulles ($3.17); croissant in Frankfurt airport ($2.42)	$ 30.43
7/24/16			0.00			30.21		Coffee ($1.09); Lunch ($16.05); Beer ($13.07)	$ 30.21
7/25/16			0.00			29.58			$ 29.58
7/26/16			0.00			8.19			$ 8.19
7/27/16			0.00			27.96			$ 27.96
7/28/16			0.00			36.91			$ 36.91
7/29/16			0.00			8.71			$ 8.71
7/30/16			0.00	51.00		25.53		Breakfast at Heathrow ($25.53 = 19.29 GBP); Taxi Dulles to home ($51.00)	$ 76.53
PAGE 1	2459.66	0	0.00	78.26	0.00	168.26	188.87		$ 2,895.07
Page 2	0.00	0	0.00	0.00	0.00	0.00	0.00	For expenses in foreign currency, please provide exchange information on attached documentation. **Report ONLY US-dollar amounts on this form.**	$
TOTAL	2459.66	0	0.00	78.26	0.00	168.26	188.87		$ 2,895.07

*Attach itemized receipts for items over $25. If no receipt is available, attach a short statement explaining the lack of record and providing detail(s) on the expense.

ACCOUNT CODES INCLUDING ANY AAAS ADVANCES

1-52-4199-5000-8615
1-52-4796-5000-7305
1-52-4796-5000-7400

AMOUNTS		
	TOTAL TRAVEL/EXPENSE (BOTH PAGES)	$ 2,895.07
	LESS: CASH ADVANCE	$
15.45	LESS: TRAVEL AGENCY/OTHER AAAS ADVANCE	$ 2,459.66
331.02	LESS: PERSONAL CHARGES INCLUDED ABOVE	
88.93	TOTAL DUE TRAVELER	$ 435.41
	TOTAL DUE AAAS	

***CERTIFICATION:** By signing this document, I certify the expenses I am claiming for reimbursement represent full costs for the event/trip undertaken, and that all expenses are authorized actual costs incurred on AAAS business, and in accordance with AAAS policies.*

Signature (9)(a) Date 23 Aug 16

APPROVAL: By approving this document, I verify that I have reviewed these expenses and documentation, that these expenses support the programs listed, are authorized, and that they are in accordance with AAAS [illegible]

Approved by (9)(a) Date 24 Aug 16

Finance Review By: 8/31/16

PI _____ Office _____

GLOBAL
BUSINESS TRAVEL

Generated 20 June 2016 19:28 GMT

Invoice Booking Reference **QULLGU**

Trip ID - 11623516654

Passenger Name(s)

(b)(6)

AMER ASSN. FOR THE ADVANCEMENT OF SCIENCE
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCES

(b)(6) 033267047
1200 NEW YORK AVENUE NW
WASHINGTON DC 20005

Agent LE

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BILLING CODE 1524187500-7530

Invoice Information

Invoice Date	20 June 2016
Invoice	0241174
Customer Booking Number	QULLGU-1S

Invoice Details

Ticket Number	0167840273128
Airline Name	UNITED AIRLINES
Passenger Name	[redacted]
Flight Details	22 Jul 2016 UNITED AIRLINES 0989 Q Class WASHINGTON/DULLES,VA/FRANKFURT,GERMANY 23 Jul 2016 UNITED AIRLINES 9112 Q Class FRANKFURT,GERMANY/ADDIS ABABA,ETHIOPIA 30 Jul 2016 UNITED AIRLINES 7183 Q Class ADDIS ABABA,ETHIOPIA/LONDON/HEATHROW,UK 30 Jul 2016 UNITED AIRLINES 0919 Q Class LONDON/HEATHROW,UK/WASHINGTON/DULLES,VA

Charges

Ticket Base Fare	1858.00
Ticket Tax Fare	566.66
Total (USD) Ticket Amount	2424.66
Air Ra Transaction or Booking Fee	35.00
Total	2459.66

Credit Card Information

Charged to Card	AX XXXXXXXXXXX1003	35.00
Charged to Card	AX XXXXXXXXXXX1003	2424.66

Payment Details

Charged by American Express Global Business Trave		35.00
Charged by Airline		2424.66
Total Invoice Charge	**USD**	**2459.66**

Friday 22 July 2016

05:20 PM **Washington (IAD) to Frankfurt (FRA)**

Airline Booking Ref: P20MWX
Carrier: United Airlines **Flight:** UA 989 **Status:** Confirmed
Operated By: United Airlines
Origin: Washington DC Washington Dulles Intl (IAD)
Departing Friday 22 July 2016 at 05:20 PM **Departure Terminal:** Not Applicable
Destination: Frankfurt, Frankfurt Intl (FRA
Arriving: Saturday 23 July 2016 at 07:20 AM **Arrival Terminal:** TERMINAL 1
Additional Information

Class Economy **Distance** [illegible] Miles **Estimated Time** 08 hours [illegible] minute
Aircraft Type Boeing 777 **Seat** [illegible]
Meal Service Dinner
Frequent Flyer Number: UAUVM92 25
Number of Stops 1

Saturday 23 July 2016

10:20 AM **Frankfurt (FRA) to Addis Ababa (ADD)**

Airline Booking Ref: P20MWX
Carrier: United Airlines **Flight:** UA 9112 **Status:** Confirmed
Operated By: Lufthansa
Origin: Frankfurt Frankfurt Intl (FRA)
Departing: Saturday 23 July 2016 at 10:20 AM **Departure Terminal:** TERMINAL 1
Destination: Addis Ababa Bole Airport (ADD)
Arriving: Saturday 23 July 2016 at 08:35 PM **Arrival Terminal:** TERMINAL 2
Additional Information

Class: Economy **Distance:** 3446 Miles **Estimated Time** 8 hours 10 minutes
Aircraft Type Airbus Industrie A33[illegible] **Seat:** 42D
Meal Service: Meal
Frequent Flyer Number: UAUVM92725
Number of Stops: 1
Stop/Transit: JEDDAH JEDDAH KING ABDUL AZIZ INTERNATIONAL

Saturday 30 July 2016

01:00 AM **Addis Ababa (ADD) to London (LHR)**

Airline Booking Ref: P20MWX
Carrier: United Airlines **Flight:** UA 7183 **Status:** Confirmed
Operated By: Ethiopian Airlines
Origin: Addis Ababa Bole Airport (ADD)
Departing: Saturday 30 July 2016 at 01:00 AM **Departure Terminal:** TERMINAL 2
Destination: London Heathrow (LHR)
Arriving: Saturday 30 July 2016 at 06:50 AM **Arrival Terminal:** TERMINAL 2

Additional Information

Class: Economy **Distance:** 4668 Miles **Estimated Time:** 07 hours 50 minutes
Aircraft Type: Boeing 777-200LR **Seat:**
Meal Service: Not Applicable
Frequent Flyer Number: UAUVM92725
Number of Stops: 0

12:15 PM **London (LHR) to Washington (IAD)**

Airline Booking Ref: P20MWX
Carrier: United Airlines **Flight:** UA 919 **Status:** Confirmed
Operated By: United Airlines
Origin: London, Heathrow (LHR)
Departing: Saturday 30 July 2016 at 12:15 PM **Departure Terminal:** TERMINAL 2
Destination: Washington, DC, Washington Dulles Intl (IAD)
Arriving: Saturday 30 July 2016 at 03:25 PM **Arrival Terminal:** Not Applicable

Additional Information

Class: Economy **Distance:** 3[illegible] Miles **Estimated Time:** 08 hours 10 minutes
Aircraft Type: Boeing 777 **Seat:** 4[illegible]
Meal Service: Lunch
Frequent Flyer Number: UAUVM92725
Number of Stops: 0

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A VALID PASSPORT IS REQUIRED FOR ALL INTERNATIONAL DESTINATIONS
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STAPLES

1250 H Street N.W., Site 100
Washington, DC 20005
(202) 638-3907

SALE 1804971 8 007 00562
0218 07/06/16 12:36

QTY	SKU		PRICE
2	POST-IT 3X3 SS CNR * 021200531736	10.000ea	20.00
1	POST-IT 4X6 SS LND 021200469077		14.99
1	POST-IT 6X8 SS LND 021200467783		12.29
1	SHARPIE MARKER FIN 071641300026		11.79
2	SIGNA PERF PAD LTR 718103177863	12.490ea	24.98
1	BAG FEE 909218		0.05N
SUBTOTAL			84.10
	Standard Tax 5.750%		4.83
TOTAL			$88.93

MasterCard USD$88.93
Card No.: XXXXXXXXXXXX7340 [C]
Chip Read
Auth No.: 20065P
AID.: A0000000041010

TOTAL ITEMS 8

*Item is currently on promotion. Some coupons are only valid on regular priced items. Please see coupon terms and conditions for details.

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Washington, DC 20005
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SALE 1545348 10 007 00924
0218 07/11/16 11:20

QTY	SKU	PRICE
1	STPLS 12PK BUBBL M 718103226981	13.79
1	STAPLES 12PK BUBBL 718103226998	9.79
SUBTOTAL		23.58
	Standard Tax 5.750%	1.36
TOTAL		$24.94

MasterCard USD$24.94
Card No.: XXXXXXXXXXXX7340 [C]
Chip Read
Auth No.: 18259P
AID.: A0000000041010

TOTAL ITEMS 2

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BANK CHECKS | DETAILS

	FROM / DEBIT			TO / CREDIT
532657871	$75	Bank Check	Money Order	
	2	Fee	[illegible]	$5.00
	$75.00			$75.00

0008003 Office AU # [illegible]24 [illegible]10(6)

PERSONAL MONEY ORDER

SERIAL #: 6600308670

ACCOUNT#: 4861-509842

Remitter: CHARLES E DUNLAP
Purchaser: CHARLES E DUNLAP
Purchaser Account: 0532657871
Operator ID: u275697
Funding Source: Electronic Items(s), Paper Items(s)

PAY TO THE ORDER OF ***EMBASSY OF ETHIOPIA***

July 11, 2016

Seventy dollars and no cents

$70.00

Payee Address
Memo

Accepted C

WELLS FARGO BANK, N.A.
1300 I ST NW
WASHINGTON, DC 2003
FOR INQUIRIES CALL (1) [illegible] 194-0122

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NON-NEGOTIABLE

75.00
0.00

Purchaser Copy

D004 [illegible] 8010 360

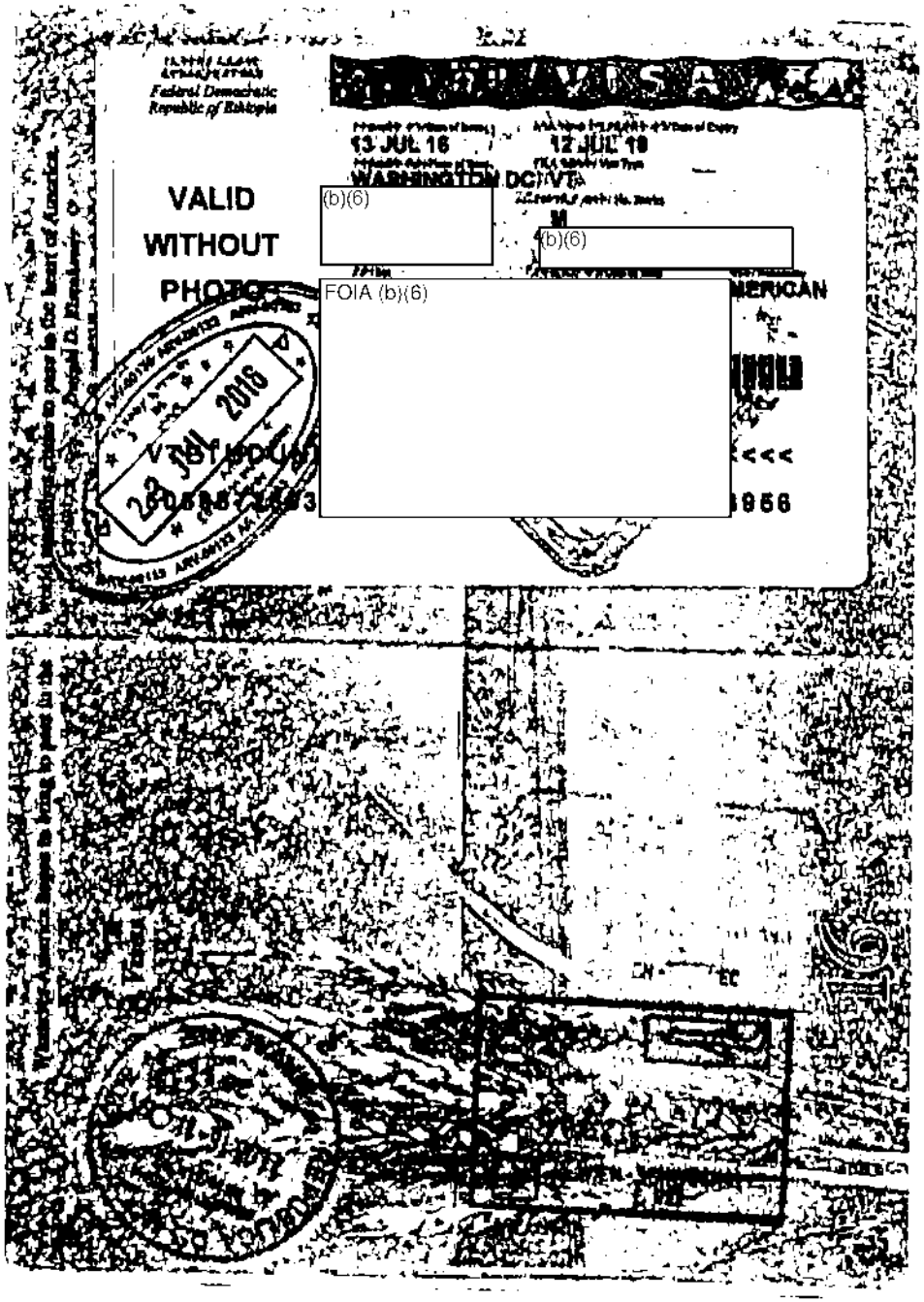
TELLER ID: L275697 CASHLINE: 02 POSTING DATE: 07/11/2016 CALENDAR DATE: 07/11/2016 11:12:35AM

SEQ: 0250030

Start

NDAY, JULY 11, 2016 11:13:21 AM >> KEY'YON

11:13 AM



Federal Democratic Republic of Ethiopia

VALID WITHOUT PHOTO

13 JUL 16

12 JUL 19

WASHINGTON DC VT

(b)(6)

(b)(6)

FOIA (b)(6)

23 JUL 2016

<<<

1956

UBER

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YOUR TRIP

1:56 PM on July 22 2016

FOIA (b)(6)

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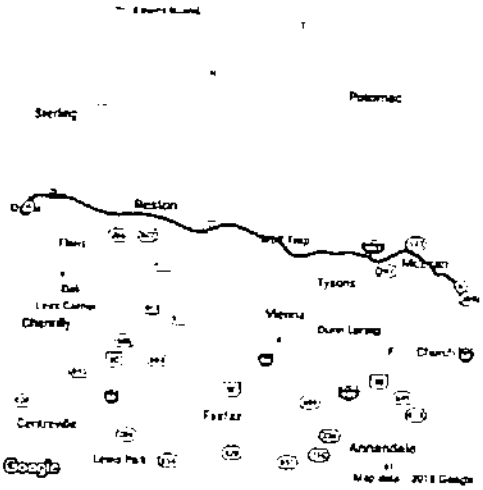


FOIA (b)(6)

CAR	MILES	TRIP TIME
UBERX	18.62	00:27:57

FARE BREAKDOWN

Trip fare	32.28
Subtotal	**$32.28**
Promotion	5.00
CHARGED Personal ···· 7340	**$27.28**



You rode with TIMOTHY

RATE YOUR RIDE ★★★★★

Hudson News

DULLES INT'L AIRPORT
TERMINAL A
STER ING. VA 20166
STORE 01404 REG 002 CASHIER (b)(6)
GLACEAU SMART WATER 700
786162001511 1 0 . 99 2 9
SUBTOTAL 2 99
SALES TAX (6 00000%) 18
TOTAL 3 17
AMOUNT TENDERED
Cash 5 00

TOTAL PAYMENT 5 00
CHANGE 1 83
Transaction 85560 7/22/2016 4 20 PM
Comments\Inquiries? (800) 326-7711
or Comments@Hudsongroup com
Thank you for shopping with us

556001404002 7222016

A.A S/C [illegible] 01 H NO 6[illegible]
PIASSO CATEDRAL [illegible] AREA
TEL:0911221412/011111.490

FS No.00357151
24/07/2016 1[illegible]

# # # # # # # #
CASH SALES INVOICE
Ref No: 00357014
Reference: CSI-[illegible]
Associate: (b)(6)
Sales Rep: [illegible]
Customer
# # # # # # # #
2.000 - 10.430 -
Macciato +20.86
SUBTOTAL: +20 86

TXBL1 +20.85
TAX1 15% +3.13

TOTAL: +23.99
CASH +23.99
ITEM# 1
ET BEB0036980

DAISY FX 1200

THE PERFECTIONIST CAFE
TERMINAL 2
THE QUEENS TERMINAL
M***20213 TID****0944
AID : A0000000041010
MasterCard
MASTERCARD
**** **** **** 7340
ICC PAN SEQ 01

SALE
CARDHOLDER COPY
PLEASE KEEP THIS RECEIPT
FOR YOUR RECORDS

AMOUNT £19.29
Verified by Signature
THANK YOU
08:54 30/07/16
AUTH CODE: 412910

---- TEAR HERE ----
CUSTOMER COPY

Washington Flyer (CAT)
CAB-DR ID 543-63481
2016-07-30 16:09
2016-07-30 16:47
DISTANCE 18.30
FARE $44.00
TIP 7.00
TOTAL 51.00

Paid By:
VISA
4147XXXXXXXX7928

THANK YOU
CALL AGAIN
703 224-2022



COMMERCIAL BANK
ETHIOPIA

16/07/29 21:29:25
RADISSON BLUE HOTEL
MID:00093[illegible]00000
TID:00009354
Session:
TRN-#:21
TRANSACTION ACCEPTED
Pre-Auth Compl

(b)(4); (b)(6) [M]

AMOUNT:3019.92
[ETB]
AUTO:75454Z OFFLINE

[Customer Copy]

Powered By SSC
X----------

TIN: 0003006345

THE EMERALD ADDIS HOTELS
PLC
S/CITY'KIRKOS, W. 01, H.NO. NEW/4B401
KASSANCHES BUSINESS DISTRICT, ADDIS ABABA
TEL. +251 11 515 7800

EJ Rec.00072828 01
FS No. 00027901 DATE: 29/07/2016 21:36

CASHIER NO & NAME:51(b)(6)
GUEST NAME:Charles Dunrap
FOLIO No:84896
ROOM No:403

Minibar Beverage NA.	1 200.00	*200.00
Signature Bar Lunch Food	1 830.50	*830.50
Signature Bar Din Bev Alc.	1 143.48	*143.48
Signature Bar Lunch Bev NA.	1 34.78	*34.78
Tomoca Bfst Food	1 352.15	*352.15
Tomoca Bfst Tips	1 4.20	*4.20
Varres En Vers Lunch Food	1 973.91	*973.91
Varres En Vers Lunch Tips	1 87.00	*87.00

TAXABLE 1 *2626.02
TAX 1 15% *393.90
TOTAL: ***3019.92**
Ref: MasterCard
EUR ***3019.92**
ITEM COUNT 8

ET AAD0017570

E

Radisson BLU
HOTEL, ADDIS ABABA

ATTACHMENT

(b)(6)
425 California Street
Suite 200
CA 94104

Page No.: 1 of 2
Date: 29.07.16
Folio No.: 84896
Cashier: (b)(6)
Arrival: 23.07.16
Departure: 29.07.16
C/O Time: 00:00
Room No.: 403
T.I.N:

TIN No.:
VAT No.:
Membership No: (b)(6)
A/R Number:
Company Name:

Date	Description		Charges	Credits
24.07.16	Minibar Beverage NA.	Room#403 : CHECK#0055564	120.00	beer
24.07.16	Signature Bar Lunch Food	Room#403 : CHECK#0022885	350.03	
24.07.16	Signature Bar Din Bev Alc	Room#403 : CHECK#0022915	165.00	beer
25.07.16	Signature Bar Lunch Food	Room#403 : CHECK#0022032	645.04	
26.07.16	Tomoca Bfst Food	Room#403 : CHECK#0033058	134.99	
27.07.16	Tomoca Bfst Food	Room#403 : CHECK#0033131	49.83	
27.07.16	Verres En Vers Lunch Food	Room#403 : CHECK#0011439	560.00	
28.07.16	Tomoca Bfst Food	Room#403 : CHECK#0033202	89.99	
28.07.16	Minibar Beverage NA.	Room#403 : CHECK#0055604	55.00	
28.07.16	Verres En Vers Lunch Food	Room#403 : CHECK#0011539	660.05	
29.07.16	Tomoca Bfst Food	Room#402 : CHECK#0033285	89.99	
29.07.16	Tomoca Bfst Food	Room#403 : CHECK#0033294	45.00	
29.07.16	Minibar Beverage NA.	Room#402 : CHECK#0055615 Ertu	55.00	beer
29.07.16	MasterCard			3,019.92
		Total	3,019.92	3,019.92
		Balance		0.00 ETB

Effective exchange rate 21.81 birr/USD

VAT Distribution

N T A

44

V 2. 55

T

Total (USD)	**138.46**
Total (EUR)	**124.48**
Total (GBP)	**104.17**

Than you for staying at the Radisson Blu Hotel Addis Ababa
I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company or association fails to pay for any part or the full amount of these charges

Guest Signature

Radisson BLU
HOTEL, ADDIS ABABA

ATTACHMENT

(b)(6)

425 California Street
Suite 200
CA 94104

Page No.: 2 of 2
Date: 29.07.16
Folio No.: 84896
Cashier: (b)(6)
Arrival: 23.07.16
Departure: 29.07.16
C/O Time: 00:00
Room No: 403
T.I.N:

TIN No:
VAT No:
Membership No (b)(6)
A/R Number:
Company Name:

Items marked with an * are not eligible for GP+ earning for more information about what qualifies and Club Carlson programme, please visit www.clubcarlson.com

INVALID WITHOUT FISCAL OR REFUND RECEIPT ATTACHED

Any dispute on this invoice should be intimated within 30 days, failing which this invoice will be treated as accepted.
Credit Terms: 30 Days from the date of invoice For any assistance please call the Credit Supervisor at extension 3322.

Bank Details (Birr): The Emerald Addis Hotel PLC Account No. 1032210008733027, Zemen Bank S C Swift code: ZEMEETA
(Euro) The Emerald Addis Hotel PLC. Account No. 0006518196024, Dashen Bank S C Swift code: DASHETAA

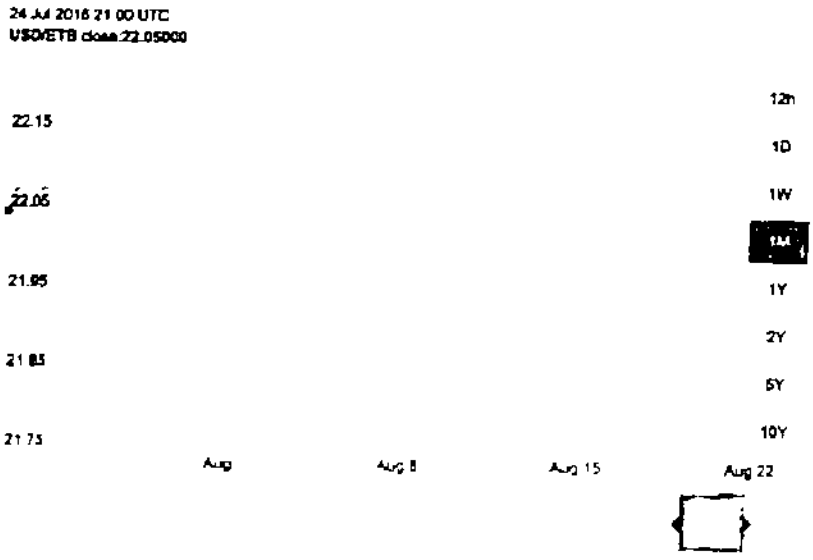
Correspondent Bank: (for USD) CITI BANK N.A NEW YORK SWIFT CODE. CITIUS33 USD TRANSFER ROUTING NO 021000089 USA.
Correspondent Bank: (for EUR) COMMERZ BANK AG FRANKFERT SWIFT CODE.COBADEFFXXX EURO/USD TRANSFER GERMANY

Radisson Blu Hotel
Kirkos Subcity, Kebele 17/18
P.O Box 21555, Kazanchis Business District,
Addis Ababa, Ethiopia
T +251 15 15 7600, F +251 15 15 7601
www.radissonblu.com/hotel-addisabeba

XE.com exchange rates:



below is for the coffee receipt; hotel used a slightly different exchange rate which is noted on the hotel receipt



PAYEE: (b)(6)

FOIA (b)(6)

CITY / STATE / ZIP:

COUNTRY:

Phone:

RECEIVED
NOV 0 3 2016
GRANTS DEPT.

Non-Resident Alien Only

I-94

VISA

W-8BEN

CAC

AAAS

American Association for the Advancement of Science
1200 New York Avenue, NW Washington, DC 20005

Travel Expense Report

Document Ref #

Sponsoring Office:

AAAS Contact:

Contact Phone

page

TRAVEL LOCATION (CITY, STATE, COUNTRY)	DATES	BUSINESS JUSTIFICATION FOR TRIP
International travel dates:	7/22/16-7/30/16	Teach a 5 day Proposal Writing Workshop to Researchers (implemented by Metabiota)
On site in Addis Ababa, Ethiopia:	7/23/16-7/29/17	Exchange Rate: 1USD=21 81 Birr (based on hotel receipt rate)

Date	Transportation: Air/Train fare	Jan '15 auto mileage ($0.575): miles	$$	Other (taxi, bus, rental car)	Lodging	Meals	Misc. Expense	Explanation of Expense: For example, internet, taxi "to-from", other information to support expense. For business meals include guest name, affiliation and business purpose	SUBTOTAL
6/20/2016	✓ 2446.66	✓	0 00					R/T Washington Dulles to Addis Ababa, Ethiopia	$ 2,446
7/12/2016			0 00				✓✓ 163.00	Visa Application Money Order (Spelly) Postage to Embassy for Application (Cdunlap and Spelly)	$ 163
7/21/2016			0 00	✓✓ 14.02				2 Uber trips Meeting at Metabiota, followed by Travel Clinic visit for immunizations	$ 14
7/21/2016			0 00				✓✓ 135 00	Travel Immunizations	$ 135
7/22/2016			0 00	✓✓ 44 22		✓✓ 8 46		Uber from Home to Dulles Airport, Snacks in transit	$ 52
7/23/2016			0.00			✓✓ 23 50		Water and Snacks in transit at Frankfurt Airport (4 28+7 46) Snack/meal at hotel ($11 76)	$ 23
7/24/2016			0.00	22.90		✓ ✓ 44 89	17 42	500 Birr/22.9USD taxi ride (no receipt)/ Coffee Breakfast and Dinner at Hotel/Printing Cost (17 42)	$ 85
7/25/2016			0 00			✓ 53 13		Breakfast, Lunch, Dinner and Snack/Coffee at Hotel	$ 53
7/26/2016			0 00			✓ 14 62		Dinner (4 39 Alc, 10 23 Food) No breakfast Lunch covered by workshop	$ 14
7/27/2016			0 00			43 38		Lunch at Hotel (25 68), Dinner Cdunlap and Spelly (Alc. 2 28, Food, 15 4)	$ 43
7/28/2016			0 00			53.44		Lunch at Hotel (25 68), Dinner Cdunlap and Spelly (Alc. 10 46, Food, 17 3)	$ 53
PAGE 1	2446.66	0	0 00	81 14	0 00	241 40	315.42		$ 3,084
Page 2	0.00	0	0 00	76.11	0.00	43 38	0.00	For expenses in foreign currency, please provide exchange information on attached documentation. **Report ONLY US-dollar amounts on this form**	$ 119
TOTAL	2446 66	0	0.00	157.25	0 00	284 78	315 42		$ 3,204

*Attach itemized receipts for items over $25. If no receipt is available, attach a short statement explaining the lack of record and providing detail(s) on the expense.

ACCOUNT CODES INCLUDING ANY AAAS ADVANCES	AMOUNTS		
1-52-4796-5000-7305		TOTAL TRAVEL/EXPENSE (BOTH PAGES)	$ 3,204
1-52-4796-5000-7100	720 15	LESS CASH ADVANCE	
1-52-4199-5000-8615	17 42	LESS TRAVEL AGENCY/OTHER AAAS ADVANCE	$ 2,448
~~1-81-304 (travel advance)~~ KKB	19 88	LESS PERSONAL CHARGES INCLUDED ABOVE	
	KKB 2,448.66	TOTAL DUE TRAVELER	$ 757
		TOTAL DUE AAAS	

***CERTIFICATION:** By signing this document, I certify the expenses I am claiming for reimbursement represent full costs for the event/trip undertaken, and that all expenses are authorized actual costs incurred on AAAS business, and in accordance with AAAS policies.*

(b)(6)

Signature

8/9/16
Date

APPROVAL. By approving this document, I verify that I have reviewed these expens and documentation, that these expenses support the programs listed, are authorized and that they are in accordance with AAAS policies

(b)(6)

2 Nov. '16
Date

Finance Review By (b)(6) 11/7/16

PI _____ Office: _____

Contract on file

PAYEE: (b)(6)

ADDRESS: FOIA (b)(6)

CITY / STATE / ZIP

COUNTRY

Phone

AAAS

American Association for the Advancement of Science
1200 New York Avenue, NW Washington, DC 20005

Travel Expense Report

Document Ref # -42580

Sponsoring Office

AAAS Contact

Contact Phone

DATE	Transportation				Lodging	Meals	Misc. Expenses	Explanation of Expense	SUBTOTAL
	Air/Train fare	Jan '15 auto mileage ($0.575/ miles	$$	Other (taxi, bus, rental car)				For example, Internet, taxi "to-from", other information to support expense For business meals include guest name, affiliation and business purpose	
7/29/2016			0.00	32.10		43.38		Lunch at Hotel (25.68), Dinner (b)(6) (Alc. 2.75, Food. 14.95), Airport transfer	$ 75.48
7/30/2016			0.00	44.01				Uber from Dulles airport to Home	$ 44.01
			0.00						$
			0.00						$
			0.00						$
			0.00					*Note. All lodging was paid for by Metabiota on site	$
			0.00						$
			0.00						$
			0.00						$
			0.00						$
			0.00						$
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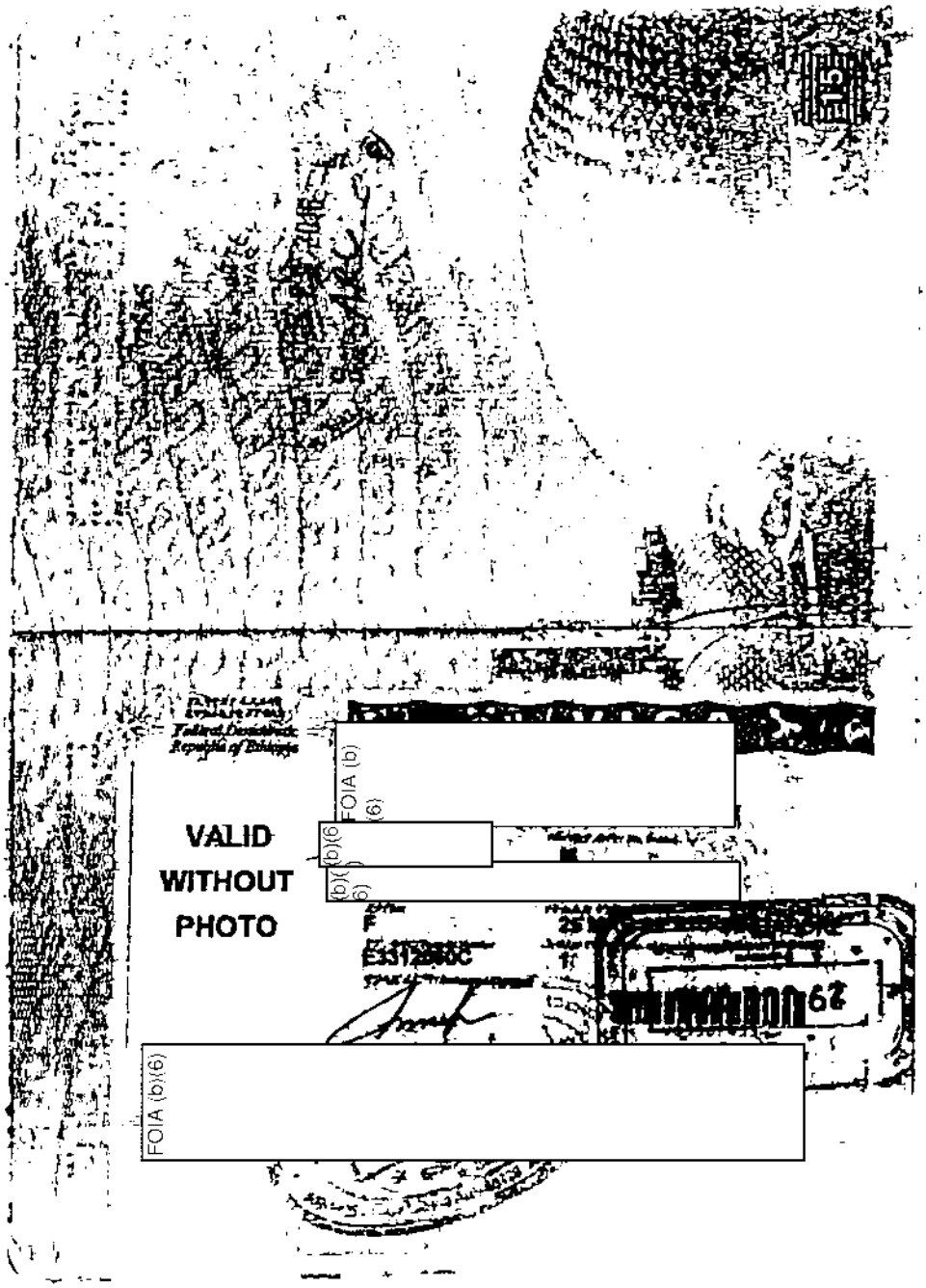
PAGE 2	0.00	0	0.00	76.11	0.00	43.38	0.00		$ 119.49


VALID
WITHOUT
PHOTO
FOIA (b)(6)
FOIA (b)(6)
FOIA (b)(6)
FOIA (b)(6)

GLOBAL BUSINESS TRAVEL

Generated: 20 June 2016 19 21 GMT

Invoice Booking Reference **VVGCXN**

Trip ID - 11927282811

Passenger Name(s)

(b)(6)

AMER ASSOC FOR THE ADVANCEMENT OF SCIENCE
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCES

(b)(6)

1200 NEW YORK AVENUE NW
WASHINGTON, DC 20005

Agent ND

American Express Global Business Travel

Thank you for booking your trip with us.

All of your travel arrangements can be found on the following pages of this itinerary.

Please check your travel details IMMEDIATELY to make sure they are correct. If your travel arrangements are NOT ACCURATE, please contact American Express Global Business Travel WITHIN 24 HOURS OF PURCHASE for regular transactions, or BY MIDNIGHT ON THE SAME DAY OF PURCHASE FOR EXCHANGE TRANSACTIONS, in order to avoid potential airline change fees

To access your trip details online, visit https://mytrips.amexgbt.com

We hope you have a pleasant trip.

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FOIA (b)(6)

Itinerary for cost comparison (layover in London)

BILLING CODE 1524187500-7305

Invoice Information

Invoice Date	20 June 2016
Invoice	0241170
Dossier / Booking Number	VVGCXN-1S

Invoice Details

Ticket Number	0167840273125
Airline Name	UNITED AIRLINES
Passenger Name	[redacted]
Flight Details	22 Jul 2016 UNITED AIRLINES 0989 Q Class WASHINGTON/DULLES,VA/FRANKFURT,GERMANY 23 Jul 2016 UNITED AIRLINES 9112 Q Class FRANKFURT,GERMANY/ADDIS ABABA,ETHIOPIA 30 Jul 2016 UNITED AIRLINES 7183 Q Class ADDIS ABABA,ETHIOPIA/LONDON/HEATHROW,UK 30 Jul 2016 UNITED AIRLINES 0925 Q Class LONDON/HEATHROW,UK/WASHINGTON/DULLES,VA

Charges

Ticket Base Fare	1858.00
Ticket Tax Fare	566.66
Total (USD) Ticket Amount	2424.66
Air Rail Transaction or Booking Fee	22.00
Total	2446.66

Credit Card Information

Charged to Card	AX XXXXXXXXXXX1003	22.00
Charged to Card	AX XXXXXXXXXXX1003	2424.66

Payment Details

Charged by American Express Global Business Travel		22.00
Charged by Airline		2424.66
Total Invoice Charge	**USD**	2446.66

Friday 22 July 2016

05:20 PM **Washington (IAD) to Frankfurt (FRA)**

Airline Booking Ref: P21N4B
Carrier: United A lines **Flight:** UA 989 **Status:** Confirmed
Operated By: Un ted Airlines
Origin: Washingt n DC Washington Dulles Intl (IAD)
Departing: Friday 2 July 2016 at 05 20 PM **Departure Terminal:** Not Applicable
Destination: Fran furt Frankfurt Intl (FRA)
Arriving: Saturday 3 July 2016 at 07 .0 AM **Arrival Terminal:** TERMINAL 1

Additional Information

Class: Economy
Aircraft Type: Boeing 7 7
Meal Service: Dinner
Frequent Flyer Number: UAGZA79875
Number of Stops: 0
Distance 4 Miles **Estimated Time:** 08 hours 00 m
Seat: 41D

Saturday 23 July 2016

10:20 AM **Frankfurt (FRA) to Addis Ababa (ADD)**

Airline Booking Ref: P21N4B
Carrier: United Airlines **Flight:** UA 9112 **Status:** Confirmed
Operated By: Lufthansa
Origin: Frankfurt, Frankfurt Intl (FRA)
Departing: Saturday 23 July 2016 at 10 20 AM **Departure Terminal:** TERMINAL 1
Destination: Addis Ababa Bole Airport (ADD)
Arriving: Saturday 23 uly 2016 at 08 35 PM **Arrival Terminal:** TERMINAL 2

Additional Information

Class
A rcraft
Me l S
F ue
Numbe
Stop/Tra
ta c
Estimated Time

Saturday 30 July 2016

01:00 AM **Addis Ababa (ADD) to London (LHR)**

Airline Booking Ref: P21N4B
Carrier: United Airlines **Flight:** UA 7183 **Status:** Confirmed
Operated By: Ethiopian Airlines
Origin: Addis Ababa, Bole Airport (ADD)
Departing: Saturday 30 July 2016 at 01 00 AM **Departure Terminal:** TERMINAL 2
Destination: London, Heathrow (LHR)
Arriving: Saturday 30 July 2016 at 06 50 AM **Arrival Terminal:** TERMINAL 2

Additional Information

Class: Economy **Distance** 3668 M[illegible] **Estimated Time** 0[illegible] hours 50 minutes
Aircraft Type: Boeing 777-200LR **Seat:** 13H
Meal Service: Not Applicable
Frequent Flyer Number: UAGZA79875
Number of Stops: 0

04:20 PM **London (LHR) to Washington (IAD)**

Airline Booking Ref: P21N4B
Carrier: United Airlines **Flight:** UA 925 **Status:** Confirmed
Operated By: United Airlines
Origin: London, Heathrow (LHR)
Departing: Saturday 30 July 2016 at 04 20 PM **Departure Terminal:** TERMINAL 2
Destination: Washington, DC Washington Dulles Intl (IAD)
Arriving: Saturday 30 July 2016 at 07 30 PM **Arrival Terminal:** Not Applicable

Additional Information

Class: Economy **Distance:** 3678 Miles **Estimated Time:** 08 hours 10 minutes
Aircraft Type: Boeing 777 **Seat:** Not Assigned
Meal Service: Dinner
Frequent Flyer Number: UAGZA 9875
Number of Stops: 0
SEAT SELECTION-AIRPORT CHECK IN ONLY
**********IMPORTANT VISA/PASSPORT SERVICE INFORMATION**********
A VALID PASSPORT IS REQUIRED FOR ALL INTERNATIONAL DESTINATIONS.
ADDITIONAL DOCUMENTATION SUCH AS A VISA MAY ALSO BE REQUIRED.
SOME COUNTRIES REQUIRE YOUR PASSPORT BE VALID FOR 6 MONTHS
BEYOND YOUR INTENDED STAY FOR ALL INTERNATIONAL TRAVEL
DOCUMENTATION REQUIREMENTS AND TO OBTAIN SPECIAL NEGOTIATED RATES
FOR AMERICAN EXPRESS GLOBAL BUSINESS TRAVEL
CUSTOMERS PLEASE ACCESS
WWW.TRAVISA.COM/AMERICANEXPRESS OR WWW.CIBT.COM/AMERICANEXPRESS

Additional Messages

For Changes And Cancellations Contact 800-327-2737
International Travelers Call
1-336-291-0098 - Access Code - S-4pva

Please check in 2-3 hours prior to departure depending on airline and destination. Contact American Express for specific check in times.

A government issued photo ID is required at check in. Tickets may be non-refundable, non-endorsable, non-changeable or require advance notice to change, subject to penalty/transaction fee, and only valid on same carrier. Please contact the phone number listed above for complete ticket restrictions.

GLOBAL
BUSINESS TRAVEL

Generated: 20 June 2016 19 28 GMT

Invoice Booking Reference **QULLGU**

Trip ID - 11623516654

Passenger Name(s)

(b)(6)

Agent LE

el

AMER ASSOC FOR THE ADV N
AMERICAN ASSOCIATION FOR
SCIENCES
(b)(6)
1200 NEW YORK AV NUE N
WASHINGTON DC 20005

Thank you for booking your trip with us.

All of your travel arrangements can be found on the following pages of this itinerary.

Please check your travel details IMMEDIATELY to make sure they are correct. If your travel arrangements are NOT ACCURATE, please contact American Express Global Business Travel WITHIN 24 HOURS OF PURCHASE for regular transactions, or BY MIDNIGHT ON THE SAME DAY OF PURCHASE FOR EXCHANGE TRANSACTIONS, in order to avoid potential airline change fees.

To access your trip details online, visit https://mytrips.amexgbt.com

We hope you have a pleasant trip

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Prior to booking, please review your company's corporate travel policy in detail or check with your travel manager to ensure the booking is in compliance with your company's corporate travel policy

Fulfillment of this offer or service will be managed by the advertiser. If you do not wish to receive marketing on your itinerary in the future, you can change your preferences by opting-out in your travel portal.

BI LING

Inv ice Information

In oice Date	20 June 2016
In oice	0241174
D ssier B o g N mber	QULLGU 1S

Invoice Details

Ticket Number	0167840273128
Airline Name	UNITED AIRLINES
Passenger Nam e	(b)(6)
Flight Details	22 Jul 2016 UNITED AIRLINES 0989 Q Class WASHINGTON/DULLES,VA/FRANKFURT,GERMANY 23 Jul 2016 UNITED AIRLINES 9112 Q Class FRANKFURT,GERMANY/ADDIS ABABA,ETHIOPIA 30 Jul 2016 UNITED AIRLINES 7183 Q Class ADDIS ABABA,ETHIOPIA/LONDON/HEATHROW,UK 30 Jul 2016 UNITED AIRLINES 0919 Q Class LONDON/HEATHROW,UK/WASHINGTON/DULLES,VA

Charges

Ticket Base Fare	1858.00
Ticket Tax Fare	566.66
Total (USD) Ticket Amount	2424.66
Air Rail Transaction or Booking Fee	35.00
Total	2459.66

Credit Card Information

C rged t rd	AX XXXXXXXXXXX1003	35.00
Charged to Card	AX XXXXXXXXXXX1003	2424.66

Payment Details

Charged by American Express Global Business Travel		35.00
Charged by Airline		2424.66
Total Invoice Charge	**USD**	2459.66

Friday 22 July 2016

05:20 PM **Washington (IAD) to Frankfurt (FRA)**

Airline Booking Ref: P20MWX
Carrier: ited Airlines Flight: UA 989 Status
Operated By: United Airlines
Origin: shingt , DC, Washington Dulles Intl (IAD)
Departing rday 2 July 2016 at 05 20 PM Departure Terminal: Not Applicable
Destination: Fran rt Frankfurt Intl (FRA)
Arriving. turday 23 July 2016 at 07 20 AM Arrival Terminal: TERMINAL 1
Additional ormation

Class E y Distance 4055 Miles Estimated Time: 08 hours 00 minute
Aircraft Typ : Boe g 7 Seat: 41
Meal Servic : D nn
Frequent Fl Number: UAUVM92725
Number of S s

Saturday 23 July 2016

10:20 AM **Frankfurt (FRA) to Addis Ababa (ADD)**

Airline Booking Ref: P20MWX
Carrier: U t d Airli es Flight: UA 9112 Status: Confirmed
Operated By: Luftha sa
Origin: Fr kfurt Frankfurt Intl (FRA)
Departing turday 3 July 2016 at 10 20 AM Departure Terminal: TERMINAL 1
Destination: Add s Ababa, Bole Airport (ADD)
Arriving: S rday July 2016 at 08 35 PM Arrival Terminal: TERMINAL 2
Additional Inf tion

Class E y Distance 34 Estimated Time:
Aircraft Type I 33 3 Seat: 42
Meal Service Me
Frequent Flyer Number: 1 2
Number of Stops
Stop/Transit: H K N AB AZIZ N E NA

Saturday 30 July 2016

01:00 AM **Addis Ababa (ADD) to London (LHR)**

Airline Booking Ref: P20MWX
Carrier: United Airlines **Flight:** UA 7183 **Status:** Confirmed
Operated By: Ethiopian Airlines
Origin: Addis Ababa, Bole Airport (ADD)
Departing: Saturday 30 July 2016 at 01:00 AM **Departure Terminal:** TERMINAL 2
Destination: London, Heathrow (LHR)
Arriving: Saturday 30 July 2016 at 06:50 AM **Arrival Terminal:** TERMINAL 2

Additional Information

Class: Economy **Distance:** 3668 Miles **Estimated Time:** 07 hours 50 minutes
Aircraft Type: Boeing 777-200LR **Seat:** 13D
Meal Service Not Applicable
Frequent Flyer Number: UAUVM92725
Number of Stops: 0

12:15 PM **London (LHR) to Washington (IAD)**

Airline Booking Ref: P20MWX
Carrier: United Airlines **Flight:** UA 919 **Status:** Confirmed
Operated By: United Airlines
Origin: London, Heathrow (LHR)
Departing: Saturday 30 July 2016 at 12:15 PM **Departure Terminal:** TERMINAL 2
Destination: Washington, DC, Washington Dulles Intl (IAD)
Arriving: Saturday 30 July 2016 at 03:25 PM **Arrival Terminal:** Not Applicable

Additional Information

Class: Economy **Distance:** 3678 Miles **Estimated Time:** 08 hours 10 minutes
Aircraft Type: Boeing 777 **Seat:** 42H
Meal Service: Lunch
Frequent Flyer Number: UAUVM92725
Number of Stops: 0

**********IMPORTANT VISA/PASSPORT SERVICE INFORMATION**********
A VALID PASSPORT IS REQUIRED FOR ALL INTERNATIONAL DESTINATIONS.
ADDITIONAL DOCUMENTATION SUCH AS A VISA MAY ALSO BE REQUIRED
SOME COUNTRIES REQUIRE YOUR PASSPORT BE VALID FOR 6 MONTHS
BEYOND YOUR INTENDED STAY. FOR ALL INTERNATIONAL TRAVEL
DOCUMENTATION REQUIREMENTS AND TO OBTAIN SPECIAL NEGOTIATED RATES
FOR AMERICAN EXPRESS GLOBAL BUSINESS TRAVEL
CUSTOMERS PLEASE ACCESS
WWW.TRAVISA.COM/AMERICANEXPRESS OR WWW.CIBT.COM/AMERICANEXPRESS

Additional Messages

To Reach The Executive Service Desk Call
Call 800-253-1829 Option 3
If Calling Outside Us/Canada Please Call 336-291-0111
And Use Code S-4pva

Please check in 2-3 hours prior to departure depending on airline and destination. Contact American Express for specific check in times.

A government issued photo ID is required at check in. Tickets may be non-refundable, non-endorsable, non-changeable or require advance notice to change, subject to penalty/transaction fee, and only valid on same carrier. Please contact the phone number listed above for complete ticket restrictions.

FOIA (b)(6)

- Money Order for visa applicatio = $70 00/

- 1) Postage to Ethiopian Embassy, DC #2
  2) Postage from Ethiopian Embassy, DC back to AAA[redacted]2295 (X4)

FOIA (b)(6)

- fee for money order : $1.20.

- Attached credit card statement to verify purchase.

UNITED STATES POSTAL SERVICE

CUSTOMER'S RECEIPT

SEE BACK OF THIS RECEIPT FOR IMPORTANT CLAIM INFORMATION

Pay to

Address

KEEP THIS RECEIPT FOR YOUR RECORDS

NOT NEGOTIABLE

Serial Number

19532374953

Year Month, Day	Post Office	Amount	
2016-07-12	200041	$70.00	15

Bank of America

Online Banking

Shaaretha Current: Account Activity Transaction Details

Post date:	07/12/2016
Amount:	-163.00
Type:	Debit card
Purchaser:	FOIA (b)(6)
Description:	USPS 104978023 07/12 #000211390 PURCHASE USPS 1049780230/8 WASHINGTON DC
Merchant category:	Postal Services - Government Only
Merchant category code:	9402
Expense category:	Government Services



CUSTOMER USE ONLY

FROM: (PLEASE PRINT) PHONE (410) 25 5826

(b)(6)

FOIA (b)(6)

EL 351903997 US

HIS

UNITED STATES POSTAL SERVICE®

PRIORITY ★ MAIL ★ EXPRESS™

GOING TO EMBASSY

PAYMENT BY ACCOUNT (if applicable)

USPS® Corporate Acct. No. | Federal Agency Acct. No. or Postal Service™ Acct. No.

DELIVERY OPTIONS (Customer Use Only)

☐ SIGNATURE REQUIRED Note: The mailer must check the "Signature Required" box if the mailer: 1) Requires the addressee's signature; OR 2) Purchases additional insurance; OR 3) Purchases COD service; OR 4) Purchases Return Receipt service. If the box is not checked, the Postal Service will leave the item in the addressee's mail receptacle or other secure location without attempting to obtain the addressee's signature on delivery.

Delivery Options

☐ No Saturday Delivery (delivered next business day)

☐ Sunday/Holiday Delivery Required (additional fee, where available*)

☐ 10:30 AM Delivery Required (additional fee, where available*)

*Refer to USPS.com® or local Post Office™ for availability.

TO: (PLEASE PRINT) PHONE ( )

Embassy of Ethiopia
3506 International Dr., NW
Washington, DC 20008

ZIP + 4® (U.S. ADDRESSES ONLY)

■ For pickup or USPS Tracking™, visit USPS.com or call 800-222-1811.

■ $100.00 insurance included.

USE (POSTAL SERVICE USE ONLY)

☐ 1-Day ☐ 2-Day ☐ Military ☐ DPO

PO ZIP Code | Scheduled Delivery Date (MM/DD/YY) | Postage

$

Date Accepted (MM/DD/YY) | Scheduled Delivery Time: ☐ 10:30 AM ☐ 3:00 PM ☐ 12 NOON | Insurance Fee $ | COD Fee $

Time Accepted ☐ AM ☐ PM | 10:30 AM Delivery Fee $ | Return Receipt Fee $ | Live Animal Transportation Fee $

Weight ☐ Flat Rate lbs. ozs. | Sunday/Holiday Premium Fee $ | Total Postage & Fees

Acceptance Employee Initials

$

DELIVERY (POSTAL SERVICE USE ONLY)

Delivery Attempt (MM/DD/YY) Time ☐ AM ☐ PM | Employee Signature

Delivery Attempt (MM/DD/YY) Time ☐ AM ☐ PM | Employee Signature

LABEL 11-B, SEPTEMBER 2015 PSN 7690-02-000-9996 2-CUSTOMER COPY

CUSTOMER USE ONLY

FROM: (PLEASE PRINT) PHONE ( )

Embassy of Ethiopia
3506 International Dr. NW
Washington D.C. 20008

EL 351904003 US

HIS

UNITED STATES POSTAL SERVICE®

PRIORITY ★ MAIL ★ EXPRESS™

BACK TO YOU

PAYMENT BY ACCOUNT (if applicable)

USPS® Corporate Acct. No. | Federal Agency Acct. No. or Postal Service™ Acct. No.

DELIVERY OPTIONS (Customer Use Only)

☐ SIGNATURE REQUIRED Note: The mailer must check the "Signature Required" box if the mailer: 1) Requires the addressee's signature; OR 2) Purchases additional insurance; OR 3) Purchases COD service; OR 4) Purchases Return Receipt service. If the box is not checked, the Postal Service will leave the item in the addressee's mail receptacle or other secure location without attempting to obtain the addressee's signature on delivery.

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☐ Sunday/Holiday Delivery Required (additional fee, where available*)

☐ 10:30 AM Delivery Required (additional fee, where available*)

*Refer to USPS.com® or local Post Office™ for availability.

TO: (PLEASE PRINT) PHONE (410) 215 5826

(b)(6)

AAAS
1200 New York Ave., NW
Washington DC 20005

ZIP + 4® (U.S. ADDRESSES ONLY)

■ For pickup or USPS Tracking™, visit USPS.com or call 800-222-1811.

■ $100.00 insurance included.

USE (POSTAL SERVICE USE ONLY)

☐ 1-Day ☐ 2-Day ☐ Military ☐ DPO

PO ZIP Code | Scheduled Delivery Date (MM/DD/YY) | Postage

$

Date Accepted (MM/DD/YY) | Scheduled Delivery Time: ☐ 10:30 AM ☐ 3:00 PM ☐ 12 NOON | Insurance Fee $ | COD Fee $

Time Accepted ☐ AM ☐ PM | 10:30 AM Delivery Fee $ | Return Receipt Fee $ | Live Animal Transportation Fee $

Weight ☐ Flat Rate lbs. ozs. | Sunday/Holiday Premium Fee $ | Total Postage & Fees

Acceptance Employee Initials

$

DELIVERY (POSTAL SERVICE USE ONLY)

Delivery Attempt (MM/DD/YY) Time ☐ AM ☐ PM | Employee Signature

Delivery Attempt (MM/DD/YY) Time ☐ AM ☐ PM | Employee Signature

LABEL 11-B, SEPTEMBER 2015 PSN 7690-02-000-9996 2-CUSTOMER

FROM: (PLEASE PRINT) PHONE

Embassy of Ethiopia
3506 International Dr NW
Washington DC 20008

EL 351903201 US

HER

UNITED STATES POSTAL SERVICE

PRIORITY ★ MAIL ★ EXPRESS™

BACK TO YOU

PAYMENT BY ACCOUNT (if applicable)

USPS® Corporate Acct. No. | Federal Agency Acct. No. or Postal Service™ Acct. No.

DELIVERY OPTIONS (Customer Use Only)

☐ SIGNATURE REQUIRED Note: The mailer must check the "Signature Required" box if the mailer: 1) Requires the addressee's signature; OR 2) Purchases additional insurance; OR 3) Purchases COD service; OR 4) Purchases Return Receipt service. If the box is not checked, the Postal Service will leave the item in the addressee's mail receptacle or other secure location without attempting to obtain the addressee's signature on delivery.

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☐ 10:30 AM Delivery Required (additional fee, where available*)
*Refer to USPS.com® or local Post Office™ for availability.

TO: (PLEASE PRINT) PHONE (410) 215 5826

AAAS
1200 New York Ave. NW
Washington DC 20005

ZIP + 4® (U.S. ADDRESSES ONLY)

* For pickup or USPS Tracking™, visit USPS.com or call 800-222-1811.
* $100.00 Insurance Included.

ORIGIN (POSTAL SERVICE USE ONLY)

☐ 1-Day ☐ 2-Day ☐ Military ☐ DPO

PO ZIP Code | Scheduled Delivery Date (MM/DD/YY) | Postage $

Date Accepted (MM/DD/YY) | Scheduled Delivery Time ☐ 10:30 AM ☐ 3:00 PM ☐ 12 NOON | Insurance Fee $ | COD Fee $

Time Accepted ☐ AM ☐ PM | 10:30 AM Delivery Fee $ | Return Receipt Fee $ | Live Animal Transportation Fee $

Weight ☐ Flat Rate lbs. ozs. | Sunday/Holiday Premium Fee $ | Total Postage & Fees $

Acceptance Employee Initials

DELIVERY (POSTAL SERVICE USE ONLY)

Delivery Attempt (MM/DD/YY) | Time ☐ AM ☐ PM | Employee Signature

Delivery Attempt (MM/DD/YY) | Time ☐ AM ☐ PM | Employee Signature

LABEL 11-B, SEPTEMBER 2015 PSN 7690-02-000-9996 2-CUSTOMER COPY

CUSTOMER USE ONLY

FROM: (PLEASE PRINT) PHONE (410) 215 5826

AAAS
1200 New York Ave. NW
Washington DC 20005

EL 351903215 US

HER

UNITED STATES POSTAL SERVICE

PRIORITY ★ MAIL ★ EXPRESS™

GOING TO EMBASSY

PAYMENT BY ACCOUNT (if applicable)

USPS® Corporate Acct. No. | Federal Agency Acct. No. or Postal Service™ Acct. No.

DELIVERY OPTIONS (Customer Use Only)

☐ SIGNATURE REQUIRED Note: The mailer must check the "Signature Required" box if the mailer: 1) Requires the addressee's signature; OR 2) Purchases additional insurance; OR 3) Purchases COD service; OR 4) Purchases Return Receipt service. If the box is not checked, the Postal Service will leave the item in the addressee's mail receptacle or other secure location without attempting to obtain the addressee's signature on delivery.

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☐ 10:30 AM Delivery Required (additional fee, where available*)
*Refer to USPS.com® or local Post Office™ for availability.

TO: (PLEASE PRINT) PHONE (

Embassy of Ethiopia
3506 International Dr. NW
Washington DC 20008

ZIP + 4® (U.S. ADDRESSES ONLY)

* For pickup or USPS Tracking™, visit USPS.com or call 800-222-1811
* $100.00 Insurance Included.

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Weight ☐ Flat Rate lbs. ozs. | Sunday/Holiday Premium Fee $ | Total Postage & Fees $

Acceptance Employee Initials

DELIVERY (POSTAL SERVICE USE ONLY)

Delivery Attempt (MM/DD/YY) | Time ☐ AM ☐ PM | Employee Signature

Delivery Attempt (MM/DD/YY) | Time ☐ AM ☐ PM | Employee Signature

LABEL 11-B, SEPTEMBER 2015 PSN 7690-02-000-9996 2-CUSTOMER COPY

Gmail

(b)(6)

Your Thursday afternoon trip with Uber

1 message

Uber Receipts <noreply@uber.com>
To (b)(6)

Thu, Jul 21, 2016 at 3:03 PM

JULY 21 2016

$7.02

Thanks for choosing Uber FOIA (b)(6)

[illegible] NW



- 02:57pm
  849-899 Connecticut Ave NW
  Washington DC (Farragut Travel Clinic)
- 03:02pm
  1250 New York Ave NW
  Washington DC (AAAS).

CAR	MILES	TRIP TIME
uberX	0.54	00:04:48

FARE BREAKDOWN

Base Fare	1.15
Distance	0.56
Time	0.82
$5.35 Minimum	1.47
Normal Fare	**$4.00**
Surge x1.4	1.60
Subtotal	**$5.60**
Booking Fee (?)	**1.35**
DC Taxicab Commission Fee (	**0.07**

CHARGED

VISA Personal •••• 9012 **$7.02**

(b)(6)

You rode with ROBERT

Issued by Raser
Receipt ID [illegible]

~~Uber ride to Metabiota for meeting~~ 7/21/16.



TAXICAB RECEIPT

Time: 7/21/16

Date: 3pm

Origin of trip: Metabiota

Destination: Farragut Travel Clinic

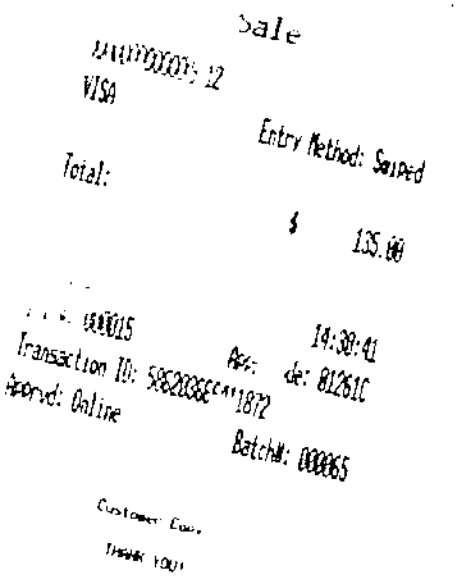
Fare: $7.00 Sign: _____

2 trips:

1) $7.00 : Metabiota (meeting) to Farragut Travel Clinic (Vaccines for Travel)

2) $7.02 : Farragut Travel Clinic to AAAS.

Travel Immunization
$ 135.00 .



Farragut Medical & Travel Care

815 Connecticut Avenue, NW
Washington, DC 20006
Telephone: 202-775-8500
Fax: 202-775-2464
www.farragutmedical.com

PATIENT NAME: (b)(6)

DATE: 07/21/16

Tax ID: 52-1837693 Place of Service: 20

NEW		OFFICE VISITS	ESTABLISHED
99402		Immunization Consultation	99402
99201		LEVEL 1, BRIEF	99211
99202		LEVEL 2, LIMITED	99212
99203		LEVEL 3, EXPANDED	99213
99204		LEVEL 4, COMPREHENSIVE	99214
99205		LEVEL 5, COMPREHENSIVE	99215
		VACCINE	
90632	130	Hepatitis A # 2	Z23
90746		Hepatitis B # ___	Z23
90636		Hepatitis A & B (Twinrix) # ___	Z23
90659		HPV (Gardasil)	Z23
90658		Influenza (Trivalent)	Z23
90688		Influenza (Quadrivalent)	Z23
90738		Japanese Encephalitis, Inact # ___	Z23
90707		Measles, Mumps and Rubella	Z23
90734		Meningococcal (Menactra/Menveo)	Z23
90733		Meningococcal (Menomune)	Z23
90732		Pneumococcal	Z23
90713		Polio, Inactivated	Z23
90675		Rabies # ___	Z23
90714		Tetanus & Diphtheria (Decavac)	Z23
90715		Tdap (Adacel)	Z23
90691		Typhoid Vi	Z23
90716		Varicella	Z23
90717		Yellow Fever	Z23
90736		Zoster/Shingles vaccine (Zostavax)	Z23

INJECTIONS		Fee
96372	SUB Q/IM Injection - MED	
90471	Vaccine Admin-1st Inj	5
90472	Vacc Admin-Ea Addn'l x__	
	PROCEDURES	
93000	EKG w/ interpretation	
99173	Visual Acuity Screen	
92555	Whisper Hearing Test	
92283	Color Vision Exam	
99999	Replacement Yellow Card	

DIAGNOSTICS/LABORATORY		
86900	Blood type	
85025	CBC w/ diff	
80053	Complete Metab. Profile	
88142	Cytopathology (Pap Smear)	
82955	G6PD Screen	
86706	Hepatitis B Surface Antibody	
86703	HIV Antibody	
87207	Malaria smear	
86565 86735 76762	Measles, Mumps Rubella (MMR)	
82270	Occult Blood	
87177	Ova & Parasites X___	
86658	Polio Ab	
86580	PPD	
86588	Rapid Strep	
86592	RPR	
86593	RPR(Serology)	
81000	Urinalysis, routine	
86787	Varicella IgG	
36415	Venipuncture	

	Diagnoses
Z00.00	Health Assessment
Z71.9	Counseling, NOS
Z02.89	Administrative/Sports Exam
Z11.1	Screen Pulmonary TB (PPD)
Z01.84	Immunity Status Testing

( ) Check ( ) Cash (X) Amex/Visa/MC

Total charges 135
Amount Paid 135
Balance Due 0

(b)(6)

(b)(6)

(b)(6)

Gmail

(b)(6)

Your Friday afternoon trip with Uber

1 message

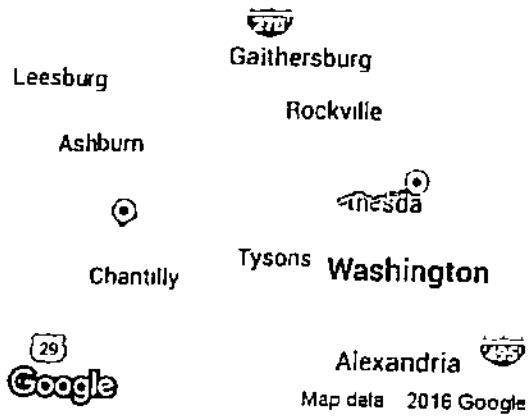
Uber Receipts <noreply@uber.com>
To (b)(6)

Fri, Jul 22, 2016 at 3:18 PM

JULY 22 2016

$44.22

Thanks for choosing Uber FOIA (b)(6)



- 02:23pm
  1078-1098 Ripley St Silver Spring MD
- 03:17pm
  1 Saarinen Cir, Sterling, VA
  (Dulles Airport)

FARE BREAKDOWN

Base Fare	1.15
Distance	28.17
Time	9.30
Subtotal	**$38.62**
Booking Fee (?)	1.35
IAD Airport Surcharge (?)	4.00
Montgomery County Surcharge (?)	0.25

CHARGED
Personal •••• 9012 **$44.22**

CAR	MILES	TRIP TIME
uberX	27.62	00:54:43

(b)(6)

You rode with KEON
Issued by Raiser
Receipt ID # a637c572-c0c1-4444-9f48-bbd906e07e77

RATE YOUR DRIVER

7/22/16

7/23/16

Hudson News

[illegible] AIRPOR
[illegible]RM NAL A
ERL N VA 2[illegible]16
STORE 01404 REG 0 CA HIER (b)(6)
LENTIL CHIP SEA SALT 4
764216608372 1 @ 4 99 4 99
[illegible] ESSEN [illegible] P
792554 011 1 [illegible] 4 99
[illegible]ACKERS DENTAL FLT LR
92[illegible] 4 01 4 1 [illegible] 9 1 9[illegible]
[illegible] 00
1 1
[illegible] 14 96
[illegible] 90
TOTAL 15 86
AMOUNT [illegible]
Visa 15 86
SALE
ACCT ********** [illegible]012
EXP ******
APPROVAL [illegible]
ENTRY METHOD [illegible]

TOTAL PAYMENT 15 [illegible]
Transaction 85543 7/22/[illegible]16 4 [illegible] PM
Comments\Inquiries? (800) 326 [illegible]
or Comments@Hudsongroup.com
Thank you for shopping with us

0855430140400207222016

Virgin

Virgin Frankfurt Flughafen
Terminal 1, Abflug B
60547 Frankfurt - Flughafen
Tel.: (069) 69024057
UST.Nr. DE193964008

BELEG
Datum: 23.07.2016 09:14:36

1000205201
V10 still (DPG) ..... 3,90 EUR(19%)
9000000025
Pfand 0,25 Eur ..... 0,25 EUR(19%)
1000297981
Around the World in 50
Years ..... 19,90 EUR(7%)

Summe: 24,05 EUR

Summe (Netto)		22,09 EUR
1 * 7% USt (Netto):	18,60 EUR	1,30 EUR
2 * 19% USt (Netto):	3,49 EUR	0,66 EUR

Stornos:
1 * 19,90 EUR Around the World in 50 Years

Visa Card TCP/IP 24,05 EUR

Vielen D[illegible] [illegible]inkauf.
[illegible] Wiederse[illegible] [illegible]re!

Snacks + Water = $8.46 w/tax

(in transit)

Water = 3.90 Euro
= $4.28 USD

(in transit)

7/~~24~~ 24. 16.

TOMOCA COFFEE [illegible]
A [illegible] 0.01 [illegible]
PI CATEGORY
[illegible] 11111

[illegible]

Ref [illegible] 00 [illegible]
Ref [illegible]
[illegible]
[illegible] Rec: MP 1
Cust [illegible]
[illegible]
[illegible] x 1 [illegible]
Macciato
SUBTOTAL:

[illegible]

DAISY FX 1200

Coffee = 23.99 Birr

= $1.1 USD

DELI BROS.
KUFFLER & BUCHER
FINE FOODS
SINCE 2011

Kuffler & Bucher GmbH & [illegible]
Flughafen Frankf [illegible]
60547 Frankfurt
Tel 069 690 2 289
Mail info@delibros.de

7/23

Rechnung Nr. 646926
Datum 23 07 16 09 20 Tis.

1x Cappucci o to go 3 1
1x Duke von Delhi 25g

Netto(1)	EUR	3 28
+ 19 0.	MwSt	0 62
Netto(2)	EUR	2 71
+ 7 0.	MwSt	0 19

Summ EUR 6,80

(see oanda.com printout

snack in transit = 6.8 EUR = $4.11

OANDA

Currency Converter

Saturday, Jul 23, 2016

Currency I Have

1 EUR

Currency I Want

1.09714 USD

EUR/USD Details

EUR/USD for the 24-hour period ending **Saturday, Jul 23, 2016** 22:00 UTC

Selling 1.00000 EUR → you get 1.09714 USD
Buying 1.00000 EUR → you pay 1.09814 USD

Rate Details

EUR/USD for the 24-hour period ending
Saturday, Jul 23, 2016 22:00 UTC

	Bid	Ask
MIN	1.09714	1.09814
AVG	1.09714	1.09814
MAX	1.09714	1.09814

Recent Trends

EUR/USD average daily bid prices
Last 90 days



Take trusted OANDA Rates™ with you on your travels

EUR/USD

Interbank Rate +- 0%
Jul 24 2016

EUR	USD	EUR	USD	EUR	USD
1	1.10	15	16.46	45	49.37
2	2.19	20	21.94	50	54.86
3	3.29	25	27.43	100	109.71
4	4.39	30	32.91	250	274.29
5	5.49	35	38.40	500	548.57
10	10.97	40	43.89	1,000	1,097.14

USD/EUR

Interbank Rate +- 0%
Jul 24 2016

USD	EUR	USD	EUR	USD	EUR
1	0.91	15	13.66	45	40.98
2	1.82	20	18.21	50	45.53
3	2.73	25	22.77	100	91.06
4	3.64	30	27.32	250	227.66
5	4.55	35	31.87	500	455.32
10	9.11	40	36.43	1,000	910.63

7/27/17

7/28/17

40

TER INTERNATIONAL HOTEL - CASANCHIS

LOBBY BAR RESTAURAN
[illegible] AL RECEIPT

C[illegible] 3563 : 1C016 Drawer 1[illegible]
D[illegible] Hour 7[illegible] PM
[illegible] (b)(6)
Salon LOBBY BAR
Tel [illegible]
[illegible] DEMIRE

[illegible] Amount

X [illegible] BEER 49.80
[illegible] 210.00
[illegible] FRENCH ONION SOUP
[illegible] CHEESE TOAST 45.00

SUBTOTAL 304.80
[illegible] 10% SERVICE TAX 10% 304.80
SERVICE TAX 10% 30.48
TAX 15% [illegible]

[illegible]
[illegible] 12.50
[illegible] 17.20

[illegible] (b)(6)

TIN: 0001229081
BEER GARDEN INN PLC
S.CITY BOLE W.03 H.NO.NEW
ADDIS ABABA, BOLE MEDHANIYALEM AREA
TEL.0116 18 25 91/95
EJ Rec.00046242 @1
FS No. 00379758 DATE: 28/07/2016 18:52

========== CASH INVOICE ==========
Customer :
Ref No. :BB1-008092-16
Cashier (b)(6)
Table: 40 Waiter: Mekonen Alawi

Description	Qty	Price
Blondy Beer Tower 3 Lit	1 180.24	*180.24
SUBTOTAL		***180.24**
(+) Service Charge (10%)		*18.02
TAXABLE 1		*198.26
TAX 1 15%		*29.74
TOTAL:		***228.00**
CASH		***228.00**
ITEM COUNT		1

(*)

11/7/16
* Per Shaarettha this item is pizza. [illegible]

Dinner (b)(6)

Alcohol = 49.8 Bir = $2.28 (8615)

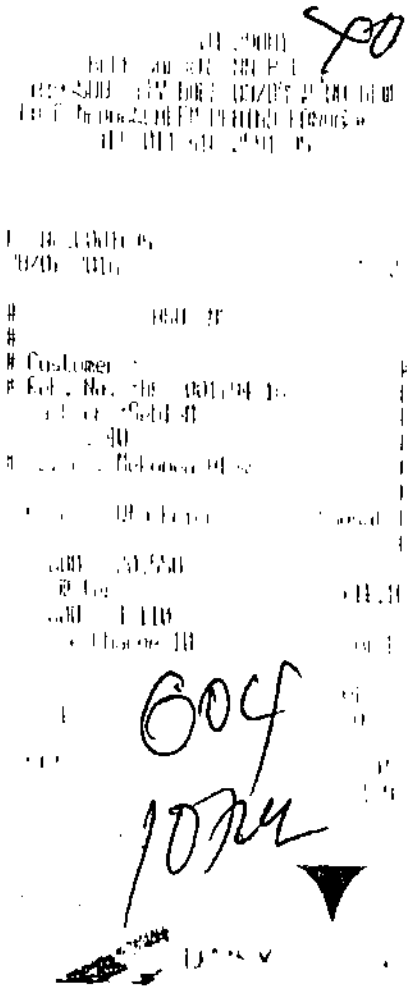
Food = 335.79 Bir = $15.40

(1 USD = $21.8 Birr)

Dinner (b)(6)

(8615) Alcohol = 228 Bir = $10.46 USD.

Food + Water = 324.99 + 51.99
= 376.98 Bir
= $17.3 USD



TIN: 0001729081

BEER GARDEN INN PLC
S.CITY BOLE W.03 H.NO.NEW
ADDIS ABABA, BOLE MEDHANIYALEM AREA
TEL.0116 18 26 91/95

EJ Rec.00046184 01
FS No. 00379731 DATE: 28/07/2016 18:18

========== CASH INVOICE ==========
Customer :
Ref No. :ARI-008065-16
Cashier (b)(6)
Table: 40 Waiter: Mekonen Alawi

Description	Qty	Price
Lamb Tibbs	1 129.64	*129.64
Ethiopian Salad	1 44.27	*44.27
Margherita	1 83.00	*83.00
SUBTOTAL		*[illegible] 91
(+) Service Charge (10%)		69
TAXABLE 1		GO
TAX 1 15%		*42 7
TOTAL:		[illegible]
CASH		*324 49
ITEM COUNT		3

AAD0000591

7/29/16.

[illegible] ESKEL
JUPITER INTE[illegible]IONAL
HOTEL
A A S C KIRKOS @ 08
H.NO.NEO CAZANCHIS
BEHIND ECA
TEL 0115527333

FS No 00012096
7/07/2016 18 5[illegible]

CASH INVOICE
TIN
Customer:
Document 261655/OC POSO
Cashier: (b)(6)

Description	Price
Abbo	
3x *20 000 (Alc)	*60.00
French Fries	*42 00
Beef Tibs	*58 00
Yebeg Tibs	*105.00
Surcharge:	10.00%
	*30 50
T/BL1	*335 50
TAX1 15.00%	*50.33
TOTAL	*385.83
CASH	*385 83

CL80C00070

(b)(6)

Alcohol = 60 Birr = $2.75 (8615)

Meal = 325.83 Birr = $ 14.95

1 USD = 21.8 Birr.

7/29/16.

THE E ... 3006 ... HOTELS

S/CITY Kl...
KASSANCHES BL... W/4840
TEL. ...
EJ Rec.00072831 @1
FS No. 00027904

CASHIER NO & NAME:
GUEST NAME [redacted] (b)(6)
FOLIO No:84901
ROOM No:525

Room Serv Din Food	1 773.92	*773.92
Room Service Din Tips	1 68.00	*68.00
Verres En Vers Bfst. Food	1 421.74	*421.74
Signature Bar Din Food	1 530.53	*530.53
Signature Bar Din Bev NA.	1 34.78	*34.78
BC - Services	1 330.40	*330.40
Room Serv Bfst Food	1 305.37	*305.37
Room Serv Bfst Tips	1 30.00	*30.00
Tomoca Lunch Food	1 78.25	*78.25
Signature Bar Din Bev Alc.	1 95.66	*95.66
Verres En Vers Lunch Food	1 1460.87	*1460.87

TAX 1 15% *4129 53
*61... 43

TOTAL: *4748 96

Ref: Visa
EUR
ITEM COUNT *4748.96

ET AAD0017570 11

E

Radisson

**CUSTOMER RECEIPT
16/07/29 22:13:49
T TRABL008
R:RRABL0000001
C:ALEMU
N:8
AP:002810 B:001
4147*******9012 -(M)
Preauth Comp.
VISA
Expires: xx/xx

AMOUNT 4748.96
TOTAL ETB 4748.96

Customer Signature
I Agree To Pay
This Amount.

Transaction Processed
By Dashen Bank

Meals at Hotel Multiple days = $

Alcohol = 95.66 Birr = $4.39.

Printing = $4.13

Exchange Rate: 4,748.96 Ethiopian Birr = $217.74 USD. (see receipt)

1 USD = 21.8 Birr.

Note: Itemized receipt from Hotel and visa receipt differ in categorization. I will take the alcohol expense out of the [illegible] dinner expense (4.39 + [illegible]

Radisson Blu
HOTEL, ADDIS ABABA

ATTACHMENT

(b)(6)
425 California Street
Suite 200
CA 94104

Page No. 1 of 2
Date: 29.07.16
Folio No: 84901
Cashier. (b)(6)
Arrival: 23.07.16
Departure: 29.07.16
C/O Time: 00:00
Room No.: 525
T.I.N:

TIN No
VAT No
Membership No (b)(6)
A/R Number:
Company Name:

Date	Description		Charges	USD	Credits
23.07.16	Room Serv Din Food	Room#525 : CHECK#0044540	256.45	11.76 ✓	
24.07.16	Verres En Vers Bfst. Food	Room#525 : CHECK#0011154	485.00	22.24	
24.07.16	Signature Bar Din Food	Room#525 : CHECK#0022969	470.10	21.55	
24.07.16	BC - Services	Room#525 : CHECK#0100821	379.96	17.42 (printing)	
25.07.16	Room Serv Bfst Food	Room#525 : CHECK#0044576	385.68	17.68	
25.07.16	Tomoca Lunch Food	Room#525 : CHECK#0033972	89.99	4.13 [redacted]	
25.07.16	Signature Bar Din Food	Room#525 : CHECK#0022085	290.02	13.30	
25.07.16	Room Serv Din Food	Room#525 : CHECK#0044593	393.00	18.02	
26.07.16	Room Serv Din Food	Room#525 : CHECK#0044621	318.76	14.62 (including alcohol)	
27.07.16	Verres En Vers Lunch Food	Room#525 : CHECK#0011440	560.00	25.68	
28.07.16	Verres En Vers Lunch Food	Room#525 : CHECK#0011538	560.00	25.68	
29.07.16	Verres En Vers Lunch Food	Room#525 : CHECK#0011627	560.00	25.68	
29.07.16	Visa				4,748.96
			Total	4,748.96	4,748.96
			Balance		0.00 ETB
			Total (USD)		**217.74**
			Total (EUR)		**195.75**
			Total (GBP)		**163.81**

VAT Distribution

	Net Amount	Tax Amount	Gross Amount	
Non Vatable Amount	366.51	0.00	366.51	ETB
Vatable Amount	3,763.02	619.43	4,382.45	ETB
Total			4,748.96	ETB

Thank you for staying at the Radisson Blu Hotel, Addis Ababa
I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company or association fails to pay for any part or the full amount of these charges.

Guest Signature

-- 1 USD = 21.81 Birr

Radisson BLU
HOTEL, ADDIS ABABA

ATTACHMENT

(b)(6)

425 California Street
Suite 200
CA 94104

Page No :	2 of 2
Date	29.07.16
Folio No :	84901
Cashier.	(b)(6)
Arrival:	23.07.16
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C/O Time:	00:00
Room No :	525
T.I.N:	

TIN No.
VAT No :
Membership No (b)(6)
A R Number
Company Name.

Items marked with an * are not eligible for GP+ earning, for more information about what qualifies and Club Carlson programme, please visit www.clubcarlson.com

INVALID WITHOUT FISCAL OR REFUND RECEIPT ATTACHED

Any dispute on this invoice should be intimated within 30 days, failing which this invoice will be treated as accepted
Credit Terms: 30 Days from the date of invoice For any assistance please call the Credit Supervisor at extension 3322

Bank Details (Birr) The Emerald Addis Hotel PLC, Account No. 1032210008733027, Zemen Bank S.C Swift code: ZEMEETA
(Euro) The Emerald Addis Hotel PLC Account No 0006518196024, Dashen Bank S C Swift code: DASHETAA

Correspondent Bank, (for USD) CITI BANK N.A NEW YORK SWIFT CODE CITIUS33 USD TRANSFER ROUTING NO 021000089 USA.
Correspondent Bank (for EUR) COMMERZ BANK AG FRANKFERT SWIFT CODE:COBADEFFXXX EURO/USD TRANSFER GERMANY

Radisson Blu Hotel
Kirkos Subcity, Kebele 17/18
P O Box 21555, Kazanchis Business District,
Addis Ababa Ethiopia
T +251 15 15 7600, F +251 15 15 7601
www.radissonblu.com/hotel-addisababa

7/29/16

☐ PAID OUT

☐ REBATE

☐ MISC

Radisson BLU
HOTEL ADDIS ABABA

No 1989

Date	Room or accct.No 52
Name	
Symbol	Amount 7

Do not write in above space

Explanation

Signed by

Radisson Blu Hotel
Addis Ababa

Hotel Airport Transfe,

for (b)(6)

: 700Birr Paid in cash;

: 32.10 USD. ✓

Gmail

(b)(6)

Your Saturday evening trip with Uber

1 message

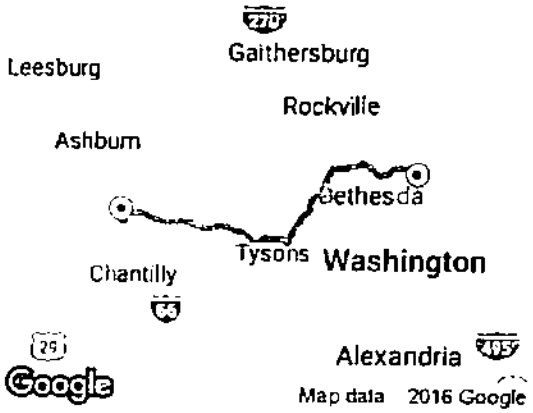
Uber Receipts <noreply@uber.com>
To (b)(6)

Sat, Jul 30, 2016 at 9:35 PM

JULY 30 2016

$44.01

Thanks for choosing Uber FOIA (b)(6)



- 08:48pm
  1 Saarmen Cir Sterling VA (Dulles Airport)
- 09:33pm
  1078-1098 Ripley St Silver Spring MD

CAR	MILES	TRIP TIME
uberX	29.41	00:44:09

FARE BREAKDOWN

Base Fare	1.15
Distance	30.00
Time	7.51
Subtotal	**$38.66**
Booking Fee (?)	1.35
IAD Airport Surcharge (?)	4.00

CHARGED
VISA Personal •••• 9012 **$44.01**

(b)(6)

You rode with Elias

Issued by Raiser
Receipt ID # 1b2d1819-72f4-4b44-8228-369135c7174b

RATE YOUR DRIVER

Closed Projects

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing - Cameroon

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan – Invoiced to Completion Invoice #729.

TD 003 Bat Borne Virus from Annual Bat Cull India has been canceled and will not be invoiced.

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop

TD 005 Iraqi Distance Learning has been canceled and will not be invoiced.

TD 006 Nipah Research Activity Project has been canceled and final costs were invoiced on invoice #725.

TD 007 Regional Baseline Assessment has been invoiced to completion on invoice #725.

TD 008 Clinician Training has been invoiced to completion invoice #726.

TD 010 One Health Epidemiology Training in South Africa has been invoiced to completion on invoice #731

TD 011 Ukraine TADR Activity Project 4 (TAP-4) has been invoiced to completion Invoice #729.

TD 012 Ukraine Project 2 (UP-2) has been invoiced to completion invoice #725. This project was transitioned to the BTRIC.

TD 014 Grant Writing Mentorship and Workshop – Kenya

TD 015 Health Informatics Support Services – Vietnam - Invoiced to completion on Invoice #239

TD 020 Gabon Initial Engagement SME Support - Invoiced to Completion Invoice #729.

TD 024 MESA Epigenetics Conference Video – Jordan

Program Management Review Travel Costs

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Monthly Progress and Financial Report
CDRL A001

Prepared for:

Prepared by:

METABIOTA

Monthly Progress and Financial Report CDRL A001 No. #20
September 01, 2015- September 30, 2015

10/10/15

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This submission of the Monthly Report (Contract Data Requirements List; CDRL A001 encompasses implementation of Academic Engagement Partnership (AEP) program activities in accordance with Defense Threat Reduction Agency (DTRA) Cooperative Biological Engagement Program (CBEP) contract HDTRA1-14-C-0104 for 09/01/15-09/30/15.

Technical Directives

AFRICOM

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 – 11/60/15
Total Estimated Budget: $125,975.00
Estimated Expenditure: $80,342.00
Technical Direction Status: Approved

Completed Activities

- Continued project coordination activities, including ongoing communications and outreach with the Cameroon Ministry of Defense.
- Completed Phase 3, Training Materials Adaptation and Approval, including the submission of modified training materials and subsequent amendments for PAO approval and translation. The project team additionally developed and submitted a draft agenda for the training.
- Drafted an official letter of invitation to collaborate for the Ministry of Defense, providing a detailed explanation of the needs for participant details and contact information in order to meet Leahy vetting as well as logistical requirements.
- Submitted Training Event Plans, CCRs, TAF, and CLS logistics support requests. Additionally, Metabiota staff and subcontractors completed preliminary travel requirements including identifying efficient travel routes and providing letters of support for Cameroon visa applications.
- The project team identified the Yaoundé Military Hospital pallet as the source for the training's equipment needs. In-country team members initiated equipment and materials gathering from this palette.
- The project team established a participant threshold of 75% (or <25 persons) as the minimum needed for project continuation on the current schedule. If this threshold appears to not be attainable within 72 hours of the current scheduled start date (Nov. 17), the project team will coordinate with DTRA CBEP and will issue a formal postponement.

Upcoming Activities

- Training equipment will be pulled from the identified pallet and set aside in a secure location until the training takes place.
- Training pre- and post-test and evaluations will be developed.
- The Ministry of Defense, in cooperation with the project team, will formally announce and invite Ministry of Defense participants. The Ministry of Defense will additionally provide Metabiota with the required participant information, and Metabiota will coordinate logistics needs with the CLS subcontractor.
- Metabiota will conduct the training November 17-19 in Yaoundé, Cameroon.

Challenges

The project team has encountered a delay in obtaining detailed Ministry of Defense participant personal and contact information. In order to better communicate the need to the Ministry of Defense, Metabiota provided support to DTRA CBEP with a draft of an official letter of invitation to collaborate, which included details regarding US regulation requirements and the logistics role of the CLS contractor. Metabiota and in-country subcontractors will maintain communication with the Ministry of Defense and other stakeholders, and will obtain the remaining needed information through less formal routes (email/phone) as available.

TD 008 Clinician Training - Uganda

Objectives

Identify gaps in current country-specific training systems and develop clinical training materials to address those gaps and sustainably increase the capacity of medical practitioners at the sub-national level of healthcare systems to identify, diagnose & report disease outbreaks.

Period of Performance: 05/16/15-08/18/15
Total Estimated Budget: $2,769,776.00
Estimated Expenditure: $632,826.00
Technical Direction Status: Cancelled

Completed Activities

- Metabiota completed an audit of invoice submitted by subcontractor, the Alliance, for time and materials used during period of active performance and sent the subcontractor feedback requesting additional narrative and documentation to support invoiced costs.

Upcoming Activities

- Submission of invoice for all costs incurred during period of active performance to DTRA.

Challenges

Metabiota requested an invoice from subcontractor the Alliance following the notice of cancellation by DTRA of unapproved TD-008, and subsequent to our delivery of a termination notice. The invoice was not delivered until significant time had passed, and the submitted materials lacked the necessary comprehensiveness regarding clarity and supporting documentation of all costs incurred. At this time, we are continuing to audit the Alliance's

invoice, while communicating needs for improvement to them, in an effort to ensure that our final submission to DTRA is accurate and complete.

TD 009 NHLS BS&S Training - South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/15- 05/15/16
Total Estimated Budget: $335,608.00
Estimated Expenditure: $55,811.00
Technical Direction Status: Approved

Completed Activities

- Submitted Training Event Plans and initiated CLS logistics support requests, for the upcoming SHE Officer Master-level training.
- The project team continued *Phase 1 BS&S training video* scripts drafting. Script outlines were finalized and approved by NHLS leadership.
- The project team initiated the development of Fit Test Scale-up and Master-Level training plans. Once finalized, plans will encompass testing for all NHLS regional staff.
- The project team initiated a monthly reporting and invoicing process, and continued the equipment procurement process.

Upcoming Activities

- The project team will complete *Objective 1 BS&S training videography*, including the full scripting, video shoots, and editing.
- The project team will complete *Objective 3* Fit Test Scale-Up and Master-level training plan and cohort selections.
- The project team will continue equipment procurements, and will ensure South African electronic compatibility.
- SHE Officer training will take place in Johannesburg, South Africa, November 24-26, 2015.

Challenges
Metabiota continues to experience challenges with NHLS labor and materials invoicing process, particularly in regards to meeting all FAR regulations and expectations. Metabiota will continue to maintain regular communication with NHLS and provide support where possible to resolve these issues. NHLS corporate structure appears to have a delayed process of completion due to a bottleneck for approval of basic business processes at high levels which has caused delays in various aspects of project implementation.

TD 010 One Health Epi Training - South Africa

Objectives
Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/15- 12/31/15
Total Estimated Budget: $134,551.00
Estimated Expenditure: $39,924.00
Technical Direction Status: Approved

Completed Activities

- Initiated coordination activities with South African stakeholders, including members of the CDC SA and USDA ARS SA.
- Conducted initial review of One Health Epidemiology training materials, engaging Metabiota Subject Matter Experts.
- Conducted preliminary One Health Epidemiology training materials review engaging OHE in country stakeholders including those representative of CDC South Africa and USDA South Africa.
- Initiated Training Materials Landscape review processes.
- Initiated the development of OHE stakeholder project communication planning.
- Conducted bi-weekly conference calls with DTRA CBEP personnel and A&AS support contractors.

Upcoming Activities

- Development of OHE Landscape Review report.
- Completion of SME and OHE stakeholder materials recommendations.
- Identification of additional stakeholders to help ensure maximum effectiveness of adapted materials.
- Submission of relevant CDRLs upon identification of relevant training dates.
- Ensure effective coordination of communication between all stakeholders involved in materials review process.

Challenges
OHE Stakeholders communication and responses have been generally delayed. To manage any future compounding schedule risks, Metabiota will establish bi - weekly calls with all stakeholders and ensure that efforts for effective management and communication will be coupled with clear project planning and expectations.

TD 013 One Health Epi Training - Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan and Nigerian National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency

cooperation and a unified training approach.

Period of Performance: 05/16/15- 02/29/15
Total Estimated Budget: $381,705.00
Estimated Expenditure: $80,959.00
Technical Direction Status: Approved

Completed Activities

- Completed expansions, updates and improvements to course evaluation tool.
- Participated in bi-weekly calls with DTRA CBEP and A&AS Support representation for Uganda to ensure transparency and consistency in communication.
- Executed bi-weekly stakeholder calls with CDC-Uganda and Ministry of Health Uganda to ensure effective communication and execution of project activities.
- The Training Event Plan (TEP) for Cohort 9 module 2 slated to take place in the Jinja district Uganda December 7-11th 2015 was submitted.
- The responsibility matrix was completed and designed to ensure effective support is allocated to all project activities.
- In collaboration with in county stakeholders Letter of Invitations were distributed to all participants and three Ministry of Health Trainers.
- Development of independent consultant agreements for foreign local national trainers was completed in line with DTRA CBEP and US embassy in Uganda guidelines.
- Procurement of necessary in country logistical support needs for Metabiota staff.
- Coordination with CLS, CDC Uganda and DTRA CBEP to ensure that in-country logistical needs for the participants and trainers not supported by Metabiota were supported by the CLS form and in line with the DTRA CBEP regulations as well as US Embassy of Uganda requirements for Government of Uganda Employees.

Upcoming Activities

- Submission of all remaining CDRLs for Cohort 9 Mod 2 to include: (TAF, CCR, CLS, and BOM).
- Submission of CDRLs for Cohort 10 Mod 1 to include: (TEP, TAF, CCR, CLS, and BOM).
- Metabiota staff will depart for Jinja district Uganda on October 16, 2015 and return to the United States on October 24th 2015.
- The training event: Cohort 9 Module 1 will take place October 19-23, 2015.
- Continuation of bi-weekly calls for with all stakeholders.
- Continuation of bi-weekly calls with DTRA CBEP representation and Metabiota specifically.
- Submission of Training Trip Report for Cohort 9 Mod 1 to DTRA CBEP.

Challenges

Metabiota has encountered difficulties in communication with in country stakeholders. These difficulties increase the risk for miscommunication and have potential to inhibit effective execution of project activities. To mitigate this risk, Metabiota has increased its coherence to consistent outreach efforts and has developed a responsibility matrix to increase transparency.

TD 014 Grant Writing Mentorship and Workshop - Kenya

Objectives
The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 7/21/15- 5/15/16
Total Estimated Budget: $113,982.82
Estimated Expenditure: $10,020.00
Technical Direction Status: Approved

Completed Activities

- This technical direction was not approved until the end of September and therefore no costs were incurred.

Upcoming Activities

- Establish regular calls with all stakeholders including those in country, DTRA CBEP and A&AS representation supporting Kenya.
- Obtain list of candidates slated to participate in the workshop.
- Identification of two Kenyan SME III scientists and one SME I Metabiota scientist to support manuscript review.
- Submission of CDRLs.

Challenges
No challenges to report in the month of September.

CENTCOM

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan

Objectives
To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-Cov) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 06/01/15- 01/31/16
Total Estimated Budget: $391,056.00
Estimated Expenditure: $271,460.00
Technical Direction Status: Approved

Completed Activities

- Finalized decision to reschedule training event for December 7-11, 2015 and updated project schedules accordingly.
- Resubmitted TEP 1304, TAF, and CCR with updated training dates.
- Resubmitted CLS travel and logistics support requests with updated training dates and participant list.
- Rescheduled transportation, lodging, catering, and other logistical needs.
- Modification of Duke-NUS subcontract with revised POP and budget.
- Received CBEP/PAO approval of Training Materials and forwarded materials for translation services.
- Submitted CLS travel and logistics support request for in-country travel support for IVM POC's to conduct a second pre-training preparations trip.
- In-country PIs from IVM initiated second pre-training trip on September 22. The purpose of this trip is to: (1) coordinate additional collaboration with regional laboratories, anti-plague stations, and university; (2) gather pre-training information on current camel and bat populations, the number of people in direct-contact with possibly infected camels, and number and spread of patients with MERS-like symptoms; and (3) secure participant attendance and sample collection support for Diagnostics Workshop.
- Finalized negotiations on the Memorandum of Understanding (MoU) between Metabiota and the Institute of Microbiology and Virology. Final countersignatures are in process.
- Continued communication and collaboration with key CBEP, in-country partners, Duke-NUS Qualified Trainers (QT) and CLS to coordinate logistical requirements of the training event.
- Continued coordination of material and supply shipments for December training with CLS.
- Initiated completion of CDRL 11 following receipt of forms from CBEP.

Upcoming Activities

- Submission of CDRL 11 to CBEP- Transferring Equipment and Materials to IVM;
- Finalize translation process of training materials, to include submission of updated participants list, syllabus, and training certificates.
- Receive final countersignature for MoU between Metabiota and the Institute of Microbiology and Virology.
- Continue to work with key CBEP personnel, in-country partners, and CLS to monitor shipment through KZ customs clearance, finalize procurement of required materials for the event, and secure all pending logistical needs for the training event.
- IVM POC's to conclude second pre-training trip on October 6, 2015 and report to Metabiota on its overall success /findings.

Challenges

Metabiota faced communication challenges with language barriers while finalizing the MoU with the IVM due to our POC's limited English abilities. Simple misunderstandings prolonged the process of finalizing this agreement. To counter this challenge, we engaged our Russian-speaking staff to assist in translating emails and phone calls so as to ensure clear communication and understanding. While language barriers will occasionally create obstacles, we will continue to utilize our on-site language assets to mitigate those effects.

TD003 Bat Borne Virus from Annual Bat Cull India- Cancelled

Period of Performance: 06/01/15 – 09/30/16
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: Cancelled

TD004 MESA Epigenetics and Genomics of Infectious Disease Workshop

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/15 to 02/15/16
Total Estimated Budget: $488,040.00
Estimated Expenditure: $101.666.00
Technical Direction Status: Approved

Completed Activities

- Finalized modified subcontract agreement with partner Gryphon Scientific with extended POP.
- Communication and collaboration with Gryphon and CLS to prepare for and implement successful MESA conference meeting/ outreach event on September 29.
- Implemented MESA conference meeting and outreach event on September 29, successfully communicating conference objectives and information to USG and regional partners.
- Finalized transportation, lodging, and other logistical needs for Scoping Visit scheduled for October 11-12.
- Received PAO approval for event website, and launched website initiating acceptance of applicants to attend the conference.
- Conference speakers have been invited; currently coordinating CLS transportation requirements.
- Ongoing communication and collaboration with CBEP personnel, in-country partner RSS, Gryphon Scientific, and CLS to coordinate logistical requirements of the Workshop.

Upcoming Activities

- Finalizing agenda for Scoping Visit in collaboration with CBEP personnel, Gryphon, and RSS.
- Implement Scoping Visit in Amman, Jordan from October 11-12.
- Half-day Scientific Advisory Board meeting scheduled for October 23.
- Continue to work with key CBEP personnel, Gryphon, RSS, and CLS to monitor travel requests, participant applications, and finalize CLS logistical requirements for March,

2016 Workshop.

Challenges
Longer than anticipated PAO approval turn-around times have required us to adjust milestone dates in the project schedule, which will increase the workload towards the end of the year and may jeopardize the project's ability to submit the required CLS and travel forms by their deadlines. Metabiota is coordinating deadline dates with CBEP personnel, US partner Gryphon, and the Science Advisory Board to ensure that adequate time is allocated for abstract submissions for perspective participants throughout the region, yet still allow sufficient time for required document preparations and submissions. In addition, Metabiota will submit "rolling" CLS applications for travel support to mitigate the workload towards the end of the year, and allow for additional time in coordination of participant/speaker travel and training requirements.

Due to the large size of this event, questions concerning the coordination of travel requirements have arisen. Metabiota is in communication with key CBEP personnel to clarify roles and responsibilities, and work with CBEP teams to determine a process for JKO and DoD training requirements for US attendees funded through CLS travel, and a "rolling" submission process of CLS forms that will limit end-of-year burden on personnel completing requirements and ensure plenty of time for submission to meet CDRL deadlines.

TD005 Long Distance Learning Iraq- Cancelled

Period of Performance: 06/01/15 – 09/30/16
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: Cancelled

EUCOM

TD 011 Ukraine TADR Activity Project 4 (TAP-4)

Objectives
The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/15/15-01/31/16
Total Estimated Budget: $116,879,54
Estimated Expenditure: $50,369.00
Technical Direction Status: Approved

Completed Activities
- Revised technical and cost proposal were submitted addressing DTRA concerns about the travel estimate. Revised technical and cost proposal were approved.
- Travel authorization request submitted fo (b)(6) Project Coordinator) November travel to Tbilisi for final workshop.
- CCR data submitted to A&AS in support of November travel to Tbilisi for final

workshop.
- Ukrainian veterinarians printed educational materials (flyer and poster) and began distribution of the materials. Unfortunately, due to the ongoing ASF outbreak in Ukraine, the actual distribution of materials has been impacted.
- Conducted communications with team in Ukraine serving as liaison to the Ukrainian veterinarians working on this project.

Upcoming Activities
- Finalize travel logistics.
- Work with the Ukrainians to ensure they are ready to present their efforts during the final workshop. They will likely also give a brief on the current ASF outbreak in country.
- Work with Metabiota BTRIC to understand whether there will be additional ASF-related work in Ukraine, and if so, work to develop a short presentation on those efforts for the final day of the workshop.
- Implement fourth and final workshop in Tbilisi, Georgia from 3-4 November 2015.

Challenges
Due to the ongoing ASF outbreak in Ukraine, the actual distribution of materials has been impacted as many of the vets that were to be conducting outreach are responding to the outbreak. We anticipate that the Ukrainians will be able to distribute all of the educational materials, but may be unable to gather data on the efficacy of their efforts and may not be able to spend as much time doing outreach as desired.

TD 012 Ukraine Project 2 (UP-2)

Objectives
The overarching objectives of this project are to develop both explanatory and predictive, spatially-explicit models to explore the geography and ecology of EDPs, specifically Francisella tularensis, the causative agent of tularemia, and Bacillus anthracis, the causative agent of anthrax, across Ukraine at multiple spatial scales.

Period of Performance: 05/16/15-09/30/2015
Total Estimated Budget: $264,788.00
Estimated Expenditure: $262,078.00
Technical Direction Status: Approved, Closed (Transferred to BTRIC TO4)

Completed Activities
- Revised technical and cost proposal were submitted addressing DTRA concerns about labor costs, materials, and travel. A new, revised TD was further issued after this proposal was submitted.
- A second, further revised technical and cost proposal was submitted which proposed costs that took into consideration transition of the project back to the BTRIC. This proposal was accepted.
- Conducted routine communications with the project team to direct and guide progress on this project.
- Conducted routine project administration efforts including reconciliation and payment of

invoices.

- Ukrainian team at IVM has begun analysis of boar sera using the Alpha Diagnostic ELISA kits, under remote guidance from the US collaborators at WRAIR and University of Florida. Initial results on the first plate raised several questions, as they seemed to imply a much higher rate of seropositivity than was expected.
- US collaborators at WRAIR are working to identify the desired DNA pool samples to be shipped from Ukraine to the US.
- US collaborators at WRAIR identified a new travel window in early December to work with UCDCM on tularemia analysis. They are working to ensure all travel documentation is submitted on time.
- UCDCM is proceeding forward with PCR analysis of previously collected biological samples.

Upcoming Activities

- This project is transitioning to BTRIC October 01,2015 and no further work will be performed on AEP.

Challenges

UP-2 continues to be challenged with the coordination of multiple stakeholders, some of who are not subcontracted by Metabiota. Travel into Ukraine by US collaborators continues to be difficult to coordinate, in large part due to the fact that many of the collaborators' travel documents are not handled by Metabiota. Forward progress is being made by the Ukrainian teams on sample analysis, however there are some questions as to efficacy, appropriateness, and procedure for using the Alpha Diagnostic ELISA kits.

TD 016-Georgia GIS

Objectives

Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15-05/15/16
Total Estimated Budget: $139,514.62
Estimated Expenditure: $4,402.00
Technical Direction Status: Approved

Completed Activities

- Technical and cost proposal were developed and submitted to DTRA in response to the initial TD. The proposal was approved.
- Project coordination activities were initiated; project documentation for the three CBR projects was obtained from A&AS for review, and Metabiota reached out to the project leads at CH2M Hill for understanding of current project needs.
- Metabiota reached out to the original GIS SME support for the three projects to discuss whether their efforts can be aligned with DTRA requirements as described in the TD.
- Metabiota identified potential alternate GIS SMEs if the original GIS SME cannot be secured.

Upcoming Activities

- Coordinate with leaders of GG-19, GG-20, and GG-27 to fully understand GIS requirements and participate regularly in project meetings to stay abreast of needs for GIS subject matter expertise.
- Secure GIS subject matter expertise, whether it is the original GIS expert involved, or whether Metabiota needs to go another direction.

Challenges

In preliminary discussions with the GIS subject matter expert originally involved in GG-19, GG-20, and GG-27, it appears that there may be some disconnect between the requirements and level of effort expected by DTRA in the TD, and the actual efforts required as stated in the Forms A of the various projects, as well as the level of effort believed to be necessary by the original GIS SME on these projects. This is causing delays in securing subject matter expertise as we try to reconcile the disparate levels of effort anticipated.

TD 017-Georgia SME Grantsmanship

Objectives

Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct/indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: $136,732.00
Estimated Expenditure: $1,112.00
Technical Direction Status: Approved

Completed Activities

- Technical and cost proposal were developed and submitted to DTRA in response to the initial TD. The proposal was approved.
- Project coordination activities were initiated; Metabiota obtained names and contact information of POCs at NCDC and LMA.
- Metabiota has identified subject matter experts to complete this objective.

Upcoming Activities

- Metabiota will work to secure subject matter expertise via subcontract and will submit request for subcontractor approval as soon as possible.
- Establish regular communications with Lugar Center stakeholders and begin project activities.
- Contact DTRA technical POCs and inquire as to desired frequency of updates and appropriateness of communications should the DTRA CBEP BAA be targeted as a potential funding opportunity.

Challenges

At this time, there are no significant known challenges to completion of this task. As communications progress with the Lugar Center stakeholders, Metabiota will develop a better understanding of the interests and needs of the Georgian researchers.

TD 018-Georgia Visiting Scientist Genomics Grantsmanship

Objectives
Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects. The genomics SME will

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: 384,435.00
Estimated Expenditure: $1,099.00
Technical Direction Status: Approved

Completed Activities

- Technical and cost proposal were developed and submitted to DTRA in response to the initial TD. The proposal was approved.
- Metabiota has identified subject matter expertise to support these requirements.
- Metabiota received some additional information on scope of work from communications with A&AS.

Upcoming Activities

- Metabiota will work to secure subject matter expertise via independent consulting arrangement.
- Coordinate with leaders of GG-19, GG-20, GG-27, and GG TAP-11 to fully understand genomics support requirements for these and any other CBEP-funded research projects at the Lugar Center.
- Establish regular communications with Lugar Center stakeholders and begin support activities.
- Contact DTRA technical POCs and A&AS to establish lines of communication and be certain that we have identified all current relevant genomics needs, including those related to the operations of the Genomics Center.

Challenges
At this time, there are no significant known challenges to completion of this task. As communications progress with CBEP and Georgian stakeholders, Metabiota will develop a better understanding of the genomic expertise required by the Georgian researchers.

TD 019-Georgia Visiting Scientist Microbiology

Objectives
Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: $382,330.00
Estimated Expenditure: $1,295.00
Technical Direction Status: Approved

Completed Activities

- Technical and cost proposal were developed and submitted to DTRA in response to the initial TD. The proposal was approved.
- Metabiota has identified subject matter expertise to support these requirements.

Upcoming Activities

- Metabiota will work to secure subject matter expertise.
- Contact DTRA technical POCs and A&AS to establish lines of communication and be certain that we have identified all current relevant microbiology needs.
- Coordinate with leaders of CBEP-funded research projects at the Lugar Center to determine microbiology needs.
- Establish regular communications with Lugar Center stakeholders and begin support activities.

Challenges

At this time, there are no significant challenges that have presented themselves. As communications progress with the CBEP and Georgian stakeholders, Metabiota will develop a better understanding of the needs of the Georgian researchers.

PACOM

TD 006 Nipah Research Activity Project-Cancelled

Period of Performance: 06/01/15 – 09/30/16
Total Estimated Budget: $874,846.00
Total Expenditure: $11,986.00
Technical Direction Status: Cancelled

TD 007 Regional Baseline Assessment

Objectives

Characterize the region based on the disease landscape, organic regional capabilities, and external factors that impact CBEP objectives, identify needs and areas of overlap with other stakeholders, and provide overarching strategic guidance & goals to CBEP PACOM Country Managers in the development of country engagement strategies.

Period of Performance: 05/16/15 – 10/31/15
Total Estimated Budget: $850,489.00
Estimated Expenditure: $749,535.00
Technical Direction Status: Approved

Completed Activities

- Following draft deliverable submissions on 9/2/2015 and 10/2/2015 as well as meetings with regional leadership and A&AS support staff, the team continues to incorporate feedback and make revisions to the style, flow, and organization of the document for submission of the next deliverable on 10/21/2015.
- Engaged additional SMEs to serve as editors for finalization of the deliverable.
- Continued routine communication and meetings with project team, CBEP leadership, and SMEs to finalize the analysis.

Upcoming Activities

- The team will continue to incorporate feedback from Regional Leads and A&AS support in refining and refocusing the final deliverable document for submission on 10/21/2015.
- The team will submit hard copies as well of electronic copies of the document to CBEP Regional Leads on 10/21/2015, as well as presenting key findings from the analysis.
- Available SMEs will attend the meeting with CBEP Regional Leads on 10/21/2015 in order to answer any expertise-related questions.
- Additional graphics development and review to support the analysis.
- Identify graphic services to print final version of the analysis for submission after receiving approval of the final deliverable from CBEP Regional Leads.

Challenges

The landscape analysis is a large and critical undertaking that must be completed under a rigorous and accelerated timeframe requiring targeted and informed communication across the program with key CBEP personnel. Metabiota will actively manage communication, especially any external communication related to CBEP engagement countries utilizing a professional and pre-approved approach.

TD 015 Health Informatics Support in Vietnam-Complete

Objectives

This effort has completed.

Period of Performance: 05/16/15 – 06/30/15
Total Estimated Budget: $51,804.80
Estimated Expenditure: $51,804.80
Technical Direction Status: Approved, Closed

Metrics

Table 1 – Summary of Invoicing

CLIN	Total Awarded	Total Funded	Total Invoiced	Total Remaining
0001	$2,945,896.76	$2,945,896.76	$2,945,896.76	$0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	$1,283,857.97	$1,283,857.97	$0.00
0004	$1,194,823.51	$1,194,823.51	$1,194,823.51	$0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00
0008	$164,002.13	$164,002.13	$70,877.93	$93,124.20
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$1,938,246.22	$1,938,246.22	$403,801.00	$1,534,445.22
1002	$7,619,312.70	$3,720,344.38	$903,658.66	$2,816,685.72
1003	$806,459.36	$421,652.00	$20,943.44	$400,708.56
1004	$78,348.00	$78,348.00	$3,222.71	$75,125.29
1005	$2,329,590.00	$400,000.00	$57,420.43	$342,579.57
TOTAL	**$19,816,346.97**	$13,602,981.29	$8,340,312.73	$5,262,668.56

Table 2 – Summary of Implemented Trainings

Training Month	Region	Country	Type	Human, Veterinary, One Health	#Trained	TOT
Apr-14	Africom	Sierra Leone	Clinical	Human	385	Yes
May-14	Pacom	Singapore	Bio-Surveillance	One Health	8	No
Feb-15	Africom	Uganda	Bio-Surveillance	One Health	25	No
Apr-15	Pacom	Australia	Bio-Surveillance	One Health	9	No
Apr-15	Africom	Uganda	Clinical	Human	33	Yes
May-15	Africom	Uganda	Bio-Surveillance	One Health	38	Yes
May -15	Africom	Uganda	Clinical	Human		Yes
June-15	Africom	Uganda	Clinical	Human		Yes
May -15	Centcom	Kazakhstan	Clinical	Human		Yes
Jul-15	No trainings implemented in July.					
Aug-15	No trainings implemented in August					
Sept-15	No trainings implemented in September					

Table 3- Summary of Contract Modifications

Contract Modifications	Requirement / Description	Date Received	Letter Issued to DTRA
P00001	Respond to the Ebola outbreak in Africa	21-Mar-14	18-Apr-2014
P00002	Removed FTE and geographical restrictions from SOW	27-Mar-14	25-Apr-2014
P00003	Authorized use of existing LOE under CLIN 04 at the discretion of the COR	4-Apr-14	9-May-2014
P00004	Bat-borne pathogen surveillance	6-May-14	5-Jun-2014
P00004	Clinician Training in at least 3 African countries	6-May-14	5-Jun-2014
P00004	BS&S / NHLS Training in South Africa	6-May-14	5-Jun-2014
P00005	Added funding at the SLIN level to requirements listed in P00004	14-May-14	N/A
P00006	SURGE CLIN - Extended POP for EBOV response	12-Jun-14	N/A
P00007	REA Negotiation	25-Jun-14	27-Jun-2014
P00008	Surge POP extension	6-Aug-14	N/A
P00009	REA for Bat-Borne Training and revised Rate Cards	3-Sep-14	N/A
P00010	Ukraine Projects – UP2 & TAP4	17-Sep-14	N/A
P00011	Incorporates FAR clause 52.225-99 initiating use of Synchronized Pre-deployment and Operational tracker for efforts in Africa.	4-Dec-14	N/A
P00012	Authorizes FFP funds for CLIN 0003 and CLIN 1006. Incorporates requirement for DBA insurance.	26-Jan-15	N/A
P00013	Issues change order from FFP LOE to FFP. Requests Proposal extension of base year through April.	2-Feb-15	N/A
P00014	Awards Base Year Extension	10-Apr-15	N/A
P00015	Realigns funding between ACRNS	16-Apr-15	N/A
P00016	Issues two week extension for base year	21-Apr-15	N/A
P00017	Awards T&M Option Year for $12,771,956.28.	15-May-15	N/A
P00018	Provides Incremental funding for Option Year 1	15-May-15	N/A
P00019	Funds REA and changes contract clauses.	3-Sep-15	N/A
P00020	Adds funding to CLIN 1002 and 1005	28-Sep-15	N/A

Table 4- Summary Committed Funds

CLIN	Total Awarded	Total Funded	Total Committed	Total Remaining
0001	$2,945,896.76	$2,945,896.76	$2,945,896.76	$0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	$1,283,857.97	$1,283,857.97	$0.00
0004	$1,194,823.51	$1,194,823.51	$1,194,823.51	$0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00
0008	$164,002.13	$164,002.13	$100,581.53	$63,420.60
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$1,938,246.22	$1,938,246.22	$1,938,246.22	$0.00
1002	$7,619,312.70	$3,720,344.38	$4,517,241.36	$796,896.98
1003	$806,459.36	$421,652.00	$472,209.55	$50,557.55
1004	$78,348.00	$78,348.00	$84,692.24	$6,344.24
1005	$2,329,590.00	$400,000.00	$352,126.95	$47,873.05
TOTAL	**$19,816,346.97**	$13,602,981.29	$14,345,486.41	$742,505.12

Table 5- 75% Estimate

CLIN	Total Awarded	Total Funded	Total Expended	Estimate 75% Funding Completion Date
1001	$1,938,246.22	$1,938,246.22	$726,842.00	6-Mar-2016
1002	$7,619,312.70	$3,720,344.38	$2,157,941.59	28-Oct-2015
1003	$806,459.36	$421,652.00	$165,170.00	15-May-2016
1004	$78,348.00	$78,348.00	$3,708.00	15-May-2016
1005	$2,329,590.00	$400,000.00	$78,868.00	15-May-2016
TOTAL	**$12,771,956.28**	$6,558,590.60	$3,132,529.59	

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Monthly Progress and Financial Report
CDRL A001

Prepared for:

Prepared by:

METABIOTA

Monthly Progress and Financial Report CDRL A001 No. #21
October 01, 2015- October 31, 2015

11/10/15

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This submission of the Monthly Report (Contract Data Requirements List; CDRL A001 encompasses implementation of Academic Engagement Partnership (AEP) program activities in accordance with Defense Threat Reduction Agency (DTRA) Cooperative Biological Engagement Program (CBEP) contract HDTRA1-14-C-0104 for 10/01/15-10/31/15.

Technical Directives

AFRICOM

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 – 11/06/15
Total Estimated Budget: $125,975.00
Estimated Expenditure: $74,591.00
Technical Direction Status: Approved

Completed Activities

- Metabiota revised training materials in response to DTRA/A&AS comments. The revised training materials were submitted and accepted. The training materials were then sent simultaneously for public affairs approval and translation into French.
- Metabiota filed a Country Clearance Request for the November PPE training event.
- Metabiota drafted and filed a travel authorization request, which was approved.
- Metabiota drafted a CLS form for logistics of the November PPE training event and handed it off to DTRA/A&AS.
- Metabiota DC engaged in regular communications with the overseas personnel to discuss and work through training event logistics.
- Metabiota drafted letters to the US Embassy and Cameroon Ministry of Defense for DTRA to assist with obtaining information for Leahy vetting.

Upcoming Activities

- PPE training event slated for November is likely to be postponed. Metabiota will work with DTRA to identify alternative dates once Leahy vetting is completed.
- Metabiota is reviewing CLS-translated training materials for accuracy.

Challenges
MinDef has said no additional information will be provided on participants. DTRA and A&AS are working with US Embassy on the path forward. This will likely result in postponement of training until late January at the earliest.

TD 008 Clinician Training - Uganda

Objectives
Identify gaps in current country-specific training systems and develop clinical training materials to address those gaps and sustainably increase the capacity of medical practitioners at the sub-national level of healthcare systems to identify, diagnose & report disease outbreaks.

Period of Performance: 05/16/15-08/18/15
Total Estimated Budget: $2,769,776.00
Estimated Expenditure: $737,361.00
Technical Direction Status: Cancelled

Completed Activities

- Metabiota completed the audit of an invoice updated and re-submitted by subcontractor, the Alliance, for labor and materials used during the period of active performance.
- A final cost for time and materials used during the period of active performance was aggregated through an iterative process with subcontractor, the Alliance, to support accuracy and comprehensiveness.
- A final invoice for TD-008 Clinician Training Uganda has been developed and prepared for submission to DTRA.

Upcoming Activities

- Final submission of Metabiota invoice to DTRA

Challenges
Finalization of Metabiota's invoice to DTRA for time and materials supporting Clinician Training Uganda was further delayed by our continued need to audit the invoice and supporting documentation produced by subcontractor the Alliance. The Alliance as an organization is traditionally unfamiliar with the time and materials contract mechanism, and experienced significant challenges in producing a comprehensive invoice. Extensive communication and technical support was required to support this effort.

TD 009 NHLS BS&S Training - South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/15- 05/15/16
Total Estimated Budget: $335,608.00
Estimated Expenditure: $85,138.00
Technical Direction Status: Approved

Completed Activities

- Metabiota personnel engaged in teleconferences and email communications with both NHLS and DTRA personnel.
- Metabiota submitted a Training Event Plan, which was approved.
- Metabiota worked with NHLS personnel to identify appropriate participants for the fit-testing training event. Metabiota drafted a CLS request containing these participant's information, along with a venue request. This CLS form was submitted to DTRA.
- Metabiota began the procurement of PortaCount Pro fit testers from TSI, Inc.
- Metabiota investigated multiple vendors for iPad pricing and began the procurement of iPads from Apple, Inc.
- Metabiota and NHLS personnel generated fit-testing training materials from established protocols provided by TSI, Inc.
- Metabiota drafted a CLS form for shipping needs and sent this onward to DTRA for submission to the CLS contractor.
- Metabiota drafted and submitted a Travel Authorization request with plug data; this request was approved.
- The Metabiota team members at NHLS began identifying additional requirements for the OHASIS module development.

Upcoming Activities

- BS&S training videography is expected to begin soon.
- PortaCount fit testers and iPads are expected to be delivered to the CLS shipping warehouse for further shipment to South Africa.
- The fit testing training event is scheduled to occur at the end of November.

Challenges

Coordination with CLS on both the training venue/logistics and procurement shipping/logistics has been cumbersome as we are routing all communications through DTRA/A&AS.

TD 010 One Health Epi Training - South Africa

Objectives

Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/15- 12/31/15
Total Estimated Budget: $134,551.00
Estimated Expenditure: $50,392.00
Technical Direction Status: Approved

Completed Activities

- Development and delivery of structured outline to support the training materials and landscape review process.
- Conducted bi-weekly conference calls with DTRA CBEP personnel and A&AS support contractors.
- Conducted bi-weekly conference calls with South African stakeholders supporting the

review and modification of one health epidemiology materials.

- Conducted individual calls with each South African stakeholder to ensure understanding of project scope of work and to provide opportunity for direct questions.
- Completion of module 1 review and analysis of one health epidemiology materials by Metabiota Subject Matter Expert.
- Technical discussions between Metabiota Epidemiology Subject Matter Expert and South African stakeholders regarding training goals and training needs in country.

Upcoming Activities

- Continued development of OHE Landscape Review report to include identification of section leads among South African stakeholders and the Metabiota Project Team.
- Solidification of dates for in-country materials review and modification meeting.
- Submission of relevant TEP for in-country assessment.
- Continue to ensure effective coordination of communication between stakeholders involved in the materials review process.

Challenges

A misunderstanding in project scope was identified to have occurred among the South African stakeholders. They were collectively under the impression that One Health Epidemiology South Africa was related to an effort implemented by a DTRA country manager previous to (b)(6) (b)(6) This lead to questions and some confusion regarding the existing scope of work; however, this misunderstanding has since been rectified. Additionally, in country stakeholders have had some level of trouble attending regularly scheduled bi-weekly calls with the Metabiota Project Team due to availability and other obligations.

TD 013 One Health Epi Training - Uganda

Objectives

Increase the operational biosafety and bio-surveillance capacity of Ugandan and Nigerian National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/15- 02/29/15
Total Estimated Budget: $381,705.00
Estimated Expenditure: $135,337.00
Technical Direction Status: Approved

Completed Activities

- Completion of Cohort 9 Module 1 One Health training in Jinja, Uganda (October 19- 23, 2015).
- Submission of TAF, CCR, CLS, and BOM in support of Cohort 9 Module 2 to take place in Jinja, Uganda.
- Submission of TEP, TAF, CCR, CLS, and BOM in support of Cohort 10 Module 1 to take place in Kabarole, Uganda.

- The Non-Disclosure and Independent Consultant Agreements between the lead Trainer-(b)(6) and Metabiota were signed and invoiced.
- Held bi-weekly conference calls with DTRA CBEP personnel and A&AS support representation.
- Held bi-weekly conference calls with CDC-Uganda and Ugandan Ministry of Health to discuss implementation of trainings going forward.
- Submission of Training trip report 238 In support of Cohort 9 Module 1 One Health Epidemiology training.

Upcoming Activities

- Preparation for Cohort 9 Module 2 set to take place December 7-11, 2015 in Jinja, Uganda.
- Preparation for Cohort 10 Module 1 set to take place December 14-18, 2015 in Kabarole District Uganda.
- Continuation of bi-weekly calls for with all stakeholders.
- Continuation of bi-weekly calls with DTRA CBEP representation and Metabiota.
- Incorporation of new labor rates for foreign local national independent consultants supporting OHE training.

Challenges

During training implementation in Jinja, Uganda, Module 1 of Cohort 9, some logistical problems were encountered. Insufficient quantities of training materials were provided for participants. The company subcontracted to support this training did not provide per diem to trainees and facilitators until mid-week. Per Diem payments were requested for distribution daily, and were promised to the trainers in kind. The decision by the company to delay distribution created anxiety among trainees and facilitators who were promised otherwise. The junior level staff representing this company at the training event was not authorized to make decisions, nor come up with a timely solution.

Trainees were concerned that they would not be able to meet with their team to complete the field assignments once back in the district. The fieldwork is a key component of the training and provides participants the chance to implement the theories learned in module one.

TD 014 Grant Writing Mentorship and Workshop - Kenya

Objectives

The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 7/21/15- 5/15/16
Total Estimated Budget: $113,982.82
Estimated Expenditure: $11,384.00
Technical Direction Status: Approved

Completed Activities

- Established bi-weekly calls with DTRA CBEP representation, (b)(6) and the Metabiota Project Team.
- Development of Project Charter for TD-014.
- Development of profile for Subject Matter Experts slated to participate in the writing workshop.
- Identification of probable dates for the writing workshop set to take place in Nairobi, Kenya.
- Request submitted to (b)(6) for the delivery of the manuscripts produced by 20 participants selected from the Regional Conference on Zoonotic Diseases in Eastern Africa.

Upcoming Activities

- Selection of subject matter experts to support the Writing Workshop.
- Finalization of dates for the workshop.
- Submission of TEP, CLS form, CCR form, and any other relevant CDRLs in support of in country efforts.
- Continuation of bi-weekly stakeholder calls.

Challenges

The Grant Writing Mentorship and Workshop purposed to foster the improvement of research manuscripts from selected participants is on time and currently on track to remain within the budget ceiling. However, the tasks involving the coordination, management, and actual technical review and improvement of manuscripts for this effort will likely require more time than proposed.

CENTCOM

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan

Objectives

To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-Cov) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 05/16/15- 01/31/16
Total Estimated Budget: $391,056.00
Estimated Expenditure: $273,285.00
Technical Direction Status: Approved

Completed Activities

- PIs from IVM completed second pre-training trip on October 6 and submitted Trip Report on October 15. An additional institution was identified during this trip to participate in the December training: The Aralomorsk AntiPlague Station.
- Submitted CLS travel and logistics support request for additional participant from the

Aralomorsk AntiPlague Station, which was identified during the second IVM pre-training trip. Resubmitted translation and interpretation request of training materials.

- Confirmed laboratory access for all participants, trainers and organizers.
- Secured DBA insurance for Metabiota and Duke personnel for travel to Almaty, and in response to the extended PoP.
- Finalized daily itinerary and reserved ground transportation for Metabiota, and Duke personnel to and from the December training venue.
- Executed the MOU between Metabiota and the IVM.
- Completed modification of the Duke-NUS subcontract with revised PoP and budget.
- Completed the Brokerage agreement signatures between SAIC, Global Link, and IVM.
- Received updated quote from local procurement support TMC Global Professional Services and modified PO to the extended period of performance and increased ceiling price.
- Continued coordination with IVM to arrange official approval from the Ministry of Agriculture to secure customs acceptance of training materials being shipped into the country continued communication with CLS to coordinate translation, printing, and shipment of training materials.
- Continued communication and collaboration with key CBEP, in-country partners, Duke-NUS Qualified Trainers (QT), and CLS to coordinate logistical requirements of the training event.

Upcoming Activities

- Completion and submission of CDRL 11 Transfer of Equipment and Materials to IVM.
- Completion of modified PO with TMC.
- Continue to work with key CBEP personnel, in-country partners, and CLS to monitor shipment through KZ customs clearance, finalize procurement of required materials for the event, and secure all pending logistical needs for the training event.
- Conduct shipment of materials for pick-up date in USA and Singapore during the week of November 16 and delivery date in Almaty, Kazakhstan during the week of November 23.
- Final bi-weekly project meetings with in-country partners and Duke-NUS Qualified Trainers (QT) before travel dates of December 1-2.

Challenges

Metabiota faced communication challenges and language barriers while finalizing the in-county material procurement quote with TMC. While language barriers will occasionally create obstacles, we will continue to utilize our on-site language assets to mitigate those effects. Additionally, IVM PI's have expressed desires to pursue extended engagements after the completion of the December training event. While Metabiota will not be the prime contractor for the continued CBEP work in Kazakhstan, we have explained the shift of contractors following the December training event to IVM and assuaged their concerns regarding any perceived impact the switch will have on the current and future activities.

TD003 Bat Borne Virus from Annual Bat Cull India- Cancelled

Period of Performance: 06/01/15 – 09/30/16
Total Estimated Budget: $874,846.00

Total Expenditure: 0.00
Technical Direction Status: Cancelled

TD004 MESA Epigenetics and Genomics of Infectious Disease Workshop

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/15 to 05/15/16
Total Estimated Budget: $488,040.00
Estimated Expenditure: $150,808.00
Technical Direction Status: Approved

Completed Activities
- Completed Scoping Visit of RSS facilities in Amman, Jordan on October 12.
- Following Scoping Visit of venue, prepared initial CLS logistics request; logistics are currently being edited internally before submission.
- Prepared first CLS travel support request for March Conference; document is currently being edited internally before submission.
- Began JKO trainings for U.S. citizens who will require travel support for March Conference.
- Submitted Press Release for PAO approval.
- Speakers and panel board members continue to be invited.
- Continued revisions of conference agenda and panel board members with Gryphon, CBEP, and Scientific Advisory Board.
- Ongoing outreach of conference event to increase participation.
- Ongoing communication and collaboration with CBEP personnel, in-country partner RSS, Gryphon Scientific, and CLS to coordinate logistical requirements for the conference.

Upcoming Activities
- First round of abstract submission deadlines on November 06, to be extended through December 1.
- Submit first CLS travel support request for Scientific Advisory Board Members and Speakers who have confirmed attendance.
- Submit Travel Authorization Form for Gryphon and Metabiota personnel for March Conference event.
- Gryphon subcontract to be modified a second time due to personnel and additional administrative changes.
- Continue to work with key CBEP personnel, Gryphon, RSS, and CLS to monitor travel requests, participant applications, and finalize CLS logistical requirements for March, 2016 Conference.

Challenges
Due to the large size of this event, questions concerning the coordination of travel requirements have arisen. Metabiota is in communication with key CBEP personnel, CLS, and Gryphon Scientific to clarify roles and responsibilities and ensure that all required information is collected and provided to CLS. Additionally, outreach efforts will be expanded to increase the number of abstracts submitted and participants attending the Conference.

TD005 Long Distance Learning Iraq- Cancelled

Period of Performance: 06/01/15 – 09/30/16
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: Cancelled

EUCOM

TD 011 Ukraine TADR Activity Project 4 (TAP-4)

Objectives
The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/15/15-01/31/16
Total Estimated Budget: $116,879,54
Estimated Expenditure: $57,687.00
Technical Direction Status: Approved

Completed Activities
- Travel arrangements for Metabiota personnel were established.
- Metabiota confirmed the Ukrainian participant list and followed up with A&AS regarding CLS's arrangements for the Ukrainian delegation after identifying unusual flight arrangements that arrived very late into Georgia.
- Metabiota developed a short presentation for the Metabiota slot of workshop day 2.
- Metabiota personnel participated in conference calls and email communications with the broader ASF working group and also with SAFOSO specifically.
- The Ukrainian personnel continued with the distribution of educational materials and outreach activities.
- (b)(6) reprinted several of his ASF-related research posters for presentation at the November conference.

Upcoming Activities
- TAP-4 final workshop occurred in early November; travel trip report and final closeout to occur.

Challenges

Beyond the current ASF outbreak in Ukraine, no significant challenges were encountered.

TD 012 Ukraine Project 2 (UP-2)

Objectives
The overarching objectives of this project are to develop both explanatory and predictive, spatially-explicit models to explore the geography and ecology of EDPs, specifically Francisella tularensis, the causative agent of tularemia, and Bacillus anthracis, the causative agent of anthrax, across Ukraine at multiple spatial scales.

Period of Performance: 05/16/15-09/30/2015
Total Estimated Budget: $264,788.00
Estimated Expenditure: $297,064.00
Technical Direction Status: Approved, Complete (Transferred to BTRIC TO4)

Completed Activities
- Project transitioned to BTRIC TO4.

Upcoming Activities
- Closing out invoicing for Kansas State University and Ukrainians via CRDF Global.

Challenges
None identified.

TD 016-Georgia GIS

Objectives
Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15-05/15/16
Total Estimated Budget: $139,514.62
Estimated Expenditure: $8,489.00
Technical Direction Status: Approved

Completed Activities
- Metabiota achieved agreement with the GIS subject matter expertise team at University of Florida on scope and budget.
- Metabiota began preliminary coordination with CBR project leads in order to understand needs.
- Metabiota developed and submitted a revised proposal as a result of ground-truthing the actual project requirements from project teams and Forms A of the relevant CBR projects.

Upcoming Activities
- Metabiota will finalize the subcontract with the UF team.

- Metabiota will work with CBR project leads to ensure GIS SME needs are met.

Challenges
The requirements outlined in the technical direction do not mesh up with the requirements as outlined in the Forms A of the various CBR and TAP projects. This leads us to a discrepancy between the labor mix initially approved and the labor mix that we believe will be required to correctly fill the requirements of the technical direction.

TD 017-Georgia SME Grantsmanship

Objectives
Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct/indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: $136,732.00
Estimated Expenditure: $14,609.00
Technical Direction Status: Approved

Completed Activities
- Metabiota identified the SME team to execute Grantsmanship mentoring.
- Metabiota drafted SOW and contract documents, and signed subcontract with Attimo (soon to be Avila).
- The Metabiota project team spoke with Georgian stakeholders at LMA and NCDC on separate occasions to gather input on the mentorship needs of each institution.
- The Metabiota project team has drafted an initial mentorship project plan.

Upcoming Activities
- The Metabiota project team will push a tentative schedule of milestones out to stakeholders at LMA and NCDC. This schedule will establish an initial work plan for Georgian participants.
- After the near-term work plan has been distributed, we expect to receive project ideas and drafts of proposals to begin coming in for initial review.

Challenges
Subcontractor approval has not yet been granted by DTRA. Currently Attimo has stopped work on this project, which puts timelines at risk.

TD 018-Georgia Visiting Scientist Genomics Grantsmanship

Objectives
Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects. The genomics SME will

Period of Performance: 09/21/2015-05/15/16

Total Estimated Budget: $384,435.00
Estimated Expenditure: $36,517.00
Technical Direction Status: Approved

Completed Activities

- Metabiota identified genomics expertise and established subcontract said expertise.
- Genomics VS has continued mentoring of (b)(6) in comparative genomics. They are examining the in-country anthrax vaccine strain STI. Preliminary results suggest a significant variance between the Georgian STI strain and the reference STI strain reported by Okinaka, *et al.*
- Genomics VS is working with Lugar center staff to acquaint them with publicly available genome databases.
- Genomics VS has begun mentoring (b)(6) on raw sequence data quality control, draft genome assembly, and comparative genomic analysis. Together they have created genome assemblies for an atypical *Shigella*-like bacterial strain. Preliminary bioinformatics analysis indicates that the isolate encodes shiga toxin genes. They are also working on understanding its phylogenetic placement.
- Genomics VS advised Lugar Center microbiologists on the need to potentially modify testing procedures for bacterial strains that do not react to established pathogen-specific antisera.
- Genomics VS has begun training (b)(6) in viral genome assembly and annotation using a test data set.

Upcoming Activities

- Genomics VS has begun development of an *in silico* workflow for pathogen subtyping and will mentor (b)(6) and others in both the development and use of the workflow for NGS data.
- Genomics VS has begun developing workflow for genome and plasmid sequence annotation in order to enable Lugar Center staff to characterize genomic data and submit data to Genbank prior to publication.
- Genomics VS is developing a skill-set review workshop in conjunction with NCDC science director (b)(6)
- Genomics VS will continue supporting all activities listed above.

Challenges

The Lugar Center (and by extension NCDC) does not appear to have a good method for transferring knowledge learned (especially that learned abroad) from person to person, and many staff members frequently switch research topics. Additionally, it appears that collaborating foreign labs are doing a significant portion of the sequence analysis. These factors have the effect of impacting sustainability. Lugar Center staff are also often skipping the post-NGS quality control step in their workflows.

TD 019-Georgia Visiting Scientist Microbiology

Objectives

Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: $382,330.00
Estimated Expenditure: $46,377.00
Technical Direction Status: Approved

Completed Activities

- Metabiota identified and worked to bring onboard the subject matter expertise requested in the technical direction. Metabiota is bringing the VS on as a full-time Metabiota employee effective 1 November, and issuing an independent consulting agreement to cover work activities in the month of October.
- Metabiota personnel communicated electronically with CBR project leads to better understand needs under this technical direction.
- Metabiota VS is working with Batumi Zonal Diagnostic Laboratory on avian influenza PCR work. Metabiota VS assisted with troubleshooting of Rotor-Gene PCR instruments at Batumi; this work is ongoing.
- Metabiota VS is assisting Lugar Center personnel with drafting and editing of GG TAP-11 validation plan.
- Metabiota VS is assisting NCDC with preparations and planning for the installation of a GC/MS instrument funded by UNICRI. This ongoing effort will enhance NCDC relationships with international organizations and provide the foundation for a potential proteomics capability which may be leveraged in future research, as well as biosafety and biosecurity efforts.
- Metabiota VS met with FOIA (b)(6) and other CBR project personnel to discuss ongoing efforts on GG-19, -20, -27, and TAP-11.
- Metabiota VS met with a field team from LMA to help prepare them for a seroprevalence study among animal workers and animals.

Upcoming Activities

- Metabiota VS will test avian influenza PCR controls and primers at Lugar Center.
- Metabiota VS will continue assisting with all ongoing efforts listed above.

Challenges

The Metabiota VS previously recruited a technical translator/interpreter who was then hired by CH2M Hill. CH2 was issued technical direction by a previous Georgia country manager to provide support to the PSU AEP VS, and believes that this technical direction is now expired. Technical translation is difficult, and it would be preferred to continue working with the same person, but new technical direction to CH2M Hill may be required in order to make this happen. We believe quality and speed of translation/interpretation efforts will be impacted if forced to use CLS.

PACOM

TD 006 Nipah Research Activity Project-Cancelled

Period of Performance: 06/01/15 – 09/30/16
Total Estimated Budget: $874,846.00
Total Expenditure: $11,986.00
Technical Direction Status: Cancelled

TD 007 Regional Baseline Assessment

Objectives
Characterize the region based on the disease landscape, organic regional capabilities, and external factors that impact CBEP objectives, identify needs and areas of overlap with other stakeholders, and provide overarching strategic guidance & goals to CBEP PACOM Country Managers in the development of country engagement strategies.

Period of Performance: 05/16/15 – 10/31/15
Total Estimated Budget: $850,489.00
Estimated Expenditure: $850,489.00
Technical Direction Status: Approved

Completed Activities

- Submitted draft gap analysis to CBEP on 29 October and held review meeting with regional team on 30 October.
- Submitted responses in comments matrix on 30 October to CBEP regional team, showing revisions and progress made in addressing identified modifications and changes improving the overall document.
- Secured additional SME support to complete revisions and edits needed to finalize the regional baseline analysis and respond to comments received by CBEP.
- Assigned internal team leads and functional teams to support revisions to the regional baseline analysis.
- Met with CBEP regional team and set revised submission schedule with final deliverable due 18 December.
- Requested NCE extending project period to 31 December.
- Continued revisions and edits to regional gap analysis in preparation for final submission.

Upcoming Activities

- Continue revisions, and editing to the regional baseline analysis for submission of draft document on 20 November.
- Perform QAQC reviews of draft document by SMEs prior to submission of draft document on 20 November.
- Secure additional SME support, at no cost to the Government for further build out and analysis of the regional baseline analysis.
- Secure additional graphic services for finalization and stylization of the report.

Challenges

The deliverable submitted to CBEP on 1 October did not meet the standards of research that both Metabiota and CBEP were looking for in the final product. Previous challenges identified in the accelerated schedule and volume of research and analysis required to complete this project impeded progress towards the 1 October submission that should have been more clearly communicated to CBEP leadership. Following review and receipt of the comments matrix by the CBEP team, Metabiota has initiated revisions and responses to CBEP comments in preparation for the final deliverable on 18 December. To complete this task, Metabiota has secured additional internal and external SME support, at no cost to the Government to complete the required revisions to the analysis and provide a final product that meets the standards required.

TD 015 Health Informatics Support in Vietnam-Complete

Objectives
This effort has completed.

Period of Performance: 05/16/15 – 06/30/15
Total Estimated Budget: $51,804.80
Estimated Expenditure: $51,804.80
Technical Direction Status: Approved, Closed

Metrics

Table 1 – Summary of Invoicing

CLIN	Total Awarded	Total Funded	Total Invoiced	Total Remaining
0001	$2,945,896.76	$2,945,896.76	$2,945,896.76	$0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	$1,283,857.97	$1,283,857.97	$0.00
0004	$1,194,823.51	$1,194,823.51	$1,194,823.51	$0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00
0008	$164,002.13	$164,002.13	$70,877.93	$93,124.20
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$1,938,246.22	$1,938,246.22	$403,801.00	$1,534,445.22
1002	$7,619,312.70	$3,720,344.38	$895,430.48	$2,824,913.90
1003	$806,459.36	$421,652.00	$20,943.44	$400,708.56
1004	$78,348.00	$78,348.00	$3,222.71	$75,125.29
1005	$2,329,590.00	$400,000.00	$54,584.94	$345,415.06
TOTAL	**$19,816,346.97**	$13,602,981.29	$8,329,249.06	$5,273,732.23

Table 2 – Summary of Implemented Trainings

Training Month	Region	Country	Type	Human, Veterinary, One Health	#Trained	TOT
Apr-14	Africom	Sierra Leone	Clinical	Human	385	Yes
May-14	Pacom	Singapore	Bio-Surveillance	One Health	8	No
Feb-15	Africom	Uganda	Bio-Surveillance	One Health	25	No
Apr-15	Pacom	Australia	Bio-Surveillance	One Health	9	No
Apr-15	Africom	Uganda	Clinical	Human	33	Yes
May-15	Africom	Uganda	Bio-Surveillance	One Health	38	Yes

May -15	Africom	Uganda	Clinical	Human		Yes
June-15	Africom	Uganda	Clinical	Human		Yes
May -15	Centcom	Kazakhstan	Clinical	Human		Yes
Jul-15	No trainings implemented in July.					
Aug-15	No trainings implemented in August					
Sept-15	No trainings implemented in September					
May-15	Africom	Uganda	Bio-Surveillance	One Health	22	Yes

Table 3- Summary of Contract Modifications

Contract Modifications	Requirement / Description	Date Received	Letter Issued to DTRA
P00001	Respond to the Ebola outbreak in Africa	21-Mar-14	18-Apr-2014
P00002	Removed FTE and geographical restrictions from SOW	27-Mar-14	25-Apr-2014
P00003	Authorized use of existing LOE under CLIN 04 at the discretion of the COR	4-Apr-14	9-May-2014
P00004	Bat-borne pathogen surveillance	6-May-14	5-Jun-2014
P00004	Clinician Training in at least 3 African countries	6-May-14	5-Jun-2014
P00004	BS&S / NHLS Training in South Africa	6-May-14	5-Jun-2014
P00005	Added funding at the SLIN level to requirements listed in P00004	14-May-14	N/A
P00006	SURGE CLIN - Extended POP for EBOV response	12-Jun-14	N/A
P00007	REA Negotiation	25-Jun-14	27-Jun-2014
P00008	Surge POP extension	6-Aug-14	N/A
P00009	REA for Bat-Borne Training and revised Rate Cards	3-Sep-14	N/A
P00010	Ukraine Projects – UP2 & TAP4	17-Sep-14	N/A
P00011	Incorporates FAR clause 52.225-99 initiating use of Synchronized Pre-deployment and Operational tracker for efforts in Africa.	4-Dec-14	N/A
P00012	Authorizes FFP funds for CLIN 0003 and CLIN 1006. Incorporates requirement for DBA insurance.	26-Jan-15	N/A
P00013	Issues change order from FFP LOE to FFP. Requests Proposal extension of base year through April.	2-Feb-15	N/A
P00014	Awards Base Year Extension	10-Apr-15	N/A
P00015	Realigns funding between ACRNS	16-Apr-15	N/A
P00016	Issues two week extension for base year	21-Apr-15	N/A

P00017	Awards T&M Option Year for $12,771,956.28.	15-May-15	N/A
P00018	Provides Incremental funding for Option Year 1	15-May-15	N/A
P00019	Funds REA and changes contract clauses.	3-Sep-15	N/A
P00020	Adds funding to CLIN 1002 and 1005	28-Sep-15	N/A
P00021	Adds FLN rate card. Changes Key Personnel. Adds Subcontractor and FAR clause	28-Sep-15	N/A

Table 4- Summary Committed Funds

CLIN	Total Awarded	Total Funded	Total Committed	Total Remaining
0001	$2,945,896.76	$2,945,896.76	$2,945,896.76	$0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	$1,283,857.97	$1,283,857.97	$0.00
0004	$1,194,823.51	$1,194,823.51	$1,194,823.51	$0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00
0008	$164,002.13	$164,002.13	$100,581.53	$63,420.60
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$1,938,246.22	$1,938,246.22	$1,938,246.22	$0.00
1002	$7,619,312.70	$3,720,344.38	$4,444,435.12	$724,090.74
1003	$806,459.36	$421,652.00	$499,920.56	$78,268.56
1004	$78,348.00	$78,348.00	$93,144.57	$14,796.57
1005	$2,329,590.00	$400,000.00	$363,783.78	$36,216.22
TOTAL	**$19,816,346.97**	$13,602,981.29	$14,320,500.34	$717,519.05

Table 5- 75% Estimate

CLIN	Total Awarded	Total Funded	Total Expended	Estimate 75% Funding Completion Date
1001	$1,938,246.22	$1,938,246.22	$888,363.00	15-May-2016
1002	$7,619,312.70	$3,720,344.38	$2,536,066.63	29-Dec-2015
1003	$806,459.36	$421,652.00	$228,718.00	15-May-2016
1004	$78,348.00	$78,348.00	$3,708.00	15-May-2016
1005	$2,329,590.00	$400,000.00	$124,827.00	15-May-2016
TOTAL	**$12,771,956.28**	$6,558,590.60	$3,781,682.63	

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Monthly Progress and Financial Report
CDRL A001

Prepared for:

Prepared by:

METABIOTA

Monthly Progress and Financial Report CDRL A001 No. #22
November 01, 2015- November 30, 2015

12/10/15

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This submission of the Monthly Report (Contract Data Requirements List; CDRL A001 encompasses implementation of Academic Engagement Partnership (AEP) program activities in accordance with Defense Threat Reduction Agency (DTRA) Cooperative Biological Engagement Program (CBEP) contract HDTRA1-14-C-0104 for 11/01/15-11/30/15.

Technical Directives

AFRICOM

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 – 04/30/16
Total Estimated Budget: $125,975.00
Estimated Expenditure: $79,696.49
Technical Direction Status: Approved

Completed Activities
- Training materials were translated by CLS; Metabiota staff fluent in French have reviewed the translated materials and made corrections where necessary.
- A revised TD with a new period of performance was executed.

Upcoming Activities
- Metabiota is standing by, awaiting the outcome of the Leahy vetting to identify new training dates.

Challenges
The Cameroon Ministry of Defense has been reticent to provide the additional information required to complete Leahy vetting of their trainees. The US Embassy defense attaché office in Yaoundé has issued diplomatic notes to try to unstick this roadblock, but little to no action has been seen to date.

TD 008 Clinician Training - Uganda

Objectives
This effort has been cancelled.

Period of Performance: 05/16/15-08/18/15
Total Estimated Budget: $2,769,776.00
Total Expenditure: $737,361.45
Technical Direction Status: *Completed, Closed.*

TD 009 NHLS BS&S Training - South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/15- 05/15/16
Total Estimated Budget: $335,608.00
Estimated Expenditure: $184,501.09
Technical Direction Status: Approved

Completed Activities

- Metabiota PM and PC conducted bi-weekly conference calls with DTRA CBEP personnel and A&AS support contractors.
- The Metabiota PM and PC conducted regular conference calls with NHLS point of contacts to discuss and work through logistical and programmatic issues.
- The Metabiota PM and PC drafted and submitted a CLS shipping support request for PortaCounts and iPad procurement.
- The Metabiota team procured and delivered PortaCounts, iPads, respirators, and other fit testing training materials with the assistance of CLS shipping.
- NHLS Respirator Fit testing, Master Trainer Orientation training materials and agenda were developed by the NHLS occupational health specialist (billed as a Metabiota Research and Data Analyst) and participants selected. Due to inadequate time to allow for customs processing of materials, the orientation training was postponed to Feb. 2-4, 2016.
- The Metabiota PM and PC submitted Travel Event Plan (TEP) to the assigned DTRA CBEP representative with amended training dates.
- The Metabiota PM and PC submitted a CLS logistics support request for NHLS trainers and participants with the amended training dates.
- Biosafety and Biosecurity training scripts were drafted and video plans developed.

Upcoming Activities

- The Master Trainer Orientation training for fit testing will take place Feb. 2-4, 2016.
- Biosafety and Biosecurity training video scripts will be finalized and videography initiated.
- OHASIS maintenance module stakeholders consulting and schedule development.

Challenges
Due to of anticipated delays related to shipping and customs of hazardous materials, isopropyl alcohol was removed from the PortaCount packages prior to export to South Africa. As such, the NHLS team must obtain equivalents for the use of the PortaCounts. Metabiota will continue to support NHLS staff in obtaining these alcohols for all sites to ensure the upcoming fit testing needs within a reasonable and appropriate cost. Additionally, after Master Trainer planning was conducted, one participant resigned his position with the NHLS. Metabiota will continue to communicate with NHLS POCs to identify an appropriate alternative participant to act as eventual fit testing trainer.

TD 010 One Health Epi Training - South Africa

Objectives
Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/15- 12/31/15
Total Estimated Budget: $134,551.00
Estimated Expenditure: $63,975.63
Technical Direction Status: Approved

Completed Activities
- Designation of technical and sectional leads in support of the training materials and landscape review report.
- Conducted bi-weekly conference calls with DTRA CBEP personnel and A&AS support contractors.
- Conducted bi-weekly conference calls with South African stakeholders supporting the review and modification of One Health Epidemiology (OHE) materials.
- Conducted individual calls with each South African stakeholder as necessary to ensure continued understanding of project scope of work and to provide additional opportunity for direct questions.
- Completion of modules 1 & 2 review and analysis of One Health epidemiology materials designated for Ugandan and Nigerian district health officers by Metabiota Subject Matter Expert.
- Dates for in-country event to support the review and recommendations for modification of One Health epidemiology materials selected in concert with South African stakeholders and the Metabiota Project Team for February 17th-19th, 2016.

Upcoming Activities
- Finalization and submission of the One Health Epidemiology Landscape Review report to DTRA CBEP representation.
- Submission of TEP for in-country assessment.
- Submission of all travel related CDRLs in support of Metabiota Project Team requirements in South Africa.
- Identify final logistical needs for the in-country effort.
- Continue to ensure effective coordination of communication between stakeholders involved in the materials review process.

Challenges
Previous confusion regarding the misunderstanding of project scope per communication of South African stakeholders with the former DTRA CBEP country manager on a now defunct project has been resolved. However, the time it took to reach this understanding has left Metabiota and the South African stakeholders with a smaller window than expected regarding the delivery of the One Health epidemiology landscape review and analysis report. In addition, at least one stakeholder has expressed concern over limited availability of time due to scheduled training and leave. Metabiota still intends to

deliver the document before the scheduled submission date, and has taken measures to mitigate this situation by condensing the mentioned stakeholders' duties to a more manageable level of effort.

TD 013 One Health Epi Training - Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan and Nigerian National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/15- 02/29/16
Total Estimated Budget: $381,705.00
Estimated Expenditure: $148,672.57
Technical Direction Status: Approved

Completed Activities
- Conduction of pre travel meetings purposed to prepare both CDC Uganda the Metabiota Project Team for the implementation of Cohort 9 Module 2 and Cohort 10 Module 1 trainings.
- Procurement and selection of best available options for necessary travel and materials to support Cohort 9 Module 2 and Cohort 10 Module 1 trainings.
- Submission of TEP in support of Cohort 10 Module 2 trainings slated to take place in Fort Portal, Kabarole, Uganda.
- Held bi-weekly conference calls with DTRA CBEP personnel and A&AS support representation.
- Held bi-weekly conference calls with CDC-Uganda and Ugandan Ministry of Health to discuss implementation of trainings going forward.
- Resubmission of TD-013 in support of contractual changes regarding foreign local national labor rates and programmatic needs for the Metabiota Project Team.

Upcoming Activities
- Implementation of Cohort 9 Module 2 set to take place December 7-11, 2015 in Jinja, Uganda.
- Implementation of Cohort 10 Module 1 set to take place December 14-18, 2015 in Kabarole District Uganda.
- Continuation of bi-weekly calls for with all stakeholders.
- Development and delivery of Training Trip Report in support of Cohort 9 Module 2 and Cohort 10 Module 1 trainings.
- Continuation of bi-weekly calls with DTRA CBEP and Metabiota.

Challenges
Some minor issues occurred regarding bi-weekly communications with in-country stakeholder CDC-Uganda. Due to obligations on their behalf, conference call attendance was low or non-existent. Metabiota mitigated this concern by reaching out with comprehensive follow up emails. Though this delay in communication caused an associated delay in requested and relevant information in support of CLS form changes, the project timeline was not affected.

TD 014 Grant Writing Mentorship and Workshop - Kenya

Objectives
The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 7/21/15- 5/15/16
Total Estimated Budget: $113,982.82
Estimated Expenditure: $13,576.33
Technical Direction Status: Approved

Completed Activities

- Held bi-weekly calls with DTRA CBEP representation.
- Held follow up calls with DTRA CBEP and (b)(6) regarding resource concerns to support TD-014.
- Developed a resource reallocation solution in support of (b)(6) concerns over limitations in project resources.
- Identification of Kenyan subject matter experts slated to support the review and improvement of participant research manuscripts.
- Identification of Metabiota Subject Matter expert profile in support of the review and improvement of participant research manuscripts.
- Selection of dates in concert with Kenyan stakeholders for the Kenya Writing Workshop as February 8-13th, 2016.
- Request submitted to Kenyan Stakeholder (b)(6) to provide salary history information for all intended Kenyan SMEs in support of IC agreement development.
- Additional Request submitted to (b)(6) for the delivery of the manuscripts produced by 20 participants selected from the Regional Conference on Zoonotic Diseases in Eastern Africa.

Upcoming Activities

- Selection of subject matter experts to support the Writing Workshop.
- Finalization of dates for the workshop.
- Development and Submission of TEP, TAF, CLS, and CCR in support of the Kenya Writing Workshop.
- Development of Independent Consultant agreements to support the onboarding of Kenyan SMEs.
- Continuation of bi-weekly stakeholder calls.
- Presentation of resource constraint solution to DTRA CBEP representation.

Challenges
Forward progress on all phases of this effort is currently requisite on the submission of materials to Metabiota by in-country stakeholder (b)(6) The stated reason for his delays surround a general preoccupation with other activities, as well as a need to re amine the profiles of selected workshop participants. Metabiota has expressed these concerns to DTRA CBEP Regional Science Lead, (b)(6) who in kind has explained the urgency of our needs to (b)(6) through both

phone and email (b)(6) has since acknowledged the delay and expressed his interest in improving communications.

Upon receipt of the requested materials, Metabiota will be able to move forward with the presentation of its solution to DTRA CBEP representation regarding resource constraints, as well as with the project as a whole.

CENTCOM

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan

Objectives

To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-Cov) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 05/16/15- 01/31/16
Total Estimated Budget: $391,056.00
Estimated Expenditure: $288,930.46
Technical Direction Status: Approved

Completed Activities

- Submitted CLS travel and logistics support request for PIs from IVM to collect samples from Almaty Oblast. Request was approved and PI's conducted sample collection on 27 – 28 November.
- Submitted CLS travel and logistics support request for PIs from IVM to travel to Astana to secure official approval and permit from the Kazakhstan Ministry of Agriculture for customs acceptance of training materials. Request was approved, and subsequently canceled due to supplementary instruction received from DTRO, informing us that the travel was unnecessary and the permit request should be processed through Almaty office.
- IVM received official approval and permit from the Kazakhstan Ministry of Agriculture for customs acceptance of training materials being shipped into the country.
- Proceeded with shipment of training materials; US shipment arrived on 25 November and Singapore shipments arrived on 2 December.
- Received additional trainees from the Research Institute for Biological Safety Problems (RIBSP), adjusted materials and support for increased number of trainees.
- Confirmed laboratory access for additional participants, interpreters and logistical support for pre-coordination meetings and training event scheduled for 7-11 December.
- Coordinated with A&AS team to revise printed order and resubmission of requested quantity of bound copies of the training materials, as well as inclusion of additional presentation slides.
- Finalized and distributed daily itinerary and logistical travel documents to Duke NUS trainers, CBEP regional and country leads, and in-country partners to facilitate event coordination.
- Finalized and distributed internal inventory and receipt of goods documents for review and sign-off following completion of supply inventory conducted with IVM.

- Completed modification of the PO with local procurement support TMC Global Professional Services for extended period of performance and increased ceiling price to support local procurement of training materials and supplies.
- Held project coordination meeting on 24 November with CBEP, IVM, Duke, TMC, and TTI/CLS to review status updates on shipment, samples collection, training materials, participants, travel logistics, and the training agenda prior to team departure to Almaty to conduct the training event.
- Continued communication with CLS to coordinate translation, printing, shipment, pick-up, and review of training materials, and event logistics.
- Continued coordination with CLS for in-country support to install translation equipment and arrange catering and transportation services in support of training event.
- Coordinated with IVM, CBEP, and Duke to arrange a meeting with the Director of IVM to support final administrative approval and coordination in support of the event.
- Continued communication and collaboration with key CBEP, in-country partners, Duke-NUS Qualified Trainers (QT) and CLS to coordinate logistical requirements for the training event.
- Shared CDRL 11 Transfer of Equipment and Materials with IVM. They are in agreement to sign the document. Waiting on final confirmation from CBEP on the way forward, and translation of the agreement into Russian.
- Metabiota PM, and Duke NUS trainer FOIA (b)(6) departed for Almaty to support pre-coordination and set-up of training to ensure requirements for event kick-off are finalized prior to 7 December kick-off.

Upcoming Activities

- In-country preparations of reagents and assays on 3-4 December for December 7 training.
- In-country review of inventory and materials on 3-4 December for December 7 training.
- In-country meeting with CBEP, IVM, and Duke-NUS on 6 December to in preparation for December 7 training.
- Coordination of participant group dinner.
- Coordination of meeting with IVM Director.
- Completion and submission of CDRL 11 Transfer of Equipment and Materials to IVM, and finalization with CBEP.
- Implementation of second Sample Collection and Diagnostics Training on MERS-CoV in Camels and Bats from 7-11 December, 2015.
- Completion of project deliverables after training event, to include the Travel Trip Report, the Training Trip Report, the participant feedback forms, etc.
- Completion of final project deliverables to close out TD 002.

Challenges

IVM PIs and in-country DTRO personnel experienced miscommunication of requirements and responsibilities regarding the official approval and permit from the Kazakhstan Ministry of Agriculture for customs acceptance of training materials. The MOA permit was not secured in the order and time-frame as was originally intended, which could have inhibited shipment of training materials into the country. The project was near cancelation, however, in-country CBEP personnel assisted IVM to successfully arrange the permit, allowing for shipment to proceed. Additionally, the Singapore shipment pick-up experienced challenges due to the package dimensions, weights, and temperature requirements not being relayed to the freight forwarder in Singapore. The Singapore freight forwarder did not have

the appropriate shipping materials readily available, which delayed pick-up of the materials. Duke personnel communicated the shipment needs and arranged the materials in time to meet the 2 December delivery date to IVM.

TD003 Bat Borne Virus from Annual Bat Cull India- Cancelled

Objectives
This effort has been cancelled

Period of Performance: 06/01/15 – 09/30/16
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: Cancelled

TD004 MESA Epigenetics and Genomics of Infectious Disease Workshop

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/15 to 05/15/16
Total Estimated Budget: $488,040.00
Estimated Expenditure: $193,146.67
Technical Direction Status: Approved

Completed Activities

- Modified Gryphon Scientific subcontract following continued coordination and finalization of agreement with Gryphon contracts personnel.
- Researched logistical requirements costs and possible itineraries for conducting an optional Petra Networking Day on 09 March, 2016.
- Invited speakers and Scientific Advisory Board members receiving travel support to participate in the Petra Networking Day.
- Prepared first CLS travel support request for March Conference with revised departure dates due to individuals that will participate in the Petra Networking Day; document is currently being edited internally before submission.
- The deadline for Abstract submission was extended from 06 November to 01 December. Abstract submissions were closed on 01 December.
- Gryphon Scientific distributed abstracts to Scientific Advisory Board members for review, acceptance determination, and selection for both poster and oral presentation.
- Preparation of the Travel Authorization Form and Customs Clearance Request for Gryphon and Metabiota personnel.
- Submission of the Travel Authorization Form for Gryphon and Metabiota personnel for March Conference event.
- Preparation of internal letters of invitation from RSS for Metabiota and Gryphon visas.

- Continued monitoring and providing support to US citizens completing JKO trainings for DoD travel support.
- Speakers and panel board members continue to be invited.
- Continued revisions of conference agenda and panel board members with Gryphon, CBEP, and Scientific Advisory Board.
- Ongoing outreach of Conference event to increase participation.
- Ongoing communication and collaboration with CBEP personnel, in-country partner RSS, Gryphon Scientific, and CLS to coordinate logistical and technical requirements necessary for the conference.

Upcoming Activities

- First round of abstract submission deadlines on 01 December.
- Scientific Advisory Board to review abstracts and discuss acceptance and placement (for platform talk, poster session, or neither) during the Abstract Review on 03 December.
- Abstract Review of Scientific Advisory Board rescheduled from 03 December to 10 December, postponing the submission of travel documents from 15 December to 22 December.
- Scientific Advisory Board to submit final results of selected abstract assignments for confirmation.
- Application registration and travel support deadline on 14 December to support logistics and approval processes according to CDRL requirements.
- Submission of abstracts to DTRA for PAO approval.
- Submission of CLS travel support request for Scientific Advisory Board Members, speakers, and participants.
- Submission of the Country Clearance Request for Gryphon and Metabiota personnel for March Conference event.
- Continue to work with key CBEP personnel, Gryphon, RSS, and CLS to monitor travel requests, participant applications, and finalize CLS logistical requirements for March, 2016 conference.

Challenges

Ongoing coordination of travel logistics for speakers, scientific advisory board members, and participants has proven very time-consuming given the large quantity of requests, especially given the additional coordination for the Petra Networking Day, FTR exemption requests, and varying personal travel dates. The postponement of the Scientific Advisory Board Abstract Review will delay the submission of travel documents, which will now be submitted to CLS and CBEP during the December holidays which may further postpone the process. Metabiota will work closely with CLS/TTI and CBEP representatives to ensure clear communication of individual travel requests and monitor the process so that all travelers are accounted for.

TD005 Long Distance Learning Iraq- Cancelled

Objectives

This effort has been cancelled

Period of Performance: 06/01/15 – 09/30/16
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00

Technical Direction Status: Cancelled

EUCOM

TD 011 Ukraine TADR Activity Project 4 (TAP-4)

Objectives
The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/15/15-01/31/16
Total Estimated Budget: $116,879.54
Estimated Expenditure: $66,984.66
Technical Direction Status: Approved

Completed Activities
- The final regional workshop took place in Tbilisi, Georgia, 3 – 4 November. Metabiota personnel met with DTRA and A&AS prior to the start of the workshop to discuss the overall effort and how it might be improved upon for future efforts.
- The final workshop included representatives from Armenia, Ukraine, Georgia, Kazakhstan, and other stakeholders. Representatives presented the outcomes of the outreach activities implemented in each country, discussed the challenges encountered during the implementation of the project, and discussed the implementation and sustainability of future outreach activities as part of a wider national ASF prevention strategy.
- Metabiota assisted the Ukrainian delegation in refining the materials presented at the final workshop. The presentation included an overview of TAP-6 activities, additional support activities to the Ukrainian State Network of Veterinary Medicine Laboratories, and an overview of other opportunities for regional engagement on ASF and other veterinary issues.

Upcoming Activities
- Metabiota will submit the final report summarizing the work done in Ukraine, including those items preformed by the subcontractor SAFOSO.

Challenges
None.

TD 012 Ukraine Project 2 (UP-2)

Objectives
This effort has completed

Period of Performance: 05/16/15-09/30/2015
Total Estimated Budget: $264,788.00
Total Expenditure: $297,064.00
Technical Direction Status: Approved, Complete (Transferred to BTRIC TO4)

TD 016-Georgia GIS

Objectives
Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15-05/15/16
Total Estimated Budget: $139,514.62
Estimated Expenditure: $10,547.60
Technical Direction Status: Approved

Completed Activities
- Metabiota PM, PC, and SME have participated in calls led by the project teams of GG-19, GG-20, and GG-27 to understand project schedules and goals.
- Metabiota PM and PC drafted SOW and other subcontract documents and conducted multiple back and forth discussions with SME at University of Florida in preparation for fully executing the subcontract to retain FOIA (b)(6) and his team for their GIS expertise.
- Metabiota received concurrence from DTRA on the revised labor mix which reduces SME 2 hours and allows for RDA hours to be billed instead.
- Metabiota SME provided input to the GG-27 project team on computers, software, and training.
- Metabiota SME reviewed data entry forms and provided feedback for GG-27 soil sample data capture.
- Metabiota SME reviewed current geospatial modeling literature as background for preparing a plan for GG-27 data analysis and training.
- Metabiota SME reviewed GIS training and mentorship materials for GG-20 and GG-27 participants.

Upcoming Activities
- Metabiota GIS SMEs are preparing for a possible trip to Georgia at the beginning of February in conjunction with the various CBR project teams to accomplish goals related to all three CBR projects. Metabiota will be submitting travel documents and travel authorization request.
- Metabiota expects to finalize the subcontract with the University of Florida shortly.
- Metabiota SME is reviewing the GG-20 quarterly report and providing feedback to the project team.
- Metabiota SME is working to bring RDAs up to speed on the CBR projects in order to efficiently provide GIS data analysis support and mentoring to the Georgian scientists.

Challenges
The CBR project teams have rescheduled teleconferences and meetings a number of times, which has made coordination of the GIS portion of this work challenging. However, it appears that the coordination of these projects is back on track and the Metabiota PM is communicating with the CBR project teams' leads outside of the scheduled teleconferences and meetings as a risk mitigation.

TD 017-Georgia SME Grantsmanship

Objectives
Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct/indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: $136,732.00
Estimated Expenditure: $32,687.39
Technical Direction Status: Approved

Completed Activities
- Metabiota PM and PC held regular communications with the SMEs to monitor progress on the mentorship plan and materials.
- Metabiota SMEs generated a comprehensive Grantsmanship mentoring plan, including materials related to each week's projected effort. The plan and materials have been reviewed by the PM and PC.
- Metabiota PM, PC, and SMEs communicated the tentative plan to the stakeholders at NCDC and LMA and are awaiting feedback and the identification of project participants.

Upcoming Activities
- Upon identification of project participants by NCDC and LMA leadership, Metabiota SMEs will begin working with the mentees on initial coordination and brainstorming of possible grant topics to be elaborated upon during the mentorship.
- Metabiota are planning on submitting travel documentation and travel authorization request for a trip to Georgia to occur in late January/early February; however, this date may slip due to lack of commitment from NCDC and LMA.

Challenges
It does not appear that at this time, NCDC or LMA are sold on the concept of this mentorship. In recent discussions, both agencies appear reticent to commit personnel time to the program. Additionally, the holidays and work schedules of the two agencies may delay the start of the mentorship program. Mentorship requires a firm commitment of time and energy by the mentees (and by extension, their chain of command) in order to be successful. If NCDC and LMA cannot or will not commit wholly to Grantsmanship mentoring, it may be necessary to reevaluate in conjunction with DTRA the scope of this project.

TD 018-Georgia Visiting Scientist Genomics

Objectives
Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: $384,435.00
Estimated Expenditure: $70,418.75
Technical Direction Status: Approved

Completed Activities

- Conducted mentorship activities on comparative genomics of FSU anthrax vaccine strains at the Lugar Center.
- Next-generation sequencing data suggests the genome of the anthrax STI strain currently in production in Georgia displays a significant amount of genetic variation that distinguishes it from the STI strain recently reported.
- NGS-based *in silico* analysis workflow for pathogen subtyping using established agent-specific genotypic markers including single-nucleotide polymorphisms (SNP), short nucleotide repeats (SNR), and variable number tandem repeat (VNTR) began development.
- Conducted mentorship activities on Next-generation-sequencing (NGS)-based pathogen characterization at the Lugar Center.
- Continued mentorship through individual stages of genomic analysis using standard methods in NGS raw sequence data quality control (QC), draft genome assembly and comparative genomic analysis using multiple software tools.
- Mentored activities produced de *novo* and mapped genome assemblies for these samples were generated across multiple in-house software platforms including CLCBio, Velvet, and Geneious programs.
- Mentorship activities also covered of the need in some instances to modify testing procedures for bacterial strains that to do not react to established pathogen-specific antisera.
- Conducted mentorship activities on general sequence analysis at the Lugar Center.
- Mentorship activities included a viral genomics test data set for general sequence analysis using the software MEGA. The example pathogen chosen for this mentorship activity was Crimean-Congo-Hemorrhagic Fever (CCHF) virus.
- Conducted Genome Center capacity building in DNA sequence annotation.
- Preparation of a workflow for genome/plasmid sequence annotation for Lugar Center staff using both in-house software at the Lugar Center as well as available open-source free-ware that is standard in this field including the RAST annotation server was begun.

Upcoming Activities

- Continued mentorship activities on comparative genomics of FSU anthrax vaccine strains at the Lugar Center.
- Additional mentored analysis on the nature and extent of observed genetic variation. Mentorship activities will ideally result in data suitable for a Genome Report publication and potentially a follow-on comparative genomics manuscript that illustrates major features of variation exhibited by FSU vaccine strains compared to their global relatives.
- Continued mentorship activities on NGS-based pathogen characterization at the Lugar Center.
- Additional mentorship activities will include computational strategies to approach sequence-structure-function relationships for resolving NGS-based genotype-phenotype associations in conventional and atypical pathogens.
- Continued mentorship activities on general sequence analysis at the Lugar Center.
- Additional mentorship activities will include NGS-based viral genome assembly, annotation and methods in whole genome viral molecular evolution.

Challenges

Metabiota's visiting scientist has encountered a few issues in the conduction of mentorship activities. Most notably, the VS has identified that technical skills developed by Lugar staff in foreign laboratories have not been transferred to other in-house staff. Additionally, many international collaborators with the Lugar Center do the majority of sequence analysis for the internationally-funded projects. As such, Lugar Center intellectual capital has not been maintained or further developed. Metabiota's visiting scientist will continually work to sustain, further develop, and disseminate technical resources and provide 1-on-1 mentorship to better ensure greater access to skills development throughout the lab. Such activities will include an assessment of individual skill sets related to genetics and genomics research of Lugar Center staff via a skill set review workshop with the Lugar Science Director.

TD 019-Georgia Visiting Scientist Microbiology

Objectives
Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: $382,330.00
Estimated Expenditure: $91,8835.11
Technical Direction Status: Approved

Completed Activities

- The Metabiota PM and PC held regular calls with the Visiting Scientist (VS) to discuss current activities and assist the VS with any issues requiring programmatic input.
- The Metabiota PM communicated several times with the DTRA Country Manager regarding the possibility of using BTRIC support for technical translation and interpretation.
- Metabiota VS continued working on the TAP-11 validation plan with NCDC scientis (b)(6) (b)(6) and discussed the path forward for the IRB determination with NCDC and USAMRIID. The VS also participated in a CBR meeting with NCDC and Attimo.
- Metabiota VS reviewed and provided feedback to Georgian scientists on three abstracts for submission to DTRA in support of conference attendance, including one abstract on the GG-19 invasion assay work.
- Metabiota VS is providing bacteriology mentoring to LMA staff, especially as related to helping LMA with brucellosis proficiency testing. Related to this, Metabiota VS has discussed with (b)(6) (b)(6) about the possibility of resupplying LMA with Bruce Ladder reagents.
- Metabiota VS held discussions with CH2M Hill sustainment team about conventional PCR equipment at the ZDLs.
- Metabiota VS is assisting Lugar Center and Batumi staff with troubleshooting of the PCR protocols and reagents for the avian influenza CBR work with University of Cambridge. After extensive troubleshoot, it appears that the fluorescent probe being used may have gone bad. Metabiota VS is communicating with project leads and staff at Batumi to either have new probe shipped to Georgia, or check to see if an unopened tube of probe exists in the Batumi stocks.
- Metabiota VS is assisting NCDC staff at the Lugar Center in designing a dilution series of vaccine strain *Brucella* to meet a project need at the Agrarian University.

- Metabiota VS assisted NCDC with preparatory work for the GCMS instrument secured through a grant from UNICRI. This included building a pre-installation checklist including items like verifying condition of electrical supply and environmental factors and working through it with NCDC staff. The VS is also suggesting that NCDC leadership consider developing a strategy for the operation and maintenance of the device, given that there are few people at NCDC currently qualified to do so.

Upcoming Activities

- Metabiota VS expects to continue assisting with the troubleshooting of the avian influenza PCR reaction at the Lugar Center, which will then be followed by running confirmatory diagnostic tests on samples which are putatively positive for HPAI recently collected from waterfowl in Georgia. In conjunction with this project, the VS expects to need to make a trip to the Batumi Zonal Diagnostic Laboratory to mentor staff there in various protocols and troubleshooting techniques.
- Metabiota VS expects to help NCDC staff complete work on the validation plan for GG TAP-11.
- Metabiota VS will continue to participate in coordination calls and meetings for CBR projects funded by DTRA and support and mentor Georgian scientists involved in those projects as needed.

Challenges

The DTRA Country Manager has determined that BTRIC translation/interpretation support will not be made available to the Metabiota VS. Metabiota will seek to use CLS for all translation/interpretation support; however, we expect this to result in degraded quality of language services due to the need for specialized technical knowledge, and difficulty in scheduling as mentorship needs have been unpredictable and often arise on short notice. Metabiota will endeavor to make interpretation support needs as predictable as possible, possibly by trying to create a regular working schedule at the institutes where interpretation is most needed.

PACOM

TD 006 Nipah Research Activity Project-Cancelled

Objectives

This effort has completed.

Period of Performance: 06/01/15 – 09/30/15
Total Estimated Budget: $874,846.00
Total Expenditure: $11,985.82
Technical Direction Status: Cancelled

TD 007 Regional Baseline Assessment

Objectives

Characterize the region based on the disease landscape, organic regional capabilities, and external factors that impact CBEP objectives, identify needs and areas of overlap with other stakeholders, and provide overarching strategic guidance & goals to CBEP PACOM Country Managers in the development of country engagement strategies.

Period of Performance: 05/16/15 – 10/31/15
Total Estimated Budget: $850,489.00
Total Expenditure: $850,489.00
Technical Direction Status: Approved

Completed Activities

- Held review meetings with CBEP regional team 18 Nov and 24 November to work through and discuss revised submission schedule, acceptance criteria, and APLA Volume I and II progress and revisions completed to date.
- Secured additional SME support to complete revisions and edits needed to finalize the APLA and respond to comments received by CBEP.
- Internal team leads and functional teams continued revisions and QAQC required to finalize the document.
- Developed maps and graphs to provide greater visual detail for data in all sections of the document.
- Initiated coordination for 11 December review meeting with CBEP leads to conduct a presentation and review of APLA in preparation for final submission on 18 December.
- Continued revisions and edits to all sections of the APLA in preparation for final submission.

Upcoming Activities

- Continue revisions, and editing to the APLA for submission of document on 18 December.
- Continue edits and QA/QC in preparation for 11 December review meeting with CBEP leads and SMEs.
- Perform QA/QC reviews of draft document by SMEs prior to submission of document on 18 December.
- Secure additional SME support, at no cost to the Government for further build out and analysis of the regional baseline analysis.
- Secure additional graphic services for finalization and stylization of the report.

Challenges

The deliverable submitted to CBEP on 1 October did not meet the standards of research that both Metabiota and CBEP were looking for in the final product. Previous challenges identified in the accelerated schedule and volume of research and analysis required to complete this project impeded progress towards the 1 October submission that should have been more clearly communicated to CBEP leadership. Following review and receipt of the comments matrix by the CBEP team, Metabiota has initiated revisions and responses to CBEP comments in preparation for the final deliverable on 18 December. To complete this task, Metabiota has secured additional internal and external SME support, at no cost to the Government to complete the required revisions to the analysis and provide a final product that meets the standards required.

TD 015 Health Informatics Support in Vietnam-Complete

Objectives

This effort has completed.

Period of Performance: 05/16/15 – 06/30/15
Total Estimated Budget: $51,804.80
Total Expenditure: $51,804.80
Technical Direction Status: Approved, Closed

Metrics

Table 1 – Summary of Invoicing

CLIN	Total Awarded	Total Funded	Total Invoiced	Total Remaining
0001	$2,945,896.76	$2,945,896.76	$2,945,896.76	$0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	$1,283,857.97	$1,283,857.97	$0.00
0004	$1,194,823.51	$1,194,823.51	$1,194,823.51	$0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00
0008	$164,002.13	$164,002.13	$70,877.93	$93,124.20
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$1,938,246.22	$1,938,246.22	$888,362.56	$1,049,883.66
1002	$7,619,312.70	$3,720,344.38	$2,535,742.44	$1,184,601.94
1003	$806,459.36	$421,652.00	$227,652.86	$193,999.14
1004	$78,348.00	$78,348.00	$3,998.36	$74,349.64
1005	$2,329,590.00	$400,000.00	$122,361.41	$277,638.59
TOTAL	**$19,816,346.97**	**$13,602,981.29**	**$10,729,385.12**	**$2,873,597.17**

Table 2 – Summary of Implemented Trainings

Training Month	Region	Country	Type	Human, Veterinary, One Health	#Trained	TOT
Apr-14	Africom	Sierra Leone	Clinical	Human	385	Yes
May-14	Pacom	Singapore	Bio-Surveillance	One Health	8	No
Feb-15	Africom	Uganda	Bio-Surveillance	One Health	25	No
Apr-15	Pacom	Australia	Bio-Surveillance	One Health	9	No
Apr-15	Africom	Uganda	Clinical	Human	33	Yes
May-15	Africom	Uganda	Bio-Surveillance	One Health	38	Yes
May -15	Africom	Uganda	Clinical	Human		Yes
June-15	Africom	Uganda	Clinical	Human		Yes
May -15	Centcom	Kazakhstan	Clinical	Human		Yes
Jul-15	No trainings implemented in July.					
Aug-15	No trainings implemented in August					
Sept-15	No trainings implemented in September					
Oct-15	Africom	Uganda	Bio-Surveillance	One Health	22	Yes
Nov-15	No trainings implemented in September					

Table 3- Summary of Contract Modifications

Contract Modifications	Requirement / Description	Date Received	Letter Issued to DTRA
P00001	Respond to the Ebola outbreak in Africa	21-Mar-14	18-Apr-2014
P00002	Removed FTE and geographical restrictions from SOW	27-Mar-14	25-Apr-2014
P00003	Authorized use of existing LOE under CLIN 04 at the discretion of the COR	4-Apr-14	9-May-2014
P00004	Bat-borne pathogen surveillance	6-May-14	5-Jun-2014
P00004	Clinician Training in at least 3 African countries	6-May-14	5-Jun-2014
P00004	BS&S / NHLS Training in South Africa	6-May-14	5-Jun-2014
P00005	Added funding at the SLIN level to requirements listed in P00004	14-May-14	N/A
P00006	SURGE CLIN - Extended POP for EBOV response	12-Jun-14	N/A
P00007	REA Negotiation	25-Jun-14	27-Jun-2014
P00008	Surge POP extension	6-Aug-14	N/A
P00009	REA for Bat-Borne Training and revised Rate Cards	3-Sep-14	N/A
P00010	Ukraine Projects – UP2 & TAP4	17-Sep-14	N/A
P00011	Incorporates FAR clause 52.225-99 initiating use of Synchronized Pre-deployment and Operational tracker for efforts in Africa.	4-Dec-14	N/A
P00012	Authorizes FFP funds for CLIN 0003 and CLIN 1006. Incorporates requirement for DBA insurance.	26-Jan-15	N/A
P00013	Issues change order from FFP LOE to FFP. Requests Proposal extension of base year through April.	2-Feb-15	N/A
P00014	Awards Base Year Extension	10-Apr-15	N/A
P00015	Realigns funding between ACRNS	16-Apr-15	N/A
P00016	Issues two week extension for base year	21-Apr-15	N/A
P00017	Awards T&M Option Year for $12,771,956.28.	15-May-15	N/A
P00018	Provides Incremental funding for Option Year 1	15-May-15	N/A
P00019	Funds REA and changes contract clauses.	3-Sep-15	N/A
P00020	Adds funding to CLIN 1002 and 1005	28-Sep-15	N/A
P00021	Adds FLN rate card. Changes Key Personnel. Adds Subcontractor and FAR clause	28-Sep-15	N/A

Table 4- Summary Committed Funds

CLIN	Total Awarded	Total Funded	Total Committed	Total Remaining Funding
0001	$2,945,896.76	$2,945,896.76	$2,945,896.76	$0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	$1,283,857.97	$1,283,857.97	$0.00
0004	$1,194,823.51	$1,194,823.51	$1,194,823.51	$0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00
0008	$164,002.13	$164,002.13	$100,581.53	$63,420.60
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$1,938,246.22	$1,938,246.22	$1,938,246.22	$0.00
1002	$7,619,312.70	$3,720,344.38	$4,417,390.52	-$697,046.14
1003	$806,459.36	$421,652.00	$491,498.56	-$69,846.56
1004	$78,348.00	$78,348.00	$93,144.57	-$14,796.57
1005	$2,329,590.00	$400,000.00	$363,783.78	$36,216.22
TOTAL	**$19,816,346.97**	$13,602,981.29	$14,285,033.74	-$682,052.45

Table 5- 75% Estimate

CLIN	Total Awarded	Total Funded	Total Expended	Estimate 75% Funding Completion Date
1001	$1,938,246.22	$1,938,246.22	$1,049,883.38	February 2016
1002	$7,619,312.70	$3,720,344.38	$2,741,632.15	29-Dec-2015
1003	$806,459.36	$421,652.00	$315,286.70	15-Dec-2016
1004	$78,348.00	$78,348.00	$3,930.47	15-May-2016
1005	$2,329,590.00	$400,000.00	$132,603.28	15-May-2016
TOTAL	**$12,771,956.28**	$6,558,590.60	$4,227,603.67	

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

CBEP Monthly Training Activity Report
CDRL A006

Prepared for:

Prepared by:

METABIOTA

CBEP Monthly Training Activity Report No. 02

9 June 2014

UNCLASSIFIED

Training Event Plan
Training Trip Report

Cooperative Threat Reduction (CTR)

Part I: Training Event Plan

Staffing Instructions

Each individual training event requires a Training Event Plan in accordance with a Statement of Work/Task Order/CDRL. Plans are to be turned in to the Country Manager/CBEP Training Coordinator via CBEP.Training@dtra.mil no later than 60 days prior to the training event.

BTRIC/Govt Collaborator Name and Country Code:

Instructor(s): FOIA (b)(6)

Course Information

Course Name and Number:

Bat Borne Virus Surveillance Training Workshop: Transformative Science Through Collaborative Research

Type of Training:

Initial training workshop

SOW/CDRL Task Reference:

Metabiota AEP SOW Task #3, CDRL A006

Location: Singapore

Start Date: 2014 May 19

End Date: 2014 May 30

Estimated Cost: $45,000

Training Documents PA Approved?
☐ Yes ☒ No ☐ Not Applicable

Translation Services Required of DTRA
☐ Yes ☐ No ☒ Not Applicable

Special Equipment Requests:

N95 respirators, leather gloves, protective sleeves, harp traps (2), bat ecology books, dissecting kits, protective eyewear, forceps, mounting media

Special Travel Requests for Instructor/Participant:

Lodging, per diem, travel costs

Date Submitted to CBEP: 2014 June 9

Date Training Material Submitted for Review: N/A

Approved by Country Manager or Designee: N/A

Participant Information (If Known)

Last, First, MI	Position	Place of Duty
(b)(6)	Senior specialist	Ilia State University
	Specialist	National Center for Disease Control and Public Health, Ivane Javakhishvili Tbilisi State University
	Project Director	Royal Scientific Society (RSS)
	Veterinarian II/Head	Veterinary Research Dept, Research Institute for Tropical Medicine
	Science Research Specialist I	Dept of Microbiology, Research Institute for Tropical Medicine
	Associate Service Fellow	Rabies section, CDCP (Atlanta)
	Laboratory Chief	Faculty of Medicine, Chulalongkorn University
	Assistant Research Fellow	Animal Health Research Institute, Council of Agriculture, Taiwan

Part II: Training Trip Report

Staffing Instructions

Training Trip Reports are due to the Country Manager/CBEP Training Coordinator 10 working days after the completion of the training. Please submit to: CBEP.Training@dtra.mil

Trip Purpose

This is a training workshop to demonstrate the theoretical, field, laboratory and genetic analytic techniques pertinent to bat borne virus surveillance.

Executive Summary

Issues/Concerns/Recommendations:
There were no major issues or concerns during this training. The course ran smoothly and the participants were very receptive to the itinerary. This course came up with short notice, so more time to prepare would have benefited the laboratory portion. Should future training events occur, the infrastructure has already been built making future courses easier to facilitate.

Instructor Feedback:
This bat borne virus surveillance training workshop primarily followed the FAO animal manual, "Investigating the role of bats in emerging zoonoses: Balancing ecology, conservation, and public health", but also demonstrated field surveillance and BSL-2 laboratory approaches where participants received hands-on experience handling bats and taking samples.

It is the overarching hope of the instructors that the trainees will bring this information to their home country with the intent of establishing a bat-borne pathogen surveillance program.

In total, the course was implemented over the course of 10 days, with 3.5 days of lectures, 4 nights of field trapping, and 2.5 days of laboratory work.

Participant Feedback: (Overall consolidated summary from Participant Feedback Forms collected)

N/A

Participant Information (Final) – Same Information as Above

Last, First, MI	DOB (MM/YY)	Position	Place of Duty	Pre-test Scores (if applicable)	Post-test Scores (if applicable)

NOT PART OF THE TRAINING TRIP REPORT – FOR PARTICIPANTS ONLY

CBEP Participant Feedback Form

PARTICIPANT:
Please take a moment to provide feedback on the training you have just received to help us to improve the quality of the training material and instruction of the course.
Circle how closely you agree or disagree with the statements. If you have specific comments, please provide them to the instructor or write them in the blocks below.
(Scale: 5 = Strongly Agree, 4 = Agree, 3 = Neutral, 2 = Disagree, 1 = Strongly Disagree).

1.	**I am satisfied with the training event.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
2.	**The quality and content of the training materials and presentations met my expectations.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
3.	**The instructor or teacher was aware/ familiar with the topic they discussed and its relevance to my country.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
4.	**The ability, clarity and completeness of the instructor were adequate when responding to trainee questions.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
5.	**The facility and equipment used for training was appropriate and adequate for the number of students.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
6.	**The translation and interpretation during the training was adequate to understand the topic and interact with the instructor when needed.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
7.	**The group discussions adequately covered issues of concern relevant to my country.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
8.	**The information I learned within the course was important and relevant to my current position.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	

Participant Comments (Optional)				

(This Form may need to be translated)
****NOT PART OF THE TRAINING TRIP REPORT – FOR PARTICIPANTS ONLY****

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1.	**I am satisfied with the training event.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
√					
2.	**The quality and content of the training materials and presentations met my expectations.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
√					
3.	**The instructor or teacher was aware/ familiar with the topic they discussed and its relevance to my country.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
√					
4.	**The ability, clarity and completeness of the instructor were adequate when responding to trainee questions.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
√					
5.	**The facility and equipment used for training was appropriate and adequate for the number of students.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
√					
6.	**The translation and interpretation during the training was adequate to understand the topic and interact with the instructor when needed.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
	√				
7.	**The group discussions adequately covered issues of concern relevant to my country.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
√					
8.	**The information I learned within the course was important and relevant to my current position.**				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
√					

Participant Comments (Optional)
-

				applicable)	applicable)

CBEP Participant Feedback Form

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Strongly Agree ✓	Agree	Neutral	Disagree	Strongly Disagree

2. **The quality and content of the training materials and presentations met my expectations.**

Strongly Agree ✓	Agree	Neutral	Disagree	Strongly Disagree

3. **The instructor or teacher was aware/ familiar with the topic they discussed and its relevance to my country.**

Strongly Agree ✓	Agree	Neutral	Disagree	Strongly Disagree

4. **The ability, clarity and completeness of the instructor were adequate when responding to trainee questions.**

Strongly Agree ✓	Agree	Neutral	Disagree	Strongly Disagree

5. **The facility and equipment used for training was appropriate and adequate for the number of students.**

Strongly Agree ✓	Agree	Neutral	Disagree	Strongly Disagree

6. **The translation and interpretation during the training was adequate to understand the topic and interact with the instructor when needed.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree

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Strongly Agree ✓	Agree	Neutral	Disagree	Strongly Disagree

8. **The information I learned within the course was important and relevant to my current position.**

Strongly Agree ✓	Agree	Neutral	Disagree	Strongly Disagree

Participant Comments (Optional)

				applicable)	applicable)

CBEP Participant Feedback Form

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1. **I am satisfied with the training event.** 5

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree

2. **The quality and content of the training materials and presentations met my expectations.** 5

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree

3. **The instructor or teacher was aware/ familiar with the topic they discussed and its relevance to my country.** 5

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree

4. **The ability, clarity and completeness of the instructor were adequate when responding to trainee questions.** 4

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree

5. **The facility and equipment used for training was appropriate and adequate for the number of students.** 5

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree

6. **The translation and interpretation during the training was adequate to understand the topic and interact with the instructor when needed.** 5

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree

7. **The group discussions adequately covered issues of concern relevant to my country.** 5

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree

8. **The information I learned within the course was important and relevant to my current position.** 5

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree

Participant Comments (Optional)

				applicable)	applicable)

CBEP Participant Feedback Form

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8. **The information I learned within the course was important and relevant to my current position.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree

Participant Comments (Optional)

				applicable)	applicable)

CBEP Participant Feedback Form

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Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
√				

2. **The quality and content of the training materials and presentations met my expectations.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
√				

3. **The instructor or teacher was aware/ familiar with the topic they discussed and its relevance to my country.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
√				

4. **The ability, clarity and completeness of the instructor were adequate when responding to trainee questions.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
√				

5. **The facility and equipment used for training was appropriate and adequate for the number of students.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
√				

6. **The translation and interpretation during the training was adequate to understand the topic and interact with the instructor when needed.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
√				

7. **The group discussions adequately covered issues of concern relevant to my country.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
	√			

8. **The information I learned within the course was important and relevant to my current position.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
√				

Participant Comments (Optional) I'm really very happy that I've an opportunity to participate in this training course. Through this platform will be helpful me in my future work and I will miss everybody!

will miss everybody!

				applicable)	applicable)

CBEP Participant Feedback Form

PARTICIPANT:
Please take a moment to provide feedback on the training you have just received to help us to improve the quality of the training material and instruction of the course.
Circle how closely you agree or disagree with the statements. If you have specific comments, please provide them to the instructor or write them in the blocks below.
(Scale: 5 = Strongly Agree, 4 = Agree, 3 = Neutral, 2 = Disagree, 1 = Strongly Disagree).

1. **I am satisfied with the training event.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
5				

2. **The quality and content of the training materials and presentations met my expectations.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
	4			

3. **The instructor or teacher was aware/ familiar with the topic they discussed and its relevance to my country.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
	4			

4. **The ability, clarity and completeness of the instructor were adequate when responding to trainee questions.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
5				

5. **The facility and equipment used for training was appropriate and adequate for the number of students.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
5				

6. **The translation and interpretation during the training was adequate to understand the topic and interact with the instructor when needed.**

NA

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree

7. **The group discussions adequately covered issues of concern relevant to my country.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
5				

8. **The information I learned within the course was important and relevant to my current position.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
	4			

Participant Comments (Optional)
I was hoping that the training will focus more on the detection of viruses. So for the next training (if it happens) I would like →

more focus on the detection of mosquito borne viruses

Overall, the training met my expectation & it was an excellent opportunity for connection & networking

Finally, I would like to thank FOIA (b)(6) FOIA (b)(6) all the group for the excellent organization of this training & wonderful hospitality.

I really look forward for the next training & I highly appreciate the support of DTRA.

				applicable)	applicable)

CBEP Participant Feedback Form

PARTICIPANT:
Please take a moment to provide feedback on the training you have just received to help us to improve the quality of the training material and instruction of the course.
Circle how closely you agree or disagree with the statements. If you have specific comments, please provide them to the instructor or write them in the blocks below.
(Scale: 5 = Strongly Agree, 4 = Agree, 3 = Neutral, 2 = Disagree, 1 = Strongly Disagree).

1. **I am satisfied with the training event.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
5				

2. **The quality and content of the training materials and presentations met my expectations.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
5				

3. **The instructor or teacher was aware/ familiar with the topic they discussed and its relevance to my country.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
5				

4. **The ability, clarity and completeness of the instructor were adequate when responding to trainee questions.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
5				

5. **The facility and equipment used for training was appropriate and adequate for the number of students.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
5				

6. **The translation and interpretation during the training was adequate to understand the topic and interact with the instructor when needed.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
5				

7. **The group discussions adequately covered issues of concern relevant to my country.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
5				

8. **The information I learned within the course was important and relevant to my current position.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
5				

Participant Comments (Optional) course was organized really well. Thank you for this wonderful opportunity.

				applicable)	applicable)

[illegible]

[illegible]

CBEP Participant Feedback Form

PARTICIPANT:

Please take a moment to provide feedback on the training you have just received to help us to improve the quality of the training material and instruction of the course.
Circle how closely you agree or disagree with the statements. If you have specific comments, please provide them to the instructor or write them in the blocks below.
(Scale: 5 = Strongly Agree. 4 = Agree. 3 = Neutral. 2 = Disagree. 1 = Strongly Disagree).

1. **I am satisfied with the training event.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
✓				

2. **The quality and content of the training materials and presentations met my expectations.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
✓				

3. **The instructor or teacher was aware/ familiar with the topic they discussed and its relevance to my country.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
✓				

4. **The ability, clarity and completeness of the instructor were adequate when responding to trainee questions.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
✓				

5. **The facility and equipment used for training was appropriate and adequate for the number of students.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
✓				

6. **The translation and interpretation during the training was adequate to understand the topic and interact with the instructor when needed.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
✓				

7. **The group discussions adequately covered issues of concern relevant to my country.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
✓				

8. **The information I learned within the course was important and relevant to my current position.**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
✓				

Participant Comments (FOIA (b)(6)

Thank [illegible] and your group's help on the train. I learned a lot on bat [illegible].

handling and other lab technique.

I also interested in the serology of bat and multiplex [illegible] of bat pathogen. Hope next time can learn about it.

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Invoice and Narrative 09/01/16-09/30/16

Prepared for:

Prepared by:

METABIOTA

10/28/16

Invoice Summary

	Invoice September 1-30 2016
Remit To: Metabiota, Inc. 425 California St. 2nd Floor San Francisco CA 94104	**Bill To:** Defense Threat Reduction Agency 8725 John J. Kingman Rd. Ft. Belvoir VA 22060-6201

CLIN	CURRENT INVOICE	CUMULATIVE INVOICED
CLIN 1001	$ 111,635.33	$2,440,605.23
CLIN 1002	$ 361,635.70	$5,545,235.33
CLIN 1003	$ 71,893.86	$508,438.16
CLIN 1004	$ 2,632.95	$26,280.16
CLIN 1005	$ 34,232.20	$320,197.64
TOTAL	**$ 582,030.04**	**$8,840,756.52**

Active Projects

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing - Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 – 11/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) worked with (b)(6) on the drafting of the final report and lessons learned document for this project. (b)(6) also worked with (b)(6) on administrative activities including review and approval of subcontractor and independent consultant invoices, and communication with Metabiota Cameroon and DTRA on disposition of remaining training materials. (b)(6) also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports.

Trainer 1:
(b)(6) worked with (b)(6) on the drafting of the final report and lessons learned document for this project. (b)(6) also worked on administrative activities including review and approval of subcontractor and independent consultant invoices, and communication with Metabiota Cameroon and DTRA on disposition of remaining training materials. (b)(6) also drafted reporting instruments including quad charts, invoicing, and monthly reports.

AFRICOM FLN 1:
(b)(6) provided assistance to (b)(6) in identifying and organizing all required PPE for the August training. She provided administrative and technical support to (b)(6) throughout the training and reporting process.

Trainer 1:
(b)(6) participated in calls and email communications with the Metabiota training team (b)(6) (b)(6) traveled to Yaoundé, Cameroon to act in the role of SME trainer (b)(6) provided subject matter expertise throughout the lecture and hands-on PPE activities of the training event, as well as translation and interpretation support (b)(6) invoice was received in September for training that occurred in August.

Trainer 2:
(b)(6) participated in calls and email communications with the Metabiota training team, providing both equipment delivery coordination and pre-training communication and coordination with MinDef leadership (b)(6) provided subject matter expertise throughout the lecture and hands-on PPE activities of the training event, as well as translation and interpretation support (b)(6) additionally provided post-training equipment handover support (b)(6) invoice was received in September for the training which occurred in August.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No DBA costs are applied this period.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 009 NHLS BS&S Training - South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/2015 – 11/15/2016

CLIN 1002 – Labor

Program Manager:
(b)(6) held email and phone communications with the NHLS team to discuss current project status and any issues. (b)(6) also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports. (b)(6) held email and in-person communications with DTRA/A&AS to review the 4th edit of the BS&S videos and discuss current project status including the potential for procurement of calipers for facial measurements during respirator fit testing. (b)(6) also led communications with TSI, Inc. to resolve an issue regarding the model of one of the Porta Count units which was procured for use by NHLS.

Trainer 1:
(b)(6) participated in email and phone communications with the NHLS team to discuss current project status and any issues. (b)(6) participated in email and in-person communications with DTRA/A&AS to review the 4th edit of the BS&S videos and discuss current project status. (b)(6) (b)(6) also drafted reporting instruments including quad charts, invoicing, and monthly reports.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No ODC costs are invoiced this period.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota						
TD 009 NHLS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

TD 013 One Health Epidemiology Training - Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015 – 11/15/2016

CLIN 1002 – Labor

Program Manager:
Metabiota Regional Africa Program Manager (b)(6) led regular communications with in country performer, CDC-Uganda and DTRA CBEP Uganda. He provided project and programmatic oversight to the submission of all travel and training related CDRLs and contractual requirements associated with training implementation. Additionally, during this month (b)(6) managed the procurement of travel support for the Metabiota implementation team.

Research and Data Analyst:
Metabiota Project Coordinato (b)(6) continued to provide support to (b)(6) during all communications with CDC Uganda and DTRA CBEP Uganda representation. (b)(6) departed the organization this month and worked to ensure that all of her earlier responsibilities were handed over to (b)(6) in an effective manner.

Trainer 1:
Metabiota Program Manager and epidemiology subject matter expert (b)(6) MSPH provided technical training support during One Health Epidemiology (OHE) training implementation for Cohort 11 Module 2. He traveled from Washington, DC to Fort Portal Uganda for this effort (b)(6) served as an epidemiologist Trainer 1 during this time and took observational minutes of all training presentations. During this time (b)(6) served as the field team leader throughout the training event. (b)(6) reported all project activates back to Metabiota AEP leadership and maintained consistent communication with DTRA CBEP representation as necessary.

Subject Matter Expert 3:
Metabiota Senior Advisor (b)(6) attended bi-weekly stakeholder calls and attended pre travel meetings while contributing expert advice to lessons learned and the general technical training approach.

(b)(6) raveled to Uganda from Washington, DC to support the implementation of Cohort 11 module 2 training in Fort Portal, Uganda (b)(6) erved as both a presenter and a training mentor during this training event and evaluated both the materials and the presentation of information in an effort to ensure both accuracy and consistency. (b)(6) provided expert insight to both Metabiota staff and CDC Uganda representation during all pre training meetings, and during exercise breakout sessions.

AFRICOM FLN-1:

Metabiota Independent Contractor, Epidemiologist (b)(6) served as the lead trainer in support the implementation of Cohort 11 Module 2 training in Fort Portal, Uganda. He was tasked to provide both leadership and support to other OHE trainers and to provide lectures to all OHE training participants during the exercises and presentations. (b)(6) was tasked to travel from his home base in Kampala, Uganda to Fort Portal in support of the training event.

CLIN 1003 – Materials and Supplies

Material costs include communication expenses incurred by the trainers while executing the training in Uganda.

CLIN 1004 – ODCs

DBA was applied for the in country performers at a rate FOIA (b)(4) of total compensation.

CLIN 1005 – Travel

Travel costs incurred this period include flights, lodging, per diem and ground transportation for FOIA (b)(6) FOIA (b)(6) and (b)(6) o travel to Uganda and execute the final Cohort 11 Module 2 training.

Metabiota						
TD 013 One Health Epi						
CLIN 1002 Labor						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
Miller, Edward	Program Manager	$138.94	0.00	$-	333.50	$46,336.49

(b)(4); (b)(6)

KRISHNI ENTERPRISES LIMITED

Distributors of all Airtel Products
(Airtime, Phones, Simpacks, Internet Modems & Customer Care Services)

$18.

P.O. Box 221,
Fort Portal

Tel: 0753 666966
0742 666966

CASH SALE

No. 5449

Date: 17/08/2016

M/s (b)(6)

QTY	PARTICULARS	RATE	AMOUNT
	DATA 3GB		60.000/-
	$18.00 + 17.74 + 75.00 + 2.00 = 112.74		
E&O.E	*Thank you.*		

paid cash 60.000/-

Goods once sold a

KRISHNI ENTERPRISES LIMITED

Distributors of all Airtel Products
(Airtime, Phones, Simpacks, Internet Modems & Customer Care Services)

$17 Airtel

P.O. Box 221,
Fort Portal

Tel: 0753 666966
0712 666966

CASH SALE

No. 5459

Date: 03/08/16

M/S ..... (b)(6) .....

QTY	PARTICULARS	RATE	AMOUNT
	Internet Bundles		6000
	3GB		

$75.00

METABIOTA

Metabiota, Inc.

CASH

Name of Recipient (b)(6)

Purpose of expence Communication fees for OHE Training, Fort Portal 1-5 August 2016

Project Number

Amount (in digits and in words) $75 / seventy five US dollars

Date August 4, 2016

Signature of Recipient

(b)(6)

Handled by

(b)(6)

$18.00 + $17.76 + $75.00 + $2.00
= 112.76

$525.00

ALPHA & OMEGA TOURS AND TRAVEL LTD.

P O BOX 16038 Wandegeya
Tel +256 772 509798 / 0772 380148 /0772508322
Email alom@infocom co ug

No.

INVOICE

M/s (b)(6)

Date	22 SEP 16
Del. No.	

Qty	Particulars	Rate	Amount
	Payment for Transportation.		
	from 18 sep – 24 Sep		
	ie 7 Days using a Land Cruiser.	$75	$525
	$525		
	E. & O.E	TOTAL	$525

Accounts are due on demand

Name (b)(6) Signatur (b)(6)

$525.00 + 20.00 = 60.80 = 80.00

= $605.40

30$

A.M.I SERVICES LTD.

C/O TO AL ENTEBBE SERVICE STATION
OPERA OR FOR TOTAL UGANDA LIMITED
P.O. BOX 309, ENTEBBE. TEL: +256 414 320096

TIN. 1000134234

TOTAL

M/S	CASH SALE
Address: $60	No.
Vehicle No. UAL 860A	Date: 26.05.16

ITEM	QTY	RATE	AMOUNT
TOTAL SUPER		2900	100,000
TOTAL GAS OIL			
TOTAL OIL			
TOTAL GAZ			
GAZ ACCESSORIES			
FUEL EXEMPT OF VAT		TOTAL	100,000

$25.00 + $20.00 + 60.40 + 80.00
= 185.40

$60.40

CASH SALE

P.O. Box 221
Tel: 0772666966
FORT-PORTAL

No.

Date: 05/08/16

SHELL FORT - PORTAL

M/s. UAL 860A

Qty	Particulars	Amount
	Formula Petrol	
	Formula Diesel	202.000/=
	Kerosene	
	Oil	
	202.000	
E &OE	Thank You TOTAL	202.[illegible]

Goods once sold are not retur[illegible]

$525.00 + $30.00 + $60.40 + $80.00 =
$695.40

$80.00

METABIOTA

Metabiota, Inc.

CASH RECEIPT

Name of Recipient (b)(6)

Purpose of expence Reimbursement for transportation to/from OHE Training, Fort Portal, Uganda on July 31 and August 5 2016

Project Number

Amount (in digits and in words) $80 / eighty US dollars

Date August 4, 2016

Signature of Recipient

(b)(6)

Handled by

(b)(6)

$525.00 - $30.00 + $61.40 + $80.00
= $695.40

$1,981.46

DELTA

Date of Purchase: Jun 28, 2016

Flight Receipt for Washington-Dulles, DC to Entebbe, Uganda

PASSENGER INFORMATION

(b)(6)

SkyMiles Number: (b)(4); (b)(6)

Confirmation Number: GCXPLC
Ticket Number: 0067892165600

FLIGHT INFORMATION

Date and Flight	Status	Class	Seat/Cabin
IAD>AMS Fri 22Jul2016 KL 9385	FLWN	T	
AMS>EBB Sat 23Jul2016 KL 9318	FLWN	T	
EBB>AMS Sat 06Aug2016 KL 9318	FLWN	U	
AMS>IAD Sun 07Aug2016 KL 9384	FLWN	U	

DETAILED CHARGES

Air Transportation Charges	
Base Fare:	$1,274.00 USD
Carrier imposed International Surcharge (YR)	$561.00 USD
Taxes, Fees & Charges:	
United States - September 11th Security Fee(Passenger Civil Aviation Security Service Fee) (AY)	$5.60 USD
Netherlands - Security Service Charge (CJ)	$13.12 USD
Netherlands - Passenger Service Charge (RN)	$12.86 USD
Uganda - Security Charge (UG)	$10.00 USD
Uganda - Passenger Service Charge (UL)	$47.20 USD
United States - Transportation Tax (US)	$17.80 USD
United States - Transportation Tax (US)	$17.80 USD
Netherlands - Noise Isolation Charge (VV)	$1.12 USD
United States - Animal and Plant Health Inspection Service Fee (APHIS User Fee - Passengers (XA)	$3.96 USD
United States - Passenger Facility Charge (XF)	$4.50 USD
United States - Immigration and Naturalization e(Immigration User Fee) (XY)	$7.00 USD

1981.46 + 2485.60 = 4467.06

United States - Custom User Fee (YC) $5.50 USD

Total Price: **$1,981.46 USD**

Paid with Visa **********9033

KEY OF TERMS

- Arrival date different than departure date
** - Check-in required
***- Multiple meals
*S$ - Multiple seats
AR - Arrives
B - Breakfast
C - Bagels / Beverages
D - Dinner
F - Food available for purchase
L - Lunch
LV - Departs
M - Movie
R - Refreshments, complimentary
S Snack
T - Cold meal
V - Snacks for sale

Check your flight information online at delta.com or call the Delta Flightline at 800.325.1999.

Baggage and check-in requirements vary by airport and airline, so please check with the operating carrier on your ticket.

Please review Delta's check-in requirements and baggage guidelines for details.

You must be checked in and at the gate at least 15 minutes before your scheduled departure time for travel inside the United States.

You must be checked in and at the gate at least 45 minutes before your scheduled departure time for international travel.

For tips on flying safely with laptops, cell phones, and other battery-powered devices, please visit Flying safely government guild.

Do you have comments about service? Please email us to share them.

NON-REFUNDABLE / CHANGE FEE

When using certain vouchers to purchase tickets, remaining credits may not be refunded. Additional charges and/or credits may apply and are displayed in the sections below.

This ticket is non-refundable unless issued at a fully refundable fare. Any change to your itinerary may require payment of a change fee and increased fare. Failure to appear for any flight without notice to Delta will result in cancellation of your remaining reservation.

All Economy Comfort and Preferred seats are Nonrefundable.

Terms & Conditions
Air transportation on Delta and the Delta Connection® carriers is subject to Delta's conditions of carriage. They include terms governing for example:

1981 - 2465 - 1467

$ 2485 60

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY
OF THE TRAVELER.

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street Suite 203
Gaithersburg, MD 20878
Phone (301) 948-2448

METABIOTA@KENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	4ABCPY
Invoice No.:	81240	**Agent:**	(b)(6)
Issue Date:	Tuesday, September 13 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	EDWARD MILLER

• If you would like to view your reservation online with Check My Trip Click Here

• For Aircraft Disinsection Requirements Click Here

AIR - Friday September 16 2016

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL652)

Check In Confirmation: GRSAA4

Depart:	5.50 PM, Friday, September 16 Dulles Intl Arpt Washington, District of Columbia, USA	**Arrive:**	7.20 AM, Saturday, September 17 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Boeing 777-200/ 200ER	**Stops:**	Non-stop
Duration:	7 hours 30 minutes	**Seat:**	Assigned at Check In
Meal:	Dinner		
Spcl. Service:	Corporate Client Code Used By All GDSs		
Remarks:	Not eligible for web check in		

Weather Flight Status (up to 3 days prior)

AIR - Saturday September 17 2016

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: GRSAA4

Depart:	10:45 AM, Saturday, September 17 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	10 20 PM Saturday, September 17 Entebbe Intl Airport Entebbe, Uganda
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Kigali
Duration:	10 hours 35 minutes	**Seat:**	Assigned at Check In
Meal:	Lunch		
Spcl. Service:	Corporate Client Code Used By All GDSs		
Remarks:	Not eligible for web check in		

Weather Flight Status (up to 3 days prior)

9 81 46 : 2485 4467.

B2485

AIR - Saturday September 24 2016

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: GRSAA4

Depart:	11 35 PM Saturday September 24 Entebbe Intl Airport Entebbe Uganda	**Arrive:**	6 55 AM, Sunday, September 25 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	Q (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 20 minutes	**Seat:**	Assigned at Check In
Meal:	Breakfast		
Spcl. Service:	Corporate Client Code Used By All GDSs		
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)*

AIR - Sunday September 25 2016

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation: GRSAA4

Depart:	1 25 PM Sunday, September 25 Schiphol Airport Amsterdam Netherlands	**Arrive:**	3 55 PM, Sunday September 25 Dulles Intl Arpt Washington District of Columbia USA
Status:	Confirmed		
Booking Code:	Q (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	8 hours 30 minutes	**Seat:**	Assigned at Check In
Meal:	Lunch		
Spcl. Service:	Corporate Client Code Used By All GDSs		
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7900040358		1690 00	795.60	2485 60
	Form of Payment: VI XXXXXXXXXXXX9033			
Processing Fee / 890 0686602988		43 00		43 00
	Form of Payment: VI XXXXXXXXXXXX9033			
	Totals:	1733 00	795 60	USD 2528 60

Total Charged to Credit Card: USD 2528 60
Balance Due: USD 0 00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage allowance specific size and weight restrictions vary between airlines Please visit the link below to view the allowances and possible fees for your trip

- Baggage Fees/Allowances

Important Information

$ 218.50

METABIOTA

Metabiota, Inc.

CASH RECEIPT

Name of Recipient (b)(6)

Purpose of expence Per diem for meals / OHE Training, Fort Portal, Uganda, 31 July - 1 August 2016

Project Number

Amount (in digits and in words) 5218.50 / two hundred eighteen and 50/100 US dollars

Date August 4, 2016

Signature of Recipient

(b)(6)

Handled by

(b)(6)

B 218.50

$ 2385 bc

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY*******
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg MD 20878
Phone (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	33W3WE
Invoice No.:	81207~81208	**Agent:**	(b)(6)
Issue Date:	Tuesday, September 13 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

• If you would like to view your reservation online with Check My Trip Click Here

• For Aircraft Disinsection Requirements Click Here

AIR - Friday September 16 2016

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL652)

Check In Confirmation: H7KUZI

Depart:	5:50 PM, Friday, September 16 Dulles Intl Arpt. Washington, District of Columbia, USA	**Arrive:**	7 20 AM Saturday, September 17 Schiphol Airport Amsterdam Netherlands
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Boeing 777-200/ 200ER	**Stops:**	Non-stop
Duration:	7 hours 30 minutes	**Seat:**	Assigned at Check In
FF Number:	FOIA (b)(6)		
Meal:	Dinner		
Spcl. Service:	Corporate Client Code Used By All GDSs FOIA (b)(6)		
Remarks:	Seat assigned at check-in Not eligible for web check in		

Weather Flight Status (*up to 3 days prior)

AIR - Saturday September 17 2016

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: H7KUZI

Depart:	10 45 AM, Saturday, September 17 Schiphol Airport Amsterdam Netherlands	**Arrive:**	10 20 PM, Saturday September 17 Entebbe Intl Airport Entebbe, Uganda
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Kigali
Duration:	10 hours 35 minutes	**Seat:**	Assigned at Check In
FF Number:	FOIA (b)(6)		
Meal:	Lunch		
Spcl. Service:	Corporate Client Code Used By All GDSs FOIA (b)(6)		

Remarks:	Seat assigned at check-in Not eligible for web check in

Weather | Flight Status (up to 3 days prior)

HOTEL - Saturday September 17 2016

Laico Lake Victoria

Check In Confirmation: 164629538

Check In:	Saturday, September 17	**Check Out:**	Sunday, September 18
Address:	Plot 23-13 Circular Road Entebbe Entebbe		
Phone:	(256) 414351600	**Fax:**	(256) 312310404
Rate:	**USD165.00 p/night including taxes**		
Status:	Confirmed	**No. of Rooms:**	1
No. of Nights:	1		
Room Description:	Hrs-Rate standard room a standard room consists of a room with shower-Toilet or bathtub-toilet		
Cancel Policy:	Cancel on 16sep2016 by 22 59 lt to avoid 1 ni ght(s) charge		
Guaranteed for late arrival:	Yes	**Guest Name:**	FOIA (b)(6)

Weather | Driving Directions

HOTEL - Saturday September 17 2016

Laico Lake Victoria

Check In Confirmation: 164629557

Check In:	Saturday September 17	**Check Out:**	Sunday, September 18
Address:	Plot 23-13 Circular Road Entebbe Entebbe		
Phone:	(256) 414351600	**Fax:**	(256) 312310404
Rate:	**USD165.00 p/night including taxes**		
Status:	Confirmed	**No. of Rooms:**	1
No. of Nights:	1		
Room Description:	Hrs-Rate standard room a standard room consists of a room with shower-Toilet or bathtub-toilet		
Cancel Policy:	Cancel on 16sep2016 by 22 59 lt to avoid 1 ni ght(s) charge		
Guaranteed for late arrival:	Yes	**Guest Name:**	FOIA (b)(6)

Weather

AIR - Saturday September 24 2016

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: H7KUZI

Depart:	11 35 PM, Saturday, September 24 Entebbe Intl Airport Entebbe Uganda	**Arrive:**	6 55 AM Sunday September 25 Schiphol Airport Amsterdam Netherlands
Status:	Confirmed		
Booking Code:	K (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 20 minutes	**Seat:**	Assigned at Check In
FF Number:	AF1021849414-Gonzalez/Jean Paul Joseph		
Meal:	Breakfast		
Spcl. Service:	Corporate Client Code Used By All GDSs FOIA (b)(6)		
Remarks:	Seat assigned at check-in Not eligible for web check in		

Weather | Flight Status (up to 3 days prior)

AIR - Sunday September 25 2016

D 2385 LO

2385.60

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation: H7KUZI

Depart:	1 25 PM, Sunday September 25 Schiphol Airport Amsterdam Netherlands	**Arrive:**	3:55 PM, Sunday, September 25 Dulles Intl Arpt Washington, District of Columbia USA
Status:	Confirmed		
Booking Code:	K (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	8 hours 30 minutes	**Seat:**	Assigned at Check In
FF Number:	AF1021849414-Gonzalez/Jean Paul Joseph		
Meal:	Lunch		
Spcl. Service:	Corporate Client Code Used By All GDSs FOIA (b)(6)		
Remarks:	Seat assigned at check-in Not eligible for web check in		

Weather | Flight Status (Up to 3 days after) | Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7900040328 (b)(6)		1590 00	795.60	2385 60
	Form of Payment: VI (b)(4); (b)(6)			
Delta Air Lines / 006 7900040329 (b)(6)		1590 00	795.60	2385 60
	Form of Payment: VI (b)(4)			
Processing Fee / 890 0686594407 (b)(6)		43 00		43 00
	Form of Payment: VI (b)(4); (b)(6)			
Processing Fee / 890 0686594408 (b)(6)		43 00		43 00
	Form of Payment: VI (b)(4); (b)(6)			
	Totals:	3266 00	1591 20	USD 4857.20

Total Charged to Credit Card: USD 4857 20
Balance Due: USD 0 00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

2385.60

97.94

BLACKLANE

Blacklane GmbH Feurigstraße 59 | 10827 Be

(b)(6)

Germany

Customer no	477130
Booking no.	20160915-6709318
Booking date	2016-09-15
Invoice no.	US0176044KE
Invoice date	2016-09-17

Invoice

Position	Amount	Description	Price
1	1	Transfer Ride starting at 16/09/2016, 13:30 from Devilwood Drive 11715, 20854 Rockville, Maryland to Washington Dulles International Airport (IAD), Saarinen Circle 1, VA 20166 Washington, Sterling (Business Class)	97.94 USD
		Price total	97.94 USD

The amount will be charged to your credit card: (b)(4); (b)(6)

No VAT-duty in Germany.

Thank you very much for using our services We are looking forward to welcoming you again soon.

Best regards,
Your Blacklane team

4

8 2115.36

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AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER

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Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s): (b)(6)
Invoice No.: 81405
Issue Date: Sunday, September 18, 2016
Billing: METABIOTA INC
425 CALIFORNIA STREET
SUITE 200
CA 94104

Booking Ref.: 4FOMYW
Agent: (b)(6)
Customer: MBA

• If you would like to view your reservation online with Check My Trip. Click Here

Mountains of Moon, Fort portal Uganda
Check-in: 18 September
Check-out: 24 September
Guests
FOIA (b)(6)

$113 per night plus 4% credit card processing fee

Invoice Details

Transaction / Document	Base	Tax	Total
Mountains Of Moon / 890 0686633006	2115 36		2115 36
Form of Payment AX (b)(4); (b)(6)			
Totals:	2115 36	0.00	USD 2115 36

Total Charged to Credit Card: USD 2115 36
Balance Due: USD 0 00

Important Information

• View your itinerary at www.checkmytrip.Com use your last name and trip locator 4FOMYW

Invoice No: 81405
Federal law forbids the carriage of certain hazardous materials such as aerosols fireworks, and flammable liquids, aboard the aircraft If you do not understand these restrict ons contact your airline or go to http://www.faa.gov/about/initiatives/hazmat_safety/

access more

Sent To nas@uniglobekentlands.com metabiota@uniglobekentlands.com

2115.36

TD 016 Georgia GIS

Objectives
Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15 – 11/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) held email and phone communications with University of Florida (UF) subject matter expertise team to discuss project status and any ongoing issues. (b)(6) also participated in CBR project calls. (b)(6) also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports.

Subject Matter Expert 1:
(b)(6) participated in email and phone communications with the UF subject matter expertise team to discuss project status and any ongoing issues. (b)(6) also drafted reporting instruments including quad charts, invoicing, and monthly reports.

Subject Matter Expert 2:
(b)(6) participated in email and phone communications with (b)(6) to discuss project status and issues. (b)(6) also participated in email communications with the CBR project teams. (b)(6) provided oversight and guidance to (b)(6) on their work. He also worked with (b)(6) on framing a potential publication for the GG-27/AJ TAP-11 anthrax analysis project.

Research and Data Analyst:
Mr. (b)(6) Haase participated in email and phone communications to discuss project status and ongoing issues. (b)(6) continued work on developing geospatial analysis algorithms in R, and began packaging them for potential distribution. (b)(6) tested the algorithms using data from GG-19. He also scheduled and conducted GoToMeeting mentorship sessions for Georgian scientists working on the various CBR projects. (b)(6) participated in CBR project calls. (b)(6) worked with (b)(6) on framing a potential publication for the GG-27/AJ TAP-11 project.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No ODC costs are invoiced this period.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota

TD 016 Georgia GIS

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 017 Georgia SME Grantsmanship

Objectives

Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct/indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/15 – 11/15/16

CLIN 1002 – Labor

Program Manager:

(b)(6) held email and phone communications with Avila Scientific to discuss project status and any ongoing issues. (b)(6) along with (b)(6) reviewed subcontractor invoices and reports. (b)(6) (b)(6) also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports. (b)(6) also reviewed, revised, and filed travel documentation with DTRA for mentor travel in late October and early November.

Subject Matter Expert 1:

(b)(6) participated in email and phone communications with Avila Scientific to discuss project status and any ongoing issues. (b)(6) reviewed subcontractor invoices and reports. (b)(6) (b)(6) also drafted reporting instruments including quad charts, invoicing, and monthly reports.

Subject Matter Expert 2:

(b)(6) participated in email and phone communications with Avila Scientific to discuss project status and any ongoing issues. (b)(6) conducted in-country and remote (via Skype) grantsmanship mentoring with LMA scientists. In particular, she worked with them on identifying collaborators, developing full proposals, budgeting, and responding to reviewer comments. She also assisted them with understanding some of the mechanical processes of applying to grant opportunities.

Trainer 2:

(b)(6) assisted (b)(6) in conducting in-country and remote grantsmanship mentoring of LMA scientists. In particular, she worked with them on the coordination aspects of the grant application process, in identifying collaborators, and developing budgets.

CLIN 1003 – Materials and Supplies

No material costs are invoiced this period.

CLIN 1004 – ODCs

No ODC costs are invoiced this period.

CLIN 1005 – Travel

Travel costs were incurred by Avila Scientific for implementation of in country mentorship. Flights were invoiced in August. Remaining travel costs include lodging, per diem and ground transportation costs.

Metabiota						
TD 017 Georgia SME						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

TD 018 Georgia Visiting Scientist Genomics

Objectives

Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 08/15/16

CLIN 1002 – Labor

Program Manager:

(b)(6) held email and phone communications with (b)(6) to discuss project status and any ongoing issues (b)(6) along with (b)(6) reviewed subcontractor invoices and reports. (b)(6) also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports (b)(6) also communicated with A&AS to obtain clarifications on proposal submission process and status of pre-coordination for an effort on which (b)(6) mentoring the Georgian scientists.

Subject Matter Expert 1:

(b)(6) participated in email and phone communications with (b)(6) to discuss project status and any ongoing issues (b)(6) reviewed subcontractor invoices and reports (b)(6) (b)(6) also drafted reporting instruments including quad charts, invoicing, and monthly reports.

Visiting Scientist

(b)(6) participated in email and phone communications to discuss project status and ongoing issues (b)(6) continued genomics and bioinformatics mentorship activities. He worked with scientists at LMA and coordinated some discussions with NCDC on the development of an African swine fever (ASF) research project. He also provided oversight and mentorship on the comparative whole genome analysis of *Francisella tularensis* strains (b)(6) worked with (b)(6) to complete draft genome assemblies and the majority of the genome annotations of the anthrax vaccine strains and performed preliminary variant comparisons. He is working with (b)(6) to draft a manuscript for publication. (b)(6) also continued working with NCDC staff to gather information to perform quality assessments of the Lugar Center MiSeq run data.

CLIN 1003 – Materials and Supplies

No material costs are invoiced this period.

CLIN 1004 – ODCs

DBA costs are applied for FOIA (b)(4) total compensation.

CLIN 1005 – Travel

No travel costs are invoiced this period.

Metabiota						
TD 018 Georgia Genomics						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 019 Georgia Visiting Scientist Microbiology

Objectives
Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 11/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) held email and phone communications with (b)(6) to discuss project status and any ongoing issues (b)(6) also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports.

Subject matter 1:
(b)(6) participated in email and phone communications with (b)(6) to discuss project status and any ongoing issues (b)(6) also drafted reporting instruments including quad charts, invoicing, and monthly reports.

Visiting Scientist
(b)(6) participated in email and phone communications to discuss project status and ongoing issues (b)(6) continued mentorship activities. He assisted with the revision of the quarterly report for the Jordan collaboration and assisted in resolving procurement issues of the leptospirosis and anthrax kits. He also worked with scientists from LMA and the Azerbaijani anti-plague station to discuss and work on potential tularemia project design. (b)(6) also brokered and held discussions between Georgian and Azerbaijani scientists on the possibility of collaborating on a regional *Brucella* project (b)(6) (b)(6) further worked with the GG-19 PI and the Lugar Center statistician on enhancing the analysis of the media comparison. He familiarized himself with the mass spec system and began preparing recommendations to the NCDC leadership on how best to utilize the system (b)(6) also reviewed reports, SOPs, and other documents from NCDC scientists and assisted one Lugar Center scientist with an application for a training trip.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
DBA costs are applied for FOIA (b)(4) total compensation.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota						
TD 019 Georgia Microbiology						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 021 Field Epidemiology Training - Iraq

Objectives
Conduct remote trainings on epidemiology and BS&S/Biorisk management for one cohort of Iraqi scientists, and also engage them to familiarize them with the Iraq National Biological Emergency Response Plan and work on a gap analysis of said plan. Conduct remote trainings on epidemiology for a second cohort.

Period of Performance: 02/19/16 – 11/15/16

CLIN 1002 – Labor

Program Manager:
PMs (b)(6) have supported all project activities to date. PMs participated in routine meetings with DTRA CBEP and A&AS teams to facilitate updates and activities according to the project schedule, discuss challenges faced, and support routine implementation and tracking of project deliverables. The PMs have maintained visibility with DTRA CBEP on project status and have offered solutions to address project obstacles.

(b)(6) continued to work with all stakeholders to ensure successful execution of the remote training courses and completion of the NBERP gap analysis. (b)(6) continued to assist in the development, review, and revisions completed for BS&S, epidemiology, and HOT course materials submitted to CBEP for use in the training course. He worked with SME's (b)(6) to continue review and finalization of the NBERP gap analysis, following presentation of initial findings at the NBMC. He participated in routine project calls and meetings with trainers, Iraqi partners, and CBEP stakeholders on a weekly basis to facilitate program implementation and provide expertise and input where needed. In addition (b)(6) provided technical guidance and coordination of locally procured materials to ensure they met the standards required for the training and to adjust requirements when materials were not available to ensure successful execution of the HOT.

(b)(6) continued to manage administrative components of the project to include the schedule, LOE, budget, and delivery and submission of CDRLs. (b)(6) worked with the project coordinator and Watermark Risk Management International (WRMI) RDA to finalize copyright permissions for all materials. In addition, she supported both local and US procurement, coordinating with the team to ensure all materials were purchased and secured according to standard and market availability. She executed and completed contractual requirements, to include contract modifications to facilitate project efforts and realign costs accordingly to support implementation. She participated in routine project calls and meetings with trainers, Iraqi partners, and CBEP stakeholders on a weekly basis to facilitate program implementation and provide expertise and input where needed. In addition, she continued to work with the project team to coordinate the CLS logistics requirements (via CDRL submission), as well as the transfer, storage, and use of all materials being procured in country to support the HOT course, to include completion of the Transfer of Materials (TOM). (b)(6) participated in the epidemiology and BS&S trainings and provided administrative assistance, as needed to facilitate the training sessions, to include attendance tracking, uploading of resources, recorded videos, and troubleshooting.

Subject Matter Expert 1:
(b)(6) continued to provide assistance and expertise in completion of the gap analysis during this period. She traveled with the Metabiota and WRMI team of experts to New Mexico and took part in

presenting high-level findings of the NBERP gap analysis at the NBMC. In addition (b)(6) continued to finalize the gap analysis with (b)(6) for submission to CBEP in November. (b)(6) participated in routine communication with WRMI, PC and PMs.

The Project Coordinator (b)(6) worked in coordination with the PMs to facilitate and implement the project. She continued to provide assistance in maintaining the project schedule, preparation of CDRL requirements, communication with training teams, LOE, material review and procurement, and coordination of routine project conference calls with all stakeholders. She continued submission of training materials for technical review and public affairs approval, to include ensuring PAO approval was secured prior to training course kick-off. She continued to coordinate submission of CDRLs and supported completion of the CLS logistics form. (b)(6) assisted trainers with build out and maintenance of the training scheduled and participated in remote training sessions to provide administrative assistance, including attendance tracking, uploading of resources, recorded videos, and troubleshooting. In addition, (b)(6) ontinued to coordinate with the trainees to ensure attendance and any challenges faced were addressed and routed to the appropriate individuals. She worked with URC and Metabiota procurement personnel to secure materials for the HOT course, and coordinated directly with (b)(6) o secure CPHL as a venue and the recipient of materials. In addition (b)(6) (b)(6) drafted communications and provided routine guidance to ensure project implementation.

Epidemiology SMEs (b)(6) continued to participate in routine project calls and regular email communications with Metabiota PC and PMs. They worked with the epidemiology team to complete development and revisions of epidemiology training materials for submission to CBEP and use in the training course. They assisted in the development of the Cohort II and HOT schedule, to include trainer delivery of each course and module. In addition (b)(6) continued to facilitate internal meetings with the epi team for coordination of material development, as well as provide administrative support in maintaining the epidemiology content on the LMS site. Both SMEs delivered and supported lectures during the Cohort I and Cohort II epidemiology training courses. In addition, they continued to source and provide additional resource materials for the trainees.

University Research Co. (URC) SMEs (b)(6) and (b)(6) continued to provide operational project support. As the US based project coordinator (b)(6) ommunicates routinely with URC's Iraq based team to ensure FLNs are attending and providing routine technical/administrative support during the remote training sessions. In addition, she works directly with (b)(6) and the procurement team to ensure all materials are being sourced in country and procured to facilitate the HOT. She provides routine updates to Metabiota project team members and coordinates with URC leadership to ensure completion and delivery of CDRLs.

(b)(6) participated in routine project calls, meetings, and email communications with Metabiota, URC US-based team members, and in-country stakeholders to ensure operational project needs are being executed in-country. He worked with the procurement team to identify vendors and secure materials needed for the HOT course, finding alternatives when needed, and notifying Metabiota of availability and pricing changes due to the local market. He continued to coordinate with in-country stakeholders to assist in facilitating the transfer of materials and chain of custody for all locally procured items. He provided routine in-country updates and in-country information necessary to support completion of deliverables and project requirements.

WRMI SME (b)(6) participated in routine project calls and communications with Metabiota and WRMI personnel to support execution of the BS&S and HOT portions of the course. He continued

to refine course materials following CBEP guidance and delivered remote BS&S training courses according to schedule. In addition, he attended Zoom/LMS training sessions to ensure facilitation of the remote BS&S training course and to prepare for delivery of the HOT course at the end of the month. In addition, he provided administrative support to team members in completing deliverable requirements on the project.

(b)(6) was mistakenly represented as a SME 2 under activities completed in August's report. He is, however, invoiced correctly at a SME 1 level.

Subject Matter Expert 2:

WRMI SMEs (b)(6) participated in routine project calls with Metabiota personnel and developed information requirements and recommendations for project execution via email and phone communications. They completed revisions to HOT course materials and resubmitted them for approval. They also participated in training on Zoom and Moodle, and completed the build out of the BS&S training site on the LMS platform with assistance from (b)(6) They conducted BS&S remote trainings, and assisted in the development of the HOT syllabus and identified requirements necessary to successfully implement the HOT course (b)(6) provided technical support in procurement and began receiving locally procured materials for HOT delivery. In addition, they presented high-level findings of the gap analysis at the NBMC, and (b)(6) continues to assist Metabiota SMEs in completion of the final draft.

Epidemiology Trainer (b)(6) participated in routine project calls and regular email communications with Metabiota PC and PMs. She worked with the epidemiology team to complete development and revisions of the epidemiology training materials for course delivery. She conducted epidemiology training for Cohort I and II, and assisted in preparations for the HOT. She continued to source reference materials for the epidemiology course, uploading them to the LMS site. She continued to provide local guidance on training implementation and as a native Arabic speaker assisted in translations and structuring of materials and schedule to ensure cultural sensitivities are maintained and customs are accounted for in training delivery.

Research and Data Analyst:

WRMI RDA (b)(6) provided administrative support to the WRMI project team, to include completion of copyright permission requests for all BS&S and HOT materials (b)(6) completed administrative and formatting revisions for BS&S HOT materials. In addition, she completed the preparation and build out of the BS&S LMS site for training execution, and administers all remote training courses for the BS&S team, to include hosting sessions, taking attendance, material / video uploads, troubleshooting, and providing routine communications and updates to the Metabiota team on course progress.

WRMI RDA (b)(6) completed the monthly invoice requirement on the project.

Epidemiology Trainer (b)(6) continued to collect reference materials, develop and revise training materials for HOT submission and approval. She participated in routine project calls and communicated regularly with PC, PMs, and the epidemiology project team (b)(6) delivered and supported lectures during the ongoing Cohort I and II epidemiology training courses. In addition, she assisted in planning and preparation of the HOT schedule.

Iraqi Advisor (b)(6) participated in routine project calls with the PC, PMs, and URC team to support project implementation. He attended epidemiology and BS&S training sessions to observe participation and execution of the course. In addition, he spoke with participants to gather feedback and provide updates to the Metabiota project team. He met with MoH officials and secured the CPHL as the training venue and receiver of all materials, and communicated with URC team members in country to ensure chain of custody for materials and coordination in storage and transfer of items once procured. In addition, he worked with the Director General (DG) of Public Health at the MoH to ensure he had all information required for the HOT and to begin conversations securing participant attendance and release from normal duties during this event.

FLN Trainer (b)(6) continued to attend and support Cohort I and II epidemiology remote training courses. In addition, he attended and supported the BS&S remote training course. He was actively engaged in facilitating the online training to include participating in discussion sessions, assisting trainees with troubleshooting, encouraging participation, and responding to questions.

Foreign Local Nationals:

FLN (b)(6) continued to work with the URC team to complete in-country procurement activities, purchasing the necessary supplies for the HOT course. He worked with the operations manager to identify vendors, securing revised bids, and identifying alternate materials for procurement in the local market. He provided updates on materials available, not available, and pricing changes in order to finalize needs and issue purchase orders for local supplies. In addition, he provided routine administrative support to the team.

FLN trainers (b)(6) and (b)(6) continued to attend and support Cohort I and II epidemiology remote training courses. In addition, they attended and supported the BS&S remote training course. They were actively engaged in facilitating the online training to include participating in discussion sessions, assisting trainees with troubleshooting, encouraging participation, and responding to questions.

CLIN 1003 – Materials and Supplies

The Material costs include purchases of texts for the in country training.

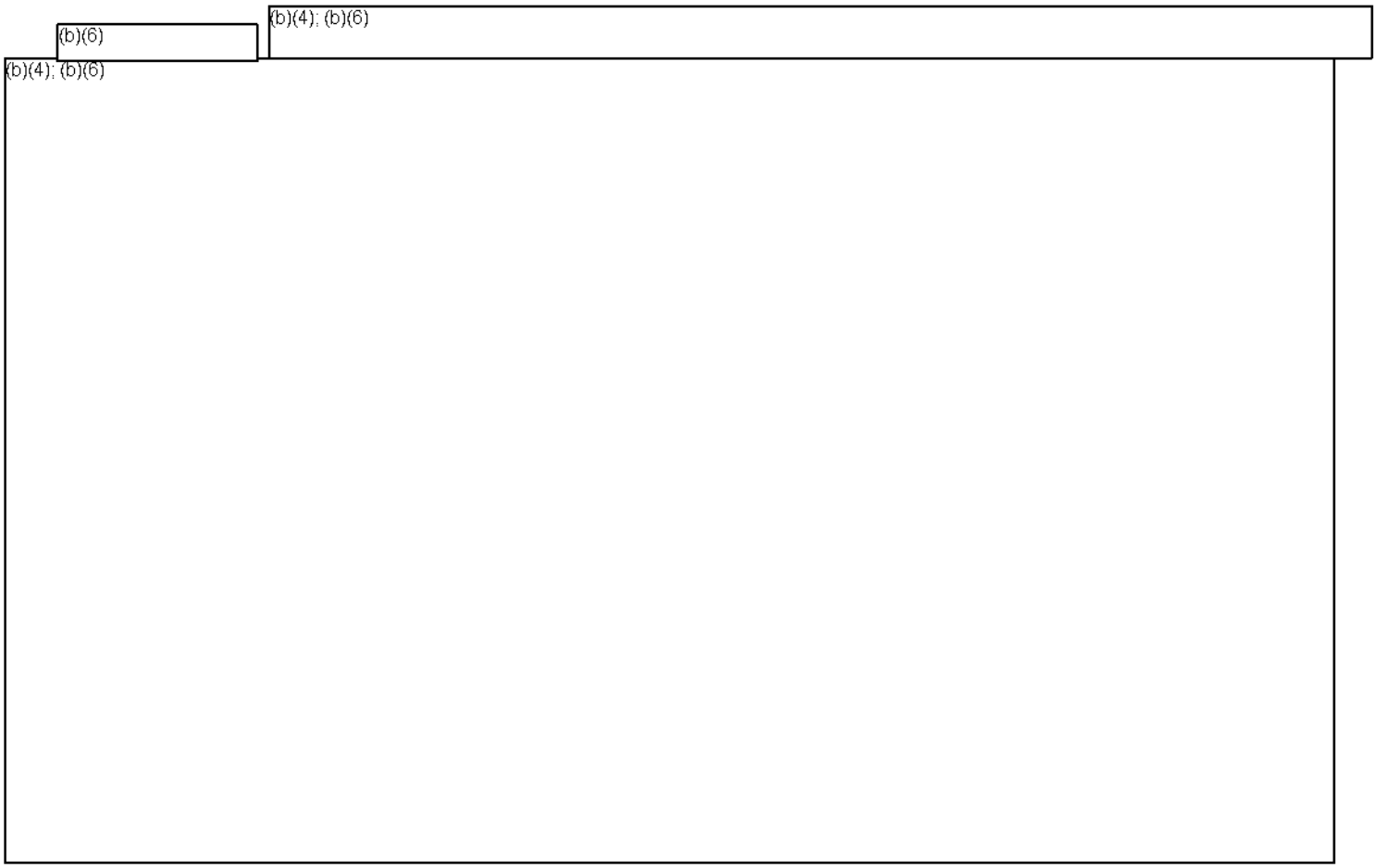
CLIN 1004 – ODCs

DBA is applied for FOIA (b)(4) of total compensation.

CLIN 1005 – Travel

Travel costs include flights, lodging, ground transport and per diem fo (b)(6) (b)(6) travel to Albuquerque to present high-level findings of the NBERP gap analysis at the NBMC

Metabiota						
TD 021 FETP Iraq						
CLIN 1002 LABOR-100205 ACRN AH						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						


(b)(4); (b)(6)
(b)(6)
(b)(4); (b)(6)

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Washington, DC 20036-2904

Date: 8/22/2016

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Research Advisor
Metabiota, Inc.

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If you have any questions, please contact us at asis@asisonline.org or by phone at +1.703.519.6200, Monday through Friday, 09:00-17:00 Eastern Time.

Sincerely,

= 117.50

Member Services
ASIS International

115.00 + 117.50 + 1980.00 + 16.99 + 12.20 + 72.61 + 25.11 + 475.00 + 390.00 + 70.00 - 3274.00

$ 1980.00

Subject: Confirmation of 261491
Date: Monday, September 12, 2016 at 11:56:09 AM Eastern Daylight Time
From: asis@asisonline.org
To: (b)(6)

ASIS INTERNATIONAL
Advancing Security Worldwide®
1625 Prince Street
Alexandria, VA 22314-2882
USA
+1 703 519 6200
Fax +1 703 519 6299
www.asisonline.org

Thank you for your recent purchase from ASIS International.

The following is a summary of your purchase and payment information:

Customer's Nam (b)(6)
Date: 9/12/2016

Payment Code: 261491
Transaction Date: 9/12/2016 11:56:08 AM

Total: $ 1,980.00

Detail:

payment details

Inv. Code	Customer	Product Name	Amount	payment type	Adjusted	Currency	Home Currency Amount
1338335	FOIA (b)(6)	S&G - ASIS Security Management Standard: Physical Asset Protection (Electronic)	$1,980.00	Payment	N	USD	$1,980.00

If you have any questions, please contact us at asis@asisonline.org or by phone at +1.703.519.6200, Monday through Friday, 09:00-17:00 Eastern Time.

Sincerely,

Member Services
ASIS International

115.00 + 117.50 + 1980.00 + 16.99 + 12.20 + 72.61 + 25.11 + 475.00
+ 390.00 + 70.00 = 3274.00

amazon.com

$16.99 and $72.61

Print this page for your records. Print this page for your records.

Order Placed: September 21, 2016
Amazon.com order number: 111-8670224-8068218
Order Total: $89.60

Shipped on September 24, 2016

Items Ordered	Price
1 of: *Food Coloring Liqua-Gel - 6 Color Rainbow Kit in .75 fl. oz. (20ml) Bottles* Sold by: River Colony Trading (seller profile) Condition: New All Good Cooking food coloring Gels are FDA approved and Kosher certified	$12.95
2 of: *Florida Coast 44-1428XL Superpolymer Premium Disposable Coveralls - One Size Fits All* Sold by: Amazon.com LLC Condition: New	$12.72
1 of: *Rollpak Biohazard LLDPE Waste Disposable Bag, Qty 10 bags, 60 Gallon Capacity, 38" W x 58" L, 1.20 mil, 30 micron, Red STX-3860RP* Sold by: Pie In The Sky (seller profile) Condition: New	$18.99
1 of: *3M Outdoor Masking Poly Tape 5903 Red, 48 mm x 54.8 m (Pack of 1)* Sold by: Amazon.com LLC Condition: New	$9.84

Shipping Address:
(b)(6)
FOIA (b)(6)

Shipping Speed:
No-Rush Shipping

Item(s) Subtotal:	$67.22
Shipping & Handling:	$0.00
Total before tax:	$67.22
Sales Tax:	$5.39
Total for This Shipment:	**$72.61**

Shipped on September 22, 2016

Items Ordered	Price
1 of: *Ironclad EXOT-PBLK-04-L Tactical Operator Pro Glove, Stealth Black, Large* Sold by: StellarSales123 (seller profile) Condition: New	$16.99

Shipping Address:
(b)(6)
FOIA (b)(6)

Item(s) Subtotal:	$16.99
Shipping & Handling:	$0.00
Total before tax:	$16.99
Sales Tax:	$0.00

115.00 + 117.50 + 1980.00 + 16.99 + 12.20 + 72.61 + 25.11 + 475.00

(b)(6)

Shipping Speed:
No-Rush Shipping

Total for This Shipment: $16.99

Payment information

Payment Method:
Visa | Last digits: 7777

Billing address
(b)(6)
425 California St
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$84.21
Shipping & Handling:	$0.00
Total before tax:	$84.21
Estimated tax to be collected:	$5.39
Grand Total:	**$89.60**

Credit Card transactions

Visa ending in 7777: September 22, 2016: $16.99
Visa ending in 7777: September 24, 2016: $72.61

To view the status of your order, return to Order Summary.

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$ 12.20

amazon.com

Final Details for Order #111-0155873-9782604

Print this page for your records.

Order Placed: September 21, 2016
Amazon.com order number: 111-0155873-9782604
Seller's order number: 312621
Order Total: $12.20

Shipped on September 23, 2016

Items Ordered — **Price**

1 of: *Rubbermaid Hand Held Scrub Brush RCP6482COB* — $11.30
Sold by: MyOfficeInnovations (seller profile)

Condition: New

Shipping Address:
(b)(6)
FOIA (b)(6)

Shipping Speed:
Standard Shipping

Item(s) Subtotal:	$11.30
Shipping & Handling:	$0.00
Total before tax:	$11.30
Sales Tax:	$0.90
Total for This Shipment:	**$12.20**

Payment information

Payment Method:
Visa | Last digits: 7777

Billing address
(b)(6)
425 California St
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$11.30
Shipping & Handling:	$0.00
Total before tax:	$11.30
Estimated tax to be collected:	$0.90
Grand Total:	**$12.20**

Credit Card transactions
Visa ending in 7777: September 23, 2016: $12.20

To view the status of your order, return to Order Summary.

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115.00 + 117.50 + 1980.00 + 16.99 + 12.20 + 72.61 + 25.11 + 475.00 + 390.00 + 70.00 = $3274.00

amazon.com

$25.11

Print this page for your records Print this page for your records

Order Placed: September 21, 2016
Amazon.com order number: 111-5598895-0220225
Order Total: $25.11

Shipped on September 22, 2016

Items Ordered — **Price**

1 of: *Brady® 30 Pound 100% Recycled Re-Form Industrial Granular Absorbent* $10.41
Sold by: Spray Foam Systems LLC (seller profile)

Condition: New

Shipping Address:
(b)(6)
FOIA (b)(6)

Item(s) Subtotal: $10.41
Shipping & Handling: $14.70

Total before tax: $25.11
Sales Tax: $0.00

Total for This Shipment: $25.11

Shipping Speed:
Standard Shipping

Payment information

Payment Method:
Visa | Last digits: 7777

Item(s) Subtotal: $10.41
Shipping & Handling: $14.70

Total before tax: $25.11
Estimated tax to be collected: $0.00

Grand Total: $25.11

Billing address
(b)(6)
425 California St
Suite 200
San Francisco, CA 94104
United States

Credit Card transactions — Visa ending in 7777: September 22, 2016: $25.11

To view the status of your order, return to Order Summary.

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$115.00 + 117.50 + 1980.00 + 16.99 + 12.20 + 72.61 + 25.11 + 475.00 + 390.00 + 70.00 = $3274.00

Oxford Publishing Limited

Company No 1748118

#475.00

(b)(6)

Metabiota Inc
420 California Street Suite 200
SAN FRANCISCO CA 94104
USA

Invoice Date: September 15 2016

References:

Invoice No:	**0040167049**
Sales Contract No:	**7047315**
Licensee	90551940
Customer Reference	
Customer Contact	(b)(6)
Customer VAT	

Global Academic Business
Rights Department
Great Clarendon Street
Oxford OX2 6DP
United Kingdom

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PRINCIPLE AND PRACTICE OF PUBLIC HEALTH SURVEILLANCE edited by Lee Teutsch, Thacker and Louis (2010) Chps.6 "Analyzing and Interpreting Public Health Surveillance Data" by Sullivan, McKenna Waller, Williamson and Lee. 8 "Evaluating Public Health Surveillance by Groseclose, German, and Nsubuga and 9 Ethics in Public Health Surveillance by Heilig and Sweeney pp 139 145 193 197 212 216 By permission of Oxford University Press, USA.	6026427	475.00
	Total Fee	475.00
	VAT	0.00
	Amount Due (USD:	**475.00**

115.00 + 17.50 + 1980.00 + 16.99 + 12.20 + 72.61 + 25.00

1475.00 + 390.00 + 70.00

= $3274.00

Oxford Publishing Limited

Company No 1748118

$ 390 00

(b)(6)

Metabiota Inc
420 California Street, Suite 200
SAN FRANCISCO CA 94104
USA

Global Academic Business
Rights Department
Great Clarendon Street
Oxford OX2 6DP
United Kingdom

+ 44 (0) 1865 556767 telephone
+ 44 (0) 1865 353429 fax
www.oup.co.uk/rights/academic_permissions/

Invoice Date: September 09 2016

References:

Invoice No:	**0040163044**
Sales Contract No:	**7047258**
Licensee	90551940
Customer Reference	(b)(6)
Customer Contact	
Customer VAT	

VAT Registration Number GB 663 2035 57

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7. A copy of your publication is sent to us at the address above upon request.

Please return the enclosed duplicate of this invoice with your payment.

OUP Material, Copyright Line and Acknowledgement	IP Number	Fee in USD
INTERNATIONAL HANDBOOK OF THREAT ASSESSMENT edited by Meloy and Hoffman (2013) Chp. 16 "Insider Threats in Bioterrorism Cases" by Schouten and Saathoff pp.246-259 By permission of Oxford University Press, USA.	[illegible]	[illegible]
	Total Fee	390.00
	VAT	0.00
	Amount Due (USD)	**390.00**

115 00 + 117 50 + 1980 00 + 16 99 + 12 20 + 72 61 + 25 11 + 475 00

+ 390 00 + 70 00 = $ 3274 00

$70.00

METABIOTA
REQUEST FOR PAYMENT OF SHORT TERM CONSULTANTS (STC) & INDEPENDENT CONSULTANTS (IC)

NAME: Selma Ali Ahmed ABR	Order No. 66		ICA No. 2016.18-IC

Services Rendered

Dates (mm/dd/yy)		Description of Work Performed	No./Days Claimed	Agreed Rate	Total Fee
From	To				
1 September	30 September	Admin work	14	50	700
1 September	30 September	Preparation of sessions	18	50	900
1 September	30 September	Delivery of training online	15	50	750
1 August	30 September	Hot spot			70
					2420

Total Payment

Payment Information

Metabiota makes all payments by electronic direct deposit to a payee's bank account. This is the most secure, cost effective and expedient method of payment. All payments will be deposited to the bank account you should have provided on appointment (contained in your vendor master record). Use the spaces provided below to advise the hiring unit's transaction processor of your bank account details and mailing address or any changes that may have occurred.

** bank account information – Any updates will be submitted to Accounts Payable to ensure prompt payment.

** mailing address – Your transaction processor will update the master record to ensure any correspondence by mail reaches you.

Electronic Deposit/Wire Transfer Information ✓ Check here if this updates previously provided information		
Bank Account No.	ABA No. (US Banks)	Routing Code
Bank Name		
Bank Address		

Mailing Address ☐ Check here if this updates previously provided information	
Street Address / P.O. Box No.	
City	State/ Province
Country	ZIP/ Post Code

I certify that I worked on the assignment with the Metabiota during the stated period(s) and that I have not received and will not claim reimbursement for this assignment from any other source.

Consultant's Signature	DATE
(b)(6)	2 October 2016

For Admin. Use Only

SERVICE ENTRY SHEET No. Document No.

v 3-2013

15.00 + 7.50 + 1980.00 + 16.57 + 12.20 + 72.61 + 25.11 + 475.00

390.00 + 70.00 = $3274.19

$70.00

Welcome To Etisalat
Cairo Festival City Shop

Performed on: Aug 18, 2016 12:36 PM
Cashier: (b)(6)
Sales assistant ID: 94284
Location: FCI15
CRG/Drawer: 06/94284
C.Day: Aug 18, 2016
Sales receipt: 10161

SALES RCPT

Article#	N A M E		
Quantity	Unit price	VAT	Amount
300100	Telepin Topup		
MSISDN:#1:1150225663			
PPC transaction #: 2397705646			
1.00 PCS	100.00	Tax 15%	100.00

Invoice total 100.00 LEs

VAT amount:
Tax 15% 13.04 Net 86.96 LEs

tendered
Egyptian Pound 100.00

170578

Thank you for visiting Etisalat!
MORE customer care line: 900
Etisalat customer care line: 333
Website: http://etisalat.com.eg
Follow us on: twitter.com/etisalatmisr
Like: facebook.com/etisalatmisr

Working Hours
Sat-Thur:10:00 am to 12:00 pm
Friday:10 AM to 12 AM
Prayer break from 12 PM to 1 PM

Welcome To Etisalat
Cairo Festival City Shop

Performed on: Aug 18, 2016 12:30 PM
Cashier: (b)(6)
Sales assistant ID: 94284
Location: FCI15
CRG/Drawer: 06/94284
C.Day: Aug 18, 2016
Sales receipt: 10160

SALES RCPT

Article#	N A M E		
Quantity	Unit price	VAT	Amount
2400130702	Huawei I-Modem IMD E5336Bs-2		
S/N: #1:868989020556218			
1.00 PCS	399.00	Tax 10%	399.00

Invoice total 399.00 LEs

VAT amount:
Tax 10% 36.27 Net 362.73 LEs

tendered
Egyptian Pound 399.00

170576

Thank you for visiting Etisalat!
MORE customer care line: 900
Etisalat customer care line: 333
Website: http://etisalat.com.eg
Follow us on: twitter.com/etisalatmisr
Like: facebook.com/etisalatmisr

Working Hours
Sat-Thur:10:00 am to 12:00 pm
Friday:10 AM to 12 AM
Prayer break from 12 PM to 1 PM

Welcome To Etisalat
Cairo Festival City Shop

Performed on: Aug 18, 2016 12:28 PM
Cashier: (b)(6)
Sales assistant ID: 94284
Location: FCI15
CRG/Drawer: 06/94284
C.Day: Aug 18, 2015
Sales receipt 10159

INVOICE

97JG E-E/ 97JG 9E1

Article#	N A M E	
Quantity----Unit price--VAT---------Amount		
500909	Bundle Sims Hybirds	
1100502179	SIM Preactivated Hybrid Zero_Retail_Golden	
S/N: #1:89200305161:62435192		
1.00 PCS	15.00 Tax 15%	15.00
MSISDN 1150225663		

Invoice total 15.00 LEs

VAT amount:

0% Tax	0.00 Net	0.00 LEs
Tax 15%	1.96 Net	13.04 LEs

tendered
Egyptian Pound 15.00

170574

Thank you for visiting Etisalat.
MORE customer care line: 500
Etisalat customer care line: 333
Website: http://etisalat.com.eg
Follow us on: twitter.com/etisalatmisr
Like: facebook.com/etisalatmisr

Working Hours
Sat-Thur:10:00 am to 12:00 pm
Friday:10 AM to 12 AM
Prayer break from 12 PM to 1 PM

470

Welcome To Etisalat
Cairo Festival City Shop

Performed on: Sep 22, 2016 12:18 PM
Cashier: (b)(6)
Sales assistant ID: 94202
Location: FCI15
CRG/Drawer: 05/94202
C.Day: Sep 22, 2016
Sales receipt: 34567

SALES RCPT

Article#	N A M E	
Quantity	Unit price -VAT--- --	Amount
300100	Telepin Topup	
MSISDN:#1:1150225663		
PPC transaction #: 2424756224		
1.00 PCS	110.00 EA$13%	110.00

Invoice total 110.00 LEs

VAT amount:

Table 8%	7.21 Net	90.13 Es
VAT 13% GSM	12.65 Net	90.13 LEs

tendered
Egyptian Pound 110.00

194638

Thank you for visiting Etisalat.
MORE customer care line: 500
Etisalat customer care line: 333
Website: http://etisalat.com.eg
Follow us on: twitter.com/etisalatmisr
Like: facebook.com/etisalatmisr

Working Hours
Sat-Thur:10:00 am to 12:00 pm
Friday:10 AM to 12 AM
Prayer break from 12 PM to 1 PM

$92.92 and $10



Comfort Inn Albuquerque Airport (NM170)
1801 Yale Boulevard Southeast
Albuquerque, NM 87106
(505) 242-0036
GM NM170@choicehotels.com

Account: 481077997
Date: 9/8/16
Room: 219 BAR
Arrival Date: 9/7/16
Departure Date: 9/8/16
Check In Time: 9/7/16 11 37 AM
Check Out Time:
Rewards Program ID
You were checked out by:
You were checked in by: jvesta
Total Balance Due: 0.00

[redacted] CHARICE
3015 8TH ST NW
Washington DC 20011

Post Date	Description	Comment	Amount
9/7/16	Miscellaneous	EARLY CHECK IN FEE	10.00
9/7/16	Visa Payment	XXXXXXXXXXXX4247	(102 92)
9/7/16	Room Charge	#219 CAMPBELL RACHEL CHARICE	82.00
9/7/16	City / County Tax		4.92
9/7/16	State Tax		6 00

= 92.92

Folio Summary 7/29/16 - 9/8/16

Room Charge	82.00
State Tax	6.00
City / County Tax	4 92
Miscellaneous	10.00
Visa Payment	(102.92)
Visa Payment	0.00
Balance Due	0.00

This rate is eligible for partner rewards. If this rate is changed you may no longer be entitled to partner rewards

We hope you enjoyed your stay
Please call us to make your next reservation

For your convenience, we have prepared this zero-balance folio indicating a 0 00 balance on your account. Please be advised that any charges not reflected on this folio will be charged to the credit card on file with the hotel While this folio reflects a 0.00 balance, your credit card may not be charged until after your departure You are ultimately responsible for paying all of your folio charges in full.

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Thank you for your stay. Visit ChoiceHotels.com/VerifiedReviews to post your comments about your recent experience (Click the 'Write a Review' button)

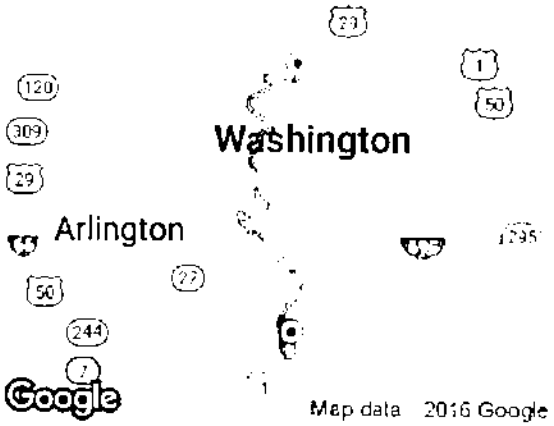
92.92 + 10.00 + 17.49 + 479.20
+ 8.00 + 18.00 + 24.96 + 51.75 + 38.25
= 740.57

$17.49

Subject: Your Wednesday evening trip with Uber
Date: Wednesday, September 7, 2016 at 4:19:35 AM Eastern Daylight Time
From: Uber Receipts
To: (b)(6)
Attachments: map_1753f98a-aeb7-4468-bda5-20966db56f3b

$17.49

FOIA (b)(6)



FARE BREAKDOWN

	1.15
	8.21
	2.65
Subtotal	**$12.01**
	1.35
	0.13
	4.00
(b)(4); (b)(6)	**$17.49**

04:02am

04:18am

uberX 8.05 00:15:37

92.92 + 10.00 + 17.49 + 479.20 + 8.00 + 18.00

+ 24.96 + 51.75 + 38.25

= 740.57

$479.20

and

Printable Version

E-TICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street Suite 203
Gaithersburg, MD 20878
Phone (301) 948-2448

Passenger(s):	(b)(6)	**Booking Ref.:**	3APWZF
Invoice No.:	80660	**Agent:**	Concur Online
Issue Date:	Friday, August 26, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	FOIA (b)(6)

• If you would like to view your reservation online with Check My Trip Click here

AIR - Wednesday, September 7, 2016

United Airlines Flight UA551 Economy Class

Check In Confirmation: HGQWLV *(24 Hours Prior)*

Depart:	5:45 AM, Wednesday, September 7 Ronald Reagan National Arpt. Terminal B Washington, District of Columbia, USA	**Arrive:**	7:57 AM, Wednesday, September 7 George Bush Intercntl Arpt Terminal C Houston, Texas, USA
Status:	Confirmed		
Booking Code:	S		
Equipment:	Boeing 737-700	**Stops:**	Non-stop
Duration:	3 hours 12 minutes	**Seat:**	26A (Non smoking) Confirmed
FF Number:	UAFDN95242	**Meal:**	Food For Purchase

• Weather • Flight Status (up to 3 days prior) • Driving Directions

AIR - Wednesday, September 7, 2016

United Airlines Flight UA1051 Economy Class

Check In Confirmation: HGQWLV *(24 Hours Prior)*

Depart:	9:34 AM, Wednesday, September 7 George Bush Intercntl Arpt Terminal C Houston, Texas, USA	**Arrive:**	10:50 AM, Wednesday, September 7 Albuquerque Intl Airport Albuquerque, New Mexico, USA
Status:	Confirmed		
Booking Code:	S (Economy)		
Equipment:	Boeing 737-700	**Stops:**	Non-stop
Duration:	2 hours 16 minutes	**Seat:**	30D (Non smoking) Confirmed
FF Number:	UAFDN95242	**Meal:**	Food and Beverages for Purchase

• Weather • Flight Status (up to 3 days prior)

AIR - Thursday, September 8, 2016

United Airlines Flight UA699 Economy Class

Check In Confirmation: HGQWLV *(24 Hours Prior)*

Depart:	11:40 AM, Thursday, September 8 Albuquerque Intl Airport Albuquerque, New Mexico, USA	**Arrive:**	2:44 PM, Thursday, September 8 George Bush Intercntl Arpt Terminal C

92.92 + 10.00 + 7.49 + 479.20 + 8.00 + 18.00 + 24.94
+ 51.75 + 38.25 = 740.57

479 20
and 18 00

Houston, Texas, USA

Status:	Confirmed		
Booking Code:	S		
Equipment:	Airbus Industrie A320	**Stops:**	Non-stop
Duration:	2 hours 4 minutes	**Seat:**	31A (Non smoking) Confirmed
FF Number:	UAFDN95242	**Meal:**	None

Weather | Flight Status (Due to 3 days away) | Dining Reservations

AIR - Thursday September 8 2016

United Airlines Flight UA45 Economy Class

Check In Confirmation: HGQWLV *(*24 Hours Prior)*

Depart:	3:55 PM, Thursday, September 8 George Bush Intercntl Arpt. Terminal C Houston, Texas, USA	**Arrive:**	8:01 PM, Thursday, September 8 Ronald Reagan National Arpt Terminal B Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	S		
Equipment:	Boeing 737-700	**Stops:**	Non-stop
Duration:	3 hours 6 minutes	**Seat:**	32A (Non smoking) Confirmed
FF Number:	UAFDN95242	**Meal:**	Food For Purchase

Weather | Flight Status (Due to 3 days away) | Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
United Airlines / 016 7897869176		403.72	75.48	479 20
	Form of Payment: VI XXXXXXXXXXXX4247			
Processing Fee / 890 0686489838		18.00		18 00
	Form of Payment: VI XXXXXXXXXXXX4247			
	Totals:	421.72	75.48	USD 497 20

Total Charged to Credit Card: USD 497 20

Balance Due: USD 0 00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines Please visit the link below to view the allowances and possible fees for your trip

- Baggage Fees/Allowances

Important Information

UNITED UNITED UNITED UNITED UNITED UNITED UNIT

Passenger Receipt FOIA (b)(6)

Depart	Arrive	Date	Flight #	Class of Service
Ronald Reagan National Arpt, DC	George Bush Intercontinental TX	09/07/2016 5 45 AM	UA551	S
George Bush Intercontinental TX	Albuquerque Intl Arpt NM	09/07/2016 9.34 AM	UA1051	S
Albuquerque Intl Arpt, NM	George Bush Intercontinental TX	09/08/2016 11 40 AM	UA699	S
George Bush Intercontinental TX	Ronald Reagan National Arpt, DC	09/08/2016 3:55 PM	UA45	S

FARE	USD 403.72
TAXES	USD 75.48
TICKET TOTAL	USD 479.20
PAID	USD 479.20

Ticket Number 0167897869176

Ticket Issued	08/26/2016
Days In Advance	11
Issued By	Uniglobe Travel Partners

Endorsement Restrictions
TRANSPORTATION SUBJECT TO TERMS OF CARRIAGE PRINTED INSIDE OF TICKET JACKET

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street Suite 203
Gaithersburg MD 20878
Phone (301) 948-2448

Passenger(s):	(b)(6)	**Booking Ref.:**	3ATMOG
Invoice No.:	80671	**Agent:**	(b)(6)
Issue Date:	Friday, August 26 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	(b)(6)

• If you would like to view your reservation online with Check My Trip Click Here

HOTEL - Wednesday, September 7, 2016

Comfort Inn Albuquerque Airport

Check In Confirmation: 43327743

Check In:	Wednesday, September 7	**Check Out:**	Thursday September 8
Address:	1801 Yale Blvd SE Yale Blvd and Ross Ave Albuquerque, NM 87106		
Phone:	+1 (505) 242-0036	**Fax:**	+1 (505) 242-0068
Rate:	USD82.00 p/night plus taxes and/or additional fees		
Status:	Confirmed	**No. of Rooms:**	1
No. of Nights:	1		
Room Description:	2 double beds nonsmoking/newer room/free hi-Spd wireless/pool view/air conditioning/microwave refrigerator/flat panel tv/coffeemaker, in-Room/Desk with ergonomic chair/pillow top mattress/desk and/or activity table/clock radio/am-Fm/Curved shower rod/free local calls/hair dryer		
Cancel Policy:	Cancel on 07sep2016 by 18 00 lt to avoid 1 night(s) charge		
Guaranteed for late arrival:	Yes		

Weather

Invoice Details

Transaction / Document	Base	Tax	Total
Processing Fee / 890 0686489847	8.00		8 00
Form of Payment VI	(b)(4); (b)(6)		
Totals:	8.00	0.00	USD 8 00

Total Charged to Credit Card: USD 8 00
Balance Due: USD 0 00

Important Information

• View your itinerary at www.checkmytrip.com use your last name and trip locator 3ATMOG

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service.

Invoice No: 80671

92.92 + 10.00 + 17.49 + 479.20 + 8.00 + 18.00 + 24.96
+ 51.75 + 28.25 = 740.57

24.96

Luxury Cab
Washington, DC
(202) 269-1100
Plate# H95343
PVIN B934

Trx: 3485600
VISA 4247
[illegible]
Start Time
09/08/16 20:02
End Time
9/8/16 20:21
Dist: 5.9 mi
Fare: $17.56
Extras: $3.25
Tip: $4.15
Total: $24.96
Vehicle: 0105
Driver: 484

92.12 + 10.00 + 17.49
+ 479.20 + 5.00 + 18.00
+ 24.96 + 51.75 +
38.25 = 740.57

[illegible]

$35.38

(b)(6)

#01 MR **RR 179134270**
RES H04633416F0
CC

INITIAL CHARGES

RENT RT $ 23.00 /DAY	@ 1 /DAYS		$	23.00
SUBTOTAL			T$	23.00

CHARGES ADDED DURING RENTAL

LDW	DECLINED
LIS	DECLINED
PAI, PEC	DECLINED
PREM RD SVC	DECLINED

* ADDITIONAL CHARGES

SERVICE CHARGES/TAXES

CONCESSION FEE RECOVERY	11.11%	T$	2.76
VEHICLE LICENSING COST RECOVERY	1.00%	T$	.23
NM SUR & CFC		$	4.52
ENERGY SURCHARGE		T$	1.49
TAX 12.313% ON TAXABLE TTL OF $	27.48	$	3.38
TOTAL AMOUNT DUE		$	35.38

CHARGED ON AMX XXXXXXXXXXX1485

VEHICLE: 02198 /6846230 16 ALTIMA N
LICENSE: CO HQB214
FUEL: FULL 8/8 OUT 8/8 IN
MILEAGE IN: 10665 TR-X MILES
MILEAGE OUT 10627 MILES ALLOWED
MILES DRIVEN: 38 MILES CHARGED
COP: 30099

RENTED ALBUQUERQUE INTL AIRPOR
RENTAL: 09/07/16 11:00
RETURN: 09/08/16 08:57
RETURNED: ALBUQUERQUE INTL AIRPORT
COMPLETED BY: 2988/NMABQ22

PLAN IN: RCHD1 RATE CLASS: C
PLAN OUT RCHD1

Save 10% on your next rental
by taking a brief survey
dollarrentalsurvey.com
or 1-800-323-7608
Enter access code **00534**

$35.38

35.38
+ 92.10
+ 479.20
+ 8.00
+ 8.00
+ 8.00
+ 16.00
+ 38.25
+ 51.75
+ 30.00
+ 30.00
+ 4.05
= 813.58

$92.92
and $10.00

Comfort Inn Albuquerque Airport (NM170)
1801 Yale Boulevard Southeast
Albuquerque, NM 87106
(505) 242-0036
GM.NM170@choicehotels.com

(b)(6)

FOIA (b)(6)

Account: 481077615
Date: 9/8/16
Room: 311 BAR
Arrival Date: 9/7/16
Departure Date: 9/8/16
Check In Time: 9/7/16 11:44 AM
Check Out Time:
Rewards Program ID:
You were checked out by:
You were checked in by: jvesta
Total Balance Due: 0.00

Post Date	Description	Comment	Amount
9/7/16	Miscellaneous	EARLY CHECK IN FEE	10.00
9/7/16	American Express	(b)(4); (b)(6)	(102.92)
9/7/16	Room Charge	FOIA (b)(6)	82.00
9/7/16	State Tax		6.00
9/7/16	City / County Tax		4.92

Folio Summary 7/29/16 - 9/8/16

Room Charge	82.00
State Tax	6.00
City / County Tax	4.92 = 92.92
American Express	(102.92)
Miscellaneous	10.00
American Express	0.00
Balance Due:	**0.00**

This rate is eligible for partner rewards If this rate is changed, you may no longer be entitled to partner rewards

We hope you enjoyed your stay.
Please call us to make your next reservation .

For your convenience, we have prepared this zero-balance folio indicating a 0.00 balance on your account. Please be advised that any charges not reflected on this folio will be charged to the credit card on file with the hotel. While this folio reflects a 0.00 balance, your credit card may not be charged until after your departure. You are ultimately responsible for paying all of your folio charges in full.

x_____

CHOICE privileges.

You could be earning free nights and other great rewards. Join Choice Privileges today, at www.choiceprivileges.com

Thank you for your stay. Visit ChoiceHotels.com/VerifiedReviews to post your comments about your recent experience (Click the 'Write a Review' button.

35.38 + 92.92 + 10.00 + 479.20 + 8.00 + 8.00 + 8.00 + 18.00 + 38.25
+51.75 + 30.00 + 30.00 + 4.08 = 813.38

$479.20
and
$18.00

Printable Version

ETICKET RECEIPT IS ATTACHED
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OF THE TRAVELER.

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg MD 20878
Phone (301) 948-2448

Passenger(s):	(b)(6)	**Booking Ref.:**	2956SU
Invoice No.:	80642	**Agent:**	Concur Online
Issue Date:	Friday, August 26, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

• If you would like to view your reservation online with Check My Trip Click Here

AIR - Wednesday September 7 2016

United Airlines Flight UA551 Economy Class

Check In Confirmation, HBHC7W *(*24 Hours Prior)*

Depart:	5:45 AM, Wednesday, September 7 Ronald Reagan National Arpt Terminal B Washington, District of Columbia, USA	**Arrive:**	7:57 AM, Wednesday, September 7 George Bush Intercntl Arpt. Terminal C Houston, Texas, USA
Status:	Confirmed		
Booking Code:	S		
Equipment:	Boeing 737-700	**Stops:**	Non-stop
Duration:	3 hours 12 minutes	**Seat:**	24A (Non smoking) Confirmed
FF Number:	UALF466670	**Meal:**	Food For Purchase

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

AIR - Wednesday September 7 2016

United Airlines Flight UA1051 Economy Class

Check In Confirmation, HBHC7W *(*24 Hours Prior)*

Depart:	9:34 AM, Wednesday, September 7 George Bush Intercntl Arpt. Terminal C Houston, Texas, USA	**Arrive:**	10:50 AM, Wednesday, September 7 Albuquerque Intl Airport Albuquerque, New Mexico, USA
Status:	Confirmed		
Booking Code	S (Economy)		
Equipment:	Boeing 737-700	**Stops:**	Non-stop
Duration:	2 hours 16 minutes	**Seat:**	30A (Non smoking) Confirmed
FF Number:	UALF466670	**Meal:**	Food and Beverages for Purchase

Weather | Flight Status *(up to 3 days prior)*

AIR - Thursday September 8 2016

United Airlines Flight UA699 Economy Class

Check In Confirmation, HBHC7W *(*24 Hours Prior)*

Depart:	11:40 AM, Thursday, September 8 Albuquerque Intl Airport Albuquerque, New Mexico, USA	**Arrive:**	2:44 PM, Thursday, September 8 George Bush Intercntl Arpt. Terminal C

35.38 + 92.92 + 10.00 + 479.20 + 8.00 + 8.00 + 8.00 + 18.00 + 38.25
+ 51.75 + 30.00 + 30.00 + 4.05 = 813.58

$479.20 and $18.00

Houston Texas USA

Status:	Confirmed		
Booking Code:	S - [illegible]		
Equipment:	Airbus Industrie A320	**Stops:**	Non-stop
Duration:	2 hours 4 minutes	**Seat:**	29A (Non smoking) Confirmed
FF Number:	UALF466670	**Meal:**	None

Weather | Flight Status (up to 3 days prior) | Dining Reservations

AIR - Thursday September 8 2016

United Airlines Flight UA45 Economy Class

Check In Confirmation: HBHC7W (*24 Hours Prior)

Depart:	3 55 PM Thursday, September 8 George Bush Intercntl Arpt. Terminal C Houston, Texas USA	**Arrive:**	8 01 PM Thursday, September 8 Ronald Reagan National Arpt Terminal B Washington District of Columbia USA
Status:	Confirmed		
Booking Code:	S - [illegible]		
Equipment:	Boeing 737-700	**Stops:**	Non-stop
Duration:	3 hours 6 minutes	**Seat:**	31F (Non smoking) Confirmed
FF Number:	UALF466670	**Meal:**	Food For Purchase

Weather | Flight Status (up to 3 days prior) | Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
United Airlines / 016 7897869159		403.72	75 48	479 20
	Form of Payment: AX XXXXXXXXXXXX1485			
Processing Fee / 890 0686489821		18 00		18 00
	Form of Payment: AX XXXXXXXXXXXX1485			
	Totals:	421.72	75 48	USD 497 20

Total Charged to Credit Card: USD 497 20

Balance Due: USD 0 00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

9 8.00

Printable Version

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Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street Suite 203
Gaithersburg MD 20878
Phone (301) 948-2448

Passenger(s):	(b)(6)	**Booking Ref.:**	3ATQI9
Invoice No.:	80673	**Agent:**	(b)(6)
Issue Date:	Friday, August 26, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

• If you would like to view your reservation online with Check My Trip Click Here

HOTEL - Wednesday, September 7, 2016

Comfort Inn Albuquerque Airport

Check In Confirmation: 43336141

Check In:	Wednesday, September 7	**Check Out:**	Thursday, September 8
Address:	1801 Yale Blvd SE Yale Blvd and Ross Ave Albuquerque, NM 87106		
Phone:	+1 (505) 242-0036	**Fax:**	+1 (505) 242 0068
Rate:	**USD82.00 p/night plus taxes and/or additional fees**		
Status:	Confirmed	**No. of Rooms:**	1
No. of Nights:	1		
Room Description:	2 double beds nonsmoking/newer room/free hi-Spd wireless/pool view/air conditioning/microwave refrigerator/flat panel tv/coffeemaker, in-Room/Desk with ergonomic chair/pillow top mattress/desk and/or activity table/clock radio/am-Fm/Curved shower rod/free local calls/hair dryer		
Cancel Policy:	Cancel on 07sep2016 by 18 00 lt to avoid 1 night(s) charge		
Guaranteed for late arrival:	Yes		

Weather

Invoice Details

Transaction / Document	Base	Tax	Total
Processing Fee / 890 0686489849	8 00		8 00
Form of Payment: AX (b)(4): (b)(6)			
Totals:	8 00	0 00	USD 8 00

Total Charged to Credit Card: USD 8 00
Balance Due: USD 0 00

Important Information

• View your itinerary at www.checkmytrip.com use your last name and trip locator 3ATQI9

• **Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-665-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service.**

35 38 + 92.92 + 10.00 + 479.20 + 8.00 + 8.00 + 8.00 + 18.00 + 38.20

5.75 + 30.00 + 30.00 + 4.08 - 813.58

Printable Version

ETICKET RECEIPT IS ATTACHED
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Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street Suite 203
Gaithersburg, MD 20878
Phone (301) 948-2448

Passenger(s):	(b)(6)	**Booking Ref.:**	3ATMJ9
Invoice No.:	80670	**Agent:**	(b)(6)
Issue Date:	Friday, August 26 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	FOIA (b)(6)

• If you would like to view your reservation online with Check My Trip Click here

HOTEL - Wednesday, September 7 2016

Comfort Inn Albuquerque Airport — **Check In Confirmation:** 43327436

Check In:	Wednesday, September 7	**Check Out:**	Thursday, September 8
Address:	1801 Yale Blvd SE Yale Blvd and Ross Ave Albuquerque, NM 87106		
Phone:	+1 (505) 242-0036	**Fax:**	+1 (505) 242 0068
Rate:	**USD82.00 p/night plus taxes and/or additional fees**		
Status:	Confirmed	**No. of Rooms:**	1
No. of Nights:	1		
Room Description:	2 double beds nonsmoking/newer room/free hi-Spd wireless/pool view/air condilioning/microwave refrigerator/flat panel tv/coffeemaker, in-Room/Desk with ergonomic chair/pillow top mattress/desk and/or activity table/clock radio/am-Fm/Curved shower rod/free local calls/hair dryer		
Cancel Policy:	Cancel on 07sep2016 by 18:00 lt to avoid 1 ni ght(s) charge		
Guaranteed for late arrival:	Yes		

Weather

Invoice Details

Transaction / Document	Base	Tax	Total
Processing Fee / 890 0686489846	8 00		8 00
Form of Payment: AX (b)(4); (b)(6)			
Totals:	8 00	0.00	USD 8 00

Total Charged to Credit Card: USD 8 00
Balance Due: ~~USD 0 00~~

Important Information

• View your itinerary at www.checkmytrip.com use your last name and trip locator 3ATMJ9

• Monday-Friday 9am-6pm eastern time call 1-800-552-5425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service.

Invoice No: 80670

35 38 + 92.92 + 10.00 + 477.20 + 8.00 + 16.00 + 8.00 + 8.00 + 38.25 + 51.75 + 30.00 + 30.00 + 4.00 = 813.58

$8.00

Printable Version

ETICKET RECEIPT IS ATTACHED
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UNIGLOBE

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone (301) 948-2448

Passenger(s):	(b)(6)	**Booking Ref.:**	3ATQFW
Invoice No.:	80672	**Agent:**	(b)(6)
Issue Date:	Friday, August 26, 2016	**Customer:**	MBA
Billing	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

• If you would like to view your reservation online with Check My Trip Click Here

HOTEL - Wednesday September 7 2016

Comfort Inn Albuquerque Airport

Check In Confirmation: 43335919

Check In:	Wednesday, September 7	**Check Out:**	Thursday September 8
Address:	1801 Yale Blvd SE Yale Blvd and Ross Ave Albuquerque, NM 87106		
Phone:	+1 (505) 242-0036	**Fax:**	+1 (505) 242 0068
Rate:	**USD82.00 p/night plus taxes and/or additional fees**		
Status:	Confirmed	**No. of Rooms:**	1
No. of Nights:	1		
Room Description:	2 double beds nonsmoking/newer room/free hi-Spd wireless/pool view/air conditioning/microwave refrigerator/flat panel tv/coffeemaker, in-Room/Desk with ergonomic chair/pillow top mattress/desk and/or activity table/clock radio/am-Fm/Curved shower rod/free local calls/hair dryer		
Cancel Policy:	Cancel on 07sep2016 by 18 00 lt to avoid 1 ni ght(s) charge		
Guaranteed for late arrival:	Yes		

Weather

Invoice Details

Transaction / Document	Base	Tax	Total
Processing Fee / 890 0686489848	8 00		8 00
Form of Payment: AX (b)(4); (b)(6)			
Totals:	8 00	0 00	USD 8 00

Total Charged to Credit Card:	USD 8.00
Balance Due:	USD 0 00

Important Information

• View your itinerary at www.checkmytrip.Com use your last name and trip locator 3ATQFW

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100, Note: it is not possible to make new reservations with the after hours service.

Invoice No: 80672

15 38 92 82 + 0 00 + 479.20 + 8 00 + 8 00 + 8 00 18.00 + 38.25

+ 51 75 + 30 00 + 30 0 + 4 08 = 813 58

30 00

DATE 9/7/2016 AMOUNT $ 30

RECEIVED FROM

FROM

DESTINATION

CAB # 287 DRIVER I.D. #

DRIVERS NAME

35 38 + 92 52 + 10 00 + 479 20 + 8 00 + 8 00 + 8. 00 = 18 00 + 38 25

+ 51. 75 + 30 00 + 30 00 + 4.08 = 813. 38

TAXICAB RECEIPT

Time: _____

Date: 9-8-16

Origin of trip: [illegible]

Destination: DC

Fare: $30.00 Sign: [illegible]

35.58 + 92.92 + 10.00 + 479.20 + 8.00 + 8.00 + 8.00 + 18.00 38.25

+ 51.75 + 30.00 + 30.00 + 4.08 = 813.58

$1386.65

Watermark Risk Management International, LLC
4023 Maple Ave, Suite 100
Fairfax, VA 22032-1121
Tel (703) 621-0045
Brad.Moffett@wrmi-llc.com
EIN: 59-2631108

WATERMARK

CONTRACT POP: 01 Feb 2016 – 15 Nov 2016
CONTRACT NAME: Biorisk Management Support for Metabiota AEP
CONTRACT #: 2016-01-DTRA
BILL TO:
Accounts Payable
Metabiota, Inc.
1 Sutter Street, Suite 600
San Francisco, CA 94104
FUNDED TOTAL: $222,972.74

INVOICE POP: Sep 1-30
INVOICE #: 2190
REMIT PAYMENT TO:
Watermark Risk Management International, LLC
4023 Maple Ave, Suite 100
Fairfax, VA 22032-1121

DESCRIPTION		CURRENT BILLING		CUMULATIVE BILLED	
Labor Category	Rate	Hours	Invoice	Hours	Amount
FOIA (b)(6)	$151.35	64	$9,686.40	0	$0.00
	$121.09	27	$3,269.43		
	$151.35	112 (Aug & Sep)	$16,951.20		
	$151.35	0	$0.00		
	$57.66	169	$9,744.54		
Total Labor			**$39,651.57**	**0**	**$0.00**
Other Costs					
Material			$0.00		$0.00
Other Direct Costs			$0.00		$0.00
Travel			$1,386.69		
G&A		FOIA (b)(4)	$145.60		$0.00
Total Non-Labor Invoiced			**$1,532.29**		$0.00
		TOTAL Invoice (Labor & Other Costs)	**$41,183.86**		**$0.00**
		TOTAL AMOUNT DUE	**$41,183.86**		

I HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE AND BELIEVE, THAT THE AMOUNT BEING INVOICED REPRESENTS ONLY THOSE AMOUNTS PROPERLY PAYABLE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE CONTRACT/SUBCONTRACT *AND THE OFFICIAL FINANCIAL RECORDS.*

NAME: (b)(6)

SIGNED BY

DATE: 09/30/2016

Prime Contractor PM:

APPROVED : _____

Payments should be remitted to: Bank Name: M&T, Bank Address: 10697 Braddock Rd, Fairfax, VA 22032, Account Holder: Watermark Risk Management International, LLC, Account No: 9853338151 ABA Routing No: 052000113.

648.62 + 738.07 = 1386.69

WATERMARK RISK MANAGEMENT INTERNATIONAL, LLC - EXPENSE REPORT - No. 1206

(b)(6)

(100052) Iraq NBEP Presentation ABQ

ITINERARY

ALEXANDRIA (CITY) VIRGINIA 9/7/2016 07 45 AM	ALEXANDRIA (CITY) VIRGINIA	ALBUQUERQUE NEW MEXICO 9/7/2016 11 40 AM	ALBUQUERQUE NEW MEXICO
ALBUQUERQUE NEW MEX CO 9/8/2016 12 40 PM	ALBUQUERQUE, NEW MEXICO	ALEXANDRIA (CITY) VIRGINIA 9/8/2016 10 10 PM	ALEXANDRIA (CITY) VIRGINIA

EXPENSES

Comfort Inn Employee Paid Electronic-receipt	**9/7/2016**			
Metabiota Support to AEP Lodg ng Per Diem	9/7/2016	82 00	10 92	92 92
5600110 00077 001 00 110 Direct travel Metabiota Support to AEP				
			Total	**92.92**
United Airlines Company Credit Card Carla paid in advance. Electronic-receipt	**9/14/2016**			
Metabiota Support to AEP Airfare	9/14/2016	403 72	75 48	479 20
5600110 00077 001 00 110 Direct travel Metabiota Support to AEP				
			Total	**479 20**
M&IE Per Diem Employee Paid No Receipt	**9/8/2016**			
Metabiota Support to AEP M&IE Per Diem	9/7/2016	38 25	0 00	38 25
5600110.00077 001 00 110 Direct travel Metabiota Support to AEP				
Metabiota Support to AEP M& E Per D em	9/8/2016	38 25	0 00	38 25
5600110.00077 001 00 110 Direct travel Metabiota Support to AEP				
			Total	**76.50**

LESS ADVANCE: **(0.00)**
LESS COMPANY PAID: **(479.20)**

SUBMITTED BY: (b)(6) 9/30/2016
APPROVED BY: 9/30/2016
ADMIN APPROVED BY: (b)(6) (b)(6)

92.92
+ 479.20
+ 76.50
$ 648.62

Company - Watermark Risk Management International, LLC

Employee No. - 100052

Employee Name - FOIA (b)(6)

Expense Report No. - 1206

Expense Report Name - Iraq NBEP Presentation ABQ

Comfort Inn Albuquerque Airport (NM170)
1801 Yale Boulevard Southeast
Albuquerque, NM 87106
(505) 242-0036
GM.NM170@choicehotels.com

(b)(6)
123 E LINDEN ST
Alexandria, VA 22301

Account: 481087627
Date: 9/8/16
Room: 307 BAR
Arrival Date: 9/7/16
Departure Date. 9/8/16
Check In Time. 9/7/16 2.35 PM
Check Out Time.
Rewards Program ID.
You were checked out by:
You were checked in by: (b)(6)
Total Balance Due: 0.00

Post Date	Description	Comment	Amount
9/7/16	Room Charge	FOIA (b)(6)	82.00
9/7/16	State Tax		6 00
9/7/16	City / County Tax		4.92
9/8/16	Visa Payment		(92.92)
		XXXXXXXXXXXX9288	

Folio Summary 7/29/16 - 9/8/16

Room Charge	82.00
State Tax	6.00
City / County Tax	4.92
Visa Payment	(92.92)
Visa Payment	0.00
Balance Due:	0.00

This rate is eligible for partner rewards. If this rate is changed, you may no longer be entitled to partner rewards.

We hope you enjoyed your stay.
Please call us to make your next reservation .

For your convenience, we have prepared this zero-balance folio indicating a 0.00 balance on your account. Please be advised that any charges not reflected on this folio will be charged to the credit card on file with the hotel. While this folio reflects a 0.00 balance, your credit card may not be charged until after your departure. You are ultimately responsible for paying all of your folio charges in full.

x_____

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Thank you for your stay. Visit ChoiceHotels.com/VerifiedReviews to post your comments about your recent experience (Click the 'Write a Review' button)

Receipt for confirmation HB3YTT

UNITED | A STAR ALLIANCE MEMBER

Confirmation:
HB3YTT

Issue Date: August 26, 2016

Traveler	eTicket Number	Frequent Flyer	Seats
(b)(6)	0162315689189	UA-XXXXX966	27D/---/26E/18C

FLIGHT INFORMATION

Day, Date	Flight	Class	Departure City and Time	Arrival City and Time	Aircraft	Meal
Wed, 07SEP16	UA531	S	WASHINGTON, DC (DCA - NATIONAL) **7:45 AM**	CHICAGO, IL (ORD - O'HARE) **8:48 AM**		
Wed, 07SEP16	UA1559	S	CHICAGO, IL (ORD - O'HARE) **9:35 AM**	ALBUQUERQUE, NM (ABQ) **11:40 AM**		
Thu, 08SEP16	UA541	S	ALBUQUERQUE, NM (ABQ) **12:40 PM**	CHICAGO, IL (ORD - O'HARE) **4:32 PM**	737-800	Purchase
Thu, 08SEP16	UA3543	S	CHICAGO, IL (ORD - O'HARE) **7:15 PM**	WASHINGTON, DC (DCA - NATIONAL) **10:09 PM**	ERJ 175	Purchase

Flight operated by REPUBLIC AIRLINES doing business as UNITED EXPRESS.

FARE INFORMATION

Fare Breakdown	
Airfare:	403.72USD
U.S. Transportation Tax:	30.28
U.S. Flight Segment Tax:	16.00
September 11th Security Fee:	11.20
U.S. Passenger Facility Charge:	18.00
Per Person Total:	479.20USD
eTicket Total:	**479.20USD**

Form of Payment:
MASTERCARD
Last Four Digits 1204

The airfare you paid on this itinerary totals: 403.72 USD

The taxes, fees, and surcharges paid total: 75.48 USD

Fare Rules:

Additional charges may apply for changes in addition to any fare rule listed.

NONREF/0VALUAFTDPT/CHGFEE
Cancel reservations before the scheduled departure time or TICKET HAS NO VALU

Baggage allowance and charges for this itinerary.

Baggage fees are per traveler

Origin and destination for checked baggage	1st bag	2nd bag	Max wt / dim per piece
9/7/2016 Washington, DC (DCA National) to Albuquerque, NM (ABQ)	25.00 USD	35.00 USD	50.0lbs (23.0kg) - 62.0in (157.0cm)
9/8/2016 Albuquerque, NM (ABQ) to Washington, DC (DCA Nationa)	25.00 USD	35.00 USD	50.0lbs (23.0kg) - 62.0in (157.0cm)

MileagePlus Accrual Details

(b)(6)

Date	Flight	From/To	Award Miles	PQM	PQS	PQD
9/8/2016	541	Albuquerque, NM (ABQ)-Chicago, IL (ORD O'Hare)	655	1117	1	131
9/8/2016	3543	Chicago, IL (ORD - O'Hare)-Washington, DC (DCA - Nat ona)	360	612	1	72

Watermark Risk Management International, LLC.
4023 Maple Avenue, Fairfax, VA 22032 1121
A Service Disabled, Veteran-Owned Small Business

Expense Report - No. 01 NBEP Gap Assessment Presentation

Consultant: (9)(q)

Expense - Charge Code	Date	Pre Tax	Tax	Amount
Lodging				
Comfort Inn, Albuquerque	9/7-9/8/2016	$92.00	$10.92	$102.92
				$0.00
				$0.00
				$0.00
Total Lodging				**$102.92**
Per Diem				
75% of $51 - 38.25	9/7/2016	$38.25		$38.25
75% of $51 - 38.25	9/8/2016	$38.25		$38.25
				$0.00
				$0.00
				$0.00
Total Per Diem				**$76.50**
Mileage				
Spouse drop off / pickup to / from airport - Car home to SAN return, 62.4 x 2 = 124.8 miles x 0.54 cents / mile	9/7-9/8/2016	$67.39		**$67.39**
Airfare				
SAN/LAS/ABQ - ABQ/PHX/SAN 9/7-9/8/2016	8/26/2016			**$491.26**

Total	$738.07
Less Advance	
Less Company Paid	
Due to Employee	**$738.07**

648.62 + 738.07 = 1386.69

102.92 + 76.50 + 67.39 + 491.26 = 738 07

Comfort Inn Albuquerque Airport (NM170)
1801 Yale Boulevard Southeast
Albuquerque, NM 87106
(505) 242-0036
GM.NM170@choicehotels.com

(b)(6)
FOIA (b)(6)

Account: 481087803
Date: 9/8/16
Room: 211 BAR
Arrival Date: 9/7/16
Departure Date: 9/8/16
Check In Time: 9/7/16 11:40 AM
Check Out Time:
Rewards Program ID.
You were checked out by:
You were checked in by: (b)(6)
Total Balance Due: 0.00

Post Date	Description	Comment	Amount
9/7/16	Miscellaneous	EARLY CHECK IN FEE	10.00
9/7/16	Visa Payment	XXXXXXXXXXXX7863	(102.92)
9/7/16	Room Charge	FOIA (b)(6)	82.00
9/7/16	City / County Tax		4.92
9/7/16	State Tax		6.00

Folio Summary 7/29/16 - 9/8/16

Room Charge	82.00
State Tax	6.00
City / County Tax	4.92
Miscellaneous	10.00
Visa Payment	(102.92
Visa Payment	0.00
Balance Due	**0.00**

This rate is eligible for partner rewards. If this rate is changed you may no longer be entitled to partner rewards.

We hope you enjoyed your stay.
Please call us to make your next reservation .

For your convenience, we have prepared this zero-balance folio indicating a 0.00 balance on your account. Please be advised that any charges not reflected on this folio will be charged to the credit card on file with the hotel. While this folio reflects a 0.00 balance, your credit card may not be charged until after your departure. You are ultimately responsible for paying all of your folio charges in full

x_____

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CHASE

4147202075861631000025000004919600000000 7

P.O BOX 15123
WILMINGTON, DE
19850-5123

AUTOPAY IS ON
See Your Account Messages below for details

Payment Due Date:	**10/01/16**
New Balance:	**$491.96**
Minimum Payment:	**$25.00**

Account number: 4147 2020 7586 1631

FOIA (b)(6)

Amount Enclosed

AUTOPAY IS ON

-2 92+76 50+67.39
+491.24
738 07

CARDMEMBER SERVICE
PO BOX 94014
PALATINE IL 60094-4014

500016028 35920758616312

Southwest Rapid Rewards

Manage your account online: www.chase.com/southwest

Customer Service: 1-800-792-0001

Mobile: Visit chase.com on your mobile browser

ACCOUNT SUMMARY

FOIA (b)(6)

Previous Balance	$0.00
Payment, Credits	$0.00
Purchases	+$491.96
Cash Advances	$0.00
Balance Transfers	$0.00
Fees Charged	$0.00
Interest Charged	$0.00
New Balance	$491.96
Opening/Closing Date	08/05/16 - 09/04/16
Credit Access Line	$24,500
Available Credit	$24,008
Cash Access Line	$4,900
Available for Cash	$4,900
Past Due Amount	$0.00
Bala ov the Credit Access Line	$0.00

PAYMENT INFORMATION

New Balance	$491.96
Payment Due Date	10/01/16
Minimum Payment Due	$25.00

Late Payment Warning: If we do not receive your minimum payment by the date listed above you may have to pay a late fee of up to $35.00

Minimum Payment Warning: If you make only the minimum payment each period you will pay more in interest and it will take you longer to pay off your balance. For example

If you make no additional charges using this card and each month you pay	You will pay off the balance shown on this statement in about	And you will end up paying an estimated total of
Only the minimum payment	23 months	$565

If you would like information about credit counseling services call 1-866-797-2885

YOUR ACCOUNT MESSAGES

Your next AutoPayment for $491.96 will be deduc your account and credited on your due date (previous day if your due date falls on a Saturday). If you make a payment prior your te that amount will be deducted from the AutoPayment amount identified above

SOUTHWEST AIRLINES RAPID REWARDS CARD SUMMARY

+ 2X Pts for Southwest purchases	964
+ Points earned on all other purchases	0
- Total Rapid Rewards transf. to Southwest	964

Learn more about your Rapid Rewards® Credit Card at www.chase.com/southwest. View point totals and redeem at www.southwest.com/rraccount. Call 1-800-I-FLY-SWA or visit www.southwest.com to book flights

Earn 2 Rapid Rewards® Points per $1 spent on flights purchased directly through Southwest Airlines® and on participating Rapid Rewards Hotel and Rental Car partner purchases (like Marriott, Hyatt, Hertz and Avis) Escape faster by earning 1 point per $1 on all other purchases

ACCOUNT ACTIVITY

Date of Transaction	Merchant Name or Transaction Description	$ Amount
PURCHASES		
08/26	SOUTHWES 5262441483560 800-435-9792 TX	491.96
090716	1 H SAN LAS	
	2 H LAS ABQ	
	3 QO ABQ PHX	
	4 OX PHX SAN	

2016 Totals Year-to-Date	
Total fees charged in 2016	$99.00
Total interest charged in 2016	$0.00

Year-to-date totals do not reflect any fee or interest refunds you may have received

TD 022 Biosurveillance Training - Uganda

Objectives

Advance the Biosafety and Biosecurity capacity in Uganda through the development, coordination and execution of a pilot biosurveillance study focused in Rift Valley Fever (RVF), Avian Influenza (AI), and Peste des Petuts Ruminants Virus (PPRV). Provide subject matter expertise to assist participants in development and submission of grant proposals, and development of Standard Operating Procedures to increase enhance local skills in early detection and prevalence determination of RVF AI and PPR.

Period of Performance: 3/21/16 – 11/15/16

CLIN 1002 – Labor

Program Manager

Metabiota Regional Africa Program Manager (b)(6) ed regular bi-weekly and as needed communications with in country stakeholders. He also led communications with DTRA CBEP representation on a bi-weekly and as needed basis. He provided project and programmatic oversight to the update, re-development and delivery of pilot study related CDRLs and other associated contractually requirement document resubmissions. He also contributed to the finalization of procurement documents and provided technical oversight to the selection of items necessary for pilot study implementation. (b)(6) rovided general management and direction to the project team during the finalization of the biosurveillance training event in the early days of September. He continued to lead presentations including the closing remarks and next steps conversations, and continued to provide technical guidance in the subject areas of epidemiology, data analysis, study design, and sample size calculation. (b)(6) also maintained communications with DTRA CBEP during this time and developed and implemented a reporting protocol for all study leads.

Research and Data Analyst:

(b)(6) rovided general coordination and implementation support to the project team in the during the execution of the biosurveillance training event. She continued to provide technical leadership during several components of the training event including the set up and execution of post-collection sample management activities. (b)(6) also contributed to the post-training next steps discussion that provided guidance to the study leads during the subsequent 8 weeks' pilot study. Finally, (b)(6) t the direction of (b)(6) egan building out relevant components of the final project report due at the time of project closeout (11/15/2016).

Subject Matter Expert 1:

(b)(6) emained on travel during the early days of this month in Kasese, Uganda and continued to serve as a technical leader during the closeout of the biosurveillance training event. His efforts during this period included the delivery of technical oversight on BS&S in the field laboratory, trapping sampling and handling of avian and ruminant species, field waste management, sample management in the field, and sample management in the field laboratory. (b)(6) additionally participated in all post training meetings and provided general support to the teams in preparation for the subsequent and forthcoming biosurveillance pilot studies. Finally, (b)(6) began the proposal development process, by holding at length discussions with study leads and building out a general outline.

Time spent during this period at SME 1 is also represented by the efforts of Africa Biomedical Laboratories (ABL) representative [redacted] contributed to the proposal development process at the guidance of [redacted] was engaged to support both proposal writing and study design portions of this effort.

AFRICOM FLN 1:

[redacted] provided technical and operational support to the Rift Valley fever biosurveillance pilot study team during this period. He served as a local community liaison tasked with engaging farmers and local government representatives in an effort to ensure that his team was able to sample the respective target animal populations. He additionally provided veterinary technical support in the form of handling and sampling of animals. [redacted] additionally worked to support the set up and breakdown of sample collection staging areas and participated in pre and post sampling meetings with team members.

[redacted] provided technical and operational support to the avian influenza and peste des petits ruminants biosurveillance pilot study teams during this period. He served as a local community liaison tasked with engaging farmers and local government representatives in an effort to ensure that his teams were able to sample their respective target animal populations. He additionally provided veterinary technical support in the form of handling and sampling of animals. [redacted] additionally worked to support the set up and breakdown of sample collection staging areas and participated in pre and post sampling meetings with team members.

CLIN 1003 – Materials and Supplies

Material costs invoiced include procurement for implementation of the workshop and communication costs for the team in the field during implementation.

CLIN 1004 – ODCs

DBA costs are allocated for [redacted] and [redacted] a FOIA (b)(4) total compensation.

CLIN 1005 – Travel

Travel costs invoiced include Airfare, Per Diem, and ground transportation for FOIA (b)(6) to implement the BSV workshop. Per Diem and ground transportation for Calla Martyn during implementation of the BSV workshop.

Metabiota

TD 022 Uganda BSV

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

Metabiota

TD 022 Uganda BSV

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(6)				$ -		
				$		
				$		
				$		
	AFRICOM FLN1	$		$		
(b)(6)	AFRICOM FLN1	$		$		
	Subject Matter Expert 1	$		$		
	Subject Matter Expert 1	$		$		
	Total CLIN 1002		(b)(6)	(b)(4); (b)(6)	(b)(4); (b)(6)	(b)(4); (b)(6)

Transaction Description	CURRENT INVOICE	CUMULATIVE INVOICED
(b)(4 (b)(6		
	FOIA (b) (4) $	
	$	
Total CLIN 1003	$	(b)(4); (b)(6)

CLIN 1004 ODC

Transaction Description	CURRENT INVOICE	CUMULATIVE INVOICED
DBA	$ 335 12	$ 1 729 42
FOIA (b)(4)	$ 102 48	$ 528 86
Total CLIN 1004	**$ 437.60**	**$ 2,258.28**

CLIN 1005 Travel

Transaction Description	CURRENT INVOICE	CUMULATIVE INVOICED
(b)(4); (b)(6) (b)(4); (b)(6)	$	
	$	
	$	
	$	
Total CLIN 1005	$ (b)(4); (b)(6)	$ (b)(4); (b)(6)
TOTAL INVOICE	$	$

~2 materials

01021.02.022.BSV.03	Uganda BSV Materials	COST		Training support Ug	APV	3.28
01021.02.022.BSV.03	Uganda BSV Materials	COST		Training support Ug	APV	11.32
01021.02.022.BSV.03	Uganda BSV Materials	COST		Training support Ug	APV	15.90
01021.02.022.BSV.03	Uganda BSV Materials	COST		Printing Services	APV	34.82
01021.02.022.BSV.03	Uganda BSV Materials	COST		TD-022 Procuremer	APV	35.91
01021.02.022.BSV.03	Uganda BSV Materials	COST			APV	
01021.02.022.BSV.03	Uganda BSV Materials	COST	(b)(6)		APV	48.24
01021.02.022.BSV.03	Uganda BSV Materials	COST			AJE	52.89
01021.02.022.BSV.03	Uganda BSV Materials	COST		TD-022 Procuremer	APV	53.05
01021.02.022.BSV.03	Uganda BSV Materials	COST		Communication Sup	APV	81.00
01021.02.022.BSV.03	Uganda BSV Materials	COST		TD-022 Procuremer	APV	81.27
01021.02.022.BSV.03	Uganda BSV Materials	COST		TD-022 Procuremer	APV	248.45
01021.02.022.BSV.03	Uganda BSV Materials	COST		Jay materials	APV	247.95
01021.02.022.BSV.03	Uganda BSV Materials	COST		TD-022 Procuremer	APV	298.80
01021.02.022.BSV.03	Uganda BSV Materials	COST		AEP TD-022 Procur	APV	307.13
01021.02.022.BSV.03	Uganda BSV Materials	COST		AEP TD-022 Procur	APV	498.98
01021.02.022.BSV.03	Uganda BSV Materials	COST		Jay materials	APV	516.84
01021.02.022.BSV.03	Uganda BSV Materials	COST		Jay Uganda BSV M	APV	[illegible]
01021.02.022.BSV.03	Uganda BSV Materials	COST		Jay materials	APV	989.32
01021.02.022.BSV.03	Uganda BSV Materials	COST		Jay materials	APV	1,030.80
01021.02.022.BSV.03	Uganda BSV Materials	COST		Jay materials	APV	1,277.01
01021.02.022.BSV.03	Uganda BSV Materials	COST		TD-022 Procuremer	APV	[illegible]
01021.02.022.BSV.03	Uganda BSV Materials	COST		IDEXX Lab Invoice	AJE	5,851.00
01021.02.022.BSV.03	Uganda BSV Materials	COST	(b)(6)	Jay materials	APV	7,184.63
01021.02.022.BSV.03	Uganda BSV Materials	COST		Jay materials	APV	10,999.72
01021.02.022.BSV.03	Uganda BSV Materials	COST		Material Accruals fo	AJE	32,482.34

Amazon

Remove - Exam gloves?

$ [illegible] 64,907.56

22 travel

FOIA (b)(6)

	Transportation from air	APV	273048CASH	2016	9	1 050-131 14	6119	43 18
	Transportation to airpo	APV	273048CASH	2016	9	1 050-131 14	6119	[illegible]
a	JayEntebbe Aug 21-26	APV	0742	2016	9	1 050-131 14	6181	[illegible]
	To Support TD-022 Tra	APV	272952CBCP	2016	9	1 050-131 10	6107	431 20
	Training support Ugand	APV	272968CASH	2016	9	1 050-131 18	6266	30 00
	Training support Ugand	APV	272968CASH	2016	9	1 050-131 18	6266	30 00
	Training support Ugand	APV	272968CASH	2016	9	1 050-131 18	6266	30 00
	Training support Ugand	APV	272968CASH	2016	9	1 050-131-18	6266	30 00
	Training support Ugand	APV	272968CASH	2016	9	1 050-131-18	6266	30 10
	Training support Ugand	APV	272968CASH	2016	9	1 050-131-18	6266	36 06
	Uber ride home from T	APV	272968CBCPC	2016	9	1 050-130-15	6291	46 49
	Training support Ugand	APV	272968CASH	2016	9	1 050-131-18	6266	66 00
	Training support Ugand	APV	272968CASH	2016	9	1 050-131-18	6266	57 [illegible]
	Uganda BSV travel sup	APV	272968CASH	2016	9	1 050-131-19	6266	77 00
	Travel to support Ugan	APV	272968CASH	2016	9	1 050-131-19	6266	41 00
	Travel to support Ugan	APV	272968CASH	2016	9	1 050-131-19	6266	41 00
	Travel to support Ugan	APV	272968CASH	2016	9	1 050-131-19	6266	41 00
	Travel: Domestic Trans	APV	272968CBCPC	2016	9	1 050-130-15	6291	37 80
	Travel Frgn Other Tra	APV	272968CASH	2016	9	1 050-131-19	6266	57 75
	Travel Frgn Other Tra	APV	272968CASH	2016	9	1 050-131-19	6266	65 [illegible]
	Uganda BSV travel sup	APV	272968CASH	2016	9	1 050-131-19	6266	41 00
	Uganda BSV travel sup	APV	272968CASH	2016	9	1 050-131-19	6266	41 00
	Uganda BSV travel sup	APV	272968CASH	2016	9	1 050-131-19	6266	41 00
	Uganda BSV travel sup	APV	272968CASH	2016	9	1 050-131-19	6266	41 00
	Uganda BSV travel sup	APV	272968CASH	2016	9	1 050-131-19	6266	41 00
	Uganda BSV travel sup	APV	272968CASH	2016	9	1 050-131-19	6266	57 75
	Uganda BSV travel sup	APV	272968CASH	2016	9	1 050-131-19	6266	65 00
	Uganda BSV travel sup	APV	272968CASH	2016	9	1 050-131-19	6266	65 00
	Uganda BSV travel sup	APV	272968CASH	2016	9	1 050-131-19	6266	65 00
	Uganda BSV travel sup	APV	272968CASH	2016	9	1 050-131-19	6266	65 00
	Travel Frgn Other Tra	APV	273048CASH	2016	9	1 050-131-19	6119	994 59

CITY TOP (U) LTD.

(SUPER MARKET)
Plot 72, Rwenzori Road.

0715-165201
0772-512033
0483-444668

P.O. Box 620
Kasese.

TAX INVOICE / CASH SALE

Date 29/08/18

N NO. 1000293642 VAT NO. 50294-N

S.....

N NO.....VAT NO.....

Qty	Particulars	Rate	Shs
1	Hemdavan	6000	6000
1	Scissors	5000	5000
& O.E	VAT Inclusive 18%	TOTAL	11000.

THANK YOU *Goods once sold are not returnable.*

3.28

$3.28

$ 28 + 11.32 + 15 + 34.00 + 35.92 + 46.91 + 52.24 + 53.89 + 53.05
81.00 + 91.27 + 246.45 + 247.95 + 296.50 + 307.13
499.98 + 516.84 + 946.78 + 989.32 + 1050.80
1277.01 + 1595.93 + 5851.00 + 7194.63
10 999.72 + 32,482.34 $ 64,907.56

$11 3

Tel: .....

Fax: .....

RECEIPT

P.O. 30/84

No.

Date: 30/8/2016

Received from (b)(6) B

he sum of shillings Thirty eight thousand shillings only.

eing payment of 4 ropes × 3000 = 12000.
Mercans 2 × 8000 = 16000. Soap 5000 × 2 = 1000

ash / Cheque No. Cash Balance Nil

HS. 38000=

$15.00

A03
Plot No 72 Rwenzori Rd
Kasese
Tel: Tel: +256-752436150

airtel

CASH SALE

Date: 31st/8/06

Mob: .....

/s..... (g)(q) .....

.....

y	Particulars	Amount
1	AIR TIME/ DATA	40,000-
	Gross Total	

$15

METABIOTA

$34.92

Lost or Missing Receipt Form

Vendor: LAICO Lake Victoria

Description of Expense: Printing services for biosurveillance training

Date: 8/23/16

Amount: 116,000 UGX

Project: AEP TD-022: Uganda Biosurveillance and Grantsmanship Training

Reason for Missing Receipt: Misplaced receipt during travel

Signature of Program Manager (b)(6) Date: 9/8/16

Printed Name (b)(6)

Signature of Employee (b)(6) Date: 8/23/16

Printed Name (b)(6)

34.92

Shipped on July 21, 2016

Items Ordered | **Price**

2 of: *Sharpie Permanent Markers, Fine Point, Assorted Colors, 12 Pack* | $10.73

Sold by: Amazon.com LLC

Condition: New

Shipping Address:

DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Shipping Speed:

Standard Shipping

Item(s) Subtotal:	$21.46
Shipping & Handling:	$12.43
Total before tax:	$33.89
Sales Tax:	$2.02
Total for This Shipment:	**$35.91**

$46.24

FSC 0263930006

Fisher Scientific
Part of Thermo Fisher Scientific

REMIT TO:
ACCT# 026393-002
P.O. BOX 404707
ATLANTA GA
30384-4707

INQUIRE AT:
(800) 955-5090
3970 JOHNS CREEK COURT
SUWANNEE GA
30024

B-U-N-S-00-432-1519
FEIN 23-2942737
ORIGINAL INVOICE

PLEASE REFER TO THIS INVOICE NUMBER ON YOUR REMITTANCE

CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE
2016-05	08/25/2016

5315476

ORDER NO.	ACCOUNT NO.	CSO	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
M62037473	026393-002	INT	SHIPPING POINT	07/22/2016	1	

SOLD TO:
METABIOTA INC
2-425 CALIFORNIS ST
SAN FRANCISCO CA 94104

SHIP TO:
METABIOTA
1051 SHEFFLER DR STE C
FOIA (b)(6)
SAIC/DTRA CLS WHS
CHAMBERSBURG PA 17201

INVOICE TYPE: NOR FOM CON

THIS IS A PARTIAL SHIPMENT [ ]

DUE: 09/24/2016
TERMS: NET 30 DAYS FROM INVOICE DATE.
PAYABLE IN U.S. CURRENCY.

Visit: www.fishersci.com

DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
FOIA (b)(6)				
SHIPMENT NBR: 015 FROM: EPD ON 08/25/2016				
BT IRON DUKE 15 POLY PR SZ12	19 920 160	1 PR	25.44	25.44
MERCHANDISE SUBTOTAL				25.44
SHIPPING				20.80
TOTAL INVOICE AMOUNT				46.24

FOR YOUR PROTECTION, OUR COMPANY DOES NOT ACCEPT CREDIT CARD NUMBERS VIA FAX OR EMAIL

TELL US ABOUT YOUR RECENT CUSTOMER SERVICE EXPERIENCE BY COMPLETING A SHORT SURVEY. THIS SHOULD TAKE NO LONGER THAN THREE MINUTES. ENTER THE LINK INTO YOUR BROWSER AND ENTER THE PASSCODE SHOWN.
http://survey.medallia.com/fishersci PASSCODE: USA-PGH-CS2

E-INVOICE @HTTPS://WWW.E-SCICOM.COM/THERMOFISHER/REGISTER.ASPX

See reverse side for complete terms and conditions or visit http://www.fishersci.com/wps/portal/CMSTATICThref=Footer/tandcapls.jsp

PAST DUE BALANCES ARE SUBJECT TO A **FINANCE CHARGE**. THIS SHIPMENT WAS DELIVERED IN PERFECT CONDITION AND SIGNED FOR BY THE TRANSPORTATION COMPANY. CONSIGNORS RESPONSIBILITY CEASES UPON DELIVERY OF GOODS TO CARRIER. DO NOT ACCEPT SHIPMENT SHOWING EVIDENCE OF DAMAGE OR SHORTAGE UNTIL AGENT OF CARRIER ENDORSES NOTATION TO THIS EFFECT ON FACE OF TRANSPORTATION RECEIPT. WITHOUT THIS DOCUMENTARY EVIDENCE CLAIM CANNOT BE FILED. SELLER CERTIFIES THAT ALL GOODS (OR SERVICES) COVERED BY THIS INVOICE WERE PRODUCED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF SECTIONS 6,7, AND 12 OF THE FAIR LABOR STANDARDS ACTS OF 1938, AS AMENDED, AND OF THE REGULATIONS AND ORDERS OF THE UNITED STATES DEPARTMENT OF LABOR ISSUED UNDER SECTION 14 THEREOF.

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THE PRICES SHOWN ON THIS INVOICE ARE NET OF DISCOUNTS PROVIDED AT THE TIME OF PURCHASE. SOME PRODUCTS MAY BE SUBJECT TO ADDITIONAL DISCOUNTS AGREED UPON BETWEEN THE PARTIES.

T··Mobile·

Statement for	Account number	Bill close date
FOIA (b)(6)	838250418	Aug 01 2016

$52.89

Plan: SimpleChoice Val FAM UnlTT+D
Talk. Unlimited
Text: Unlimited
Data. Unlimited, with up to 1 GB high speed

Service from Aug 2 to Sep 1

Plan

Simple Choice VAL AAL UNL T+T	$10.00
Subtotal:	**$10.00**

T-Mobile fees and charges & Government taxes and fees

Service charge taxes based on the address: 337 GLORIA DR, PLEASANT HILL CA 94523-2213

T-Mobile fees and charges

Federal Universal Service Fund	$0.35
Regulatory Fee	$0.01
Regulatory Programs & Telco Recovery Fee	$2.71

Government taxes and fees

CA Advanced Services Fund	$0.04
CA Relay Service and Communications Device Fund	$0.04
California High Cost Fund - A (CHCF-A)	$0.02
California Teleconnect Fund	$0.08
Emergency Telephone Users Surcharge Tax (911)	$0.05
Universal Lifeline Telephone Service Surcharge	$0.38
Utility Use	$0.10
Subtotal:	**$3.78**

Total: $13.78

FOIA (b)(6)

Changes

↑ $58.31

ⓘ *You had usage charges.*

Plan: SimpleChoice Val FAM UnlTT+D
Talk. Unlimited
Text: Unlimited
Data. Unlimited, with up to 1 GB high speed

Service prior to Aug 2

Usage charges ⓘ

Itemized charges are listed on page 7

Talk	$32.89
Text	$20.00
Subtotal:	**$52.89**

Service from Aug 2 to Sep 1

Plan

Simple Choice VAL AAL UNL T+T	$10.00
Subtotal:	**$10.00**

T-Mobile fees and charges & Government taxes and fees

Service charge taxes based on the address: 337 GLORIA DR, PLEASANT HILL CA 94523-2213

T-Mobile fees and charges

Federal Universal Service Fund	$1.93
Regulatory Fee	$0.11
Regulatory Programs & Telco Recovery Fee	$2.71

$ 53.05

amazon.com

Final Details for Order #107-0412256-0767420

Print this page for your records.

Order Placed: July 21, 2016
Amazon.com order number: 107-0412256-0767420
Order Total: $2,022.61

Shipped on July 23, 2016

Items Ordered	Price
5 of: *HP Multipurpose Ultra White, 20lb, 8 1/2" x 11", 96 Bright, 500 Sheets/1 Ream, (112000)* Sold by: recession prices (seller profile)	$8.99
Condition: New 1 of: *BIC Round Stic Xtra Life Ball Pen, Medium Point (1.0 mm), Black, 60-Count* Sold by: Amazon.com LLC	$4.00
Condition: New 1 of: *Smead Manila File Folder, 1/3-Cut Tab, Letter Size, Manila, 100 per Box* Sold by: Amazon.com LLC	$10.99
Condition: New 2 of: *Seagate Backup Plus Slim 1TB Portable External Hard Drive for Mac with Mobile Device Backup USB 3.0 (STDS1000100) (Certified Refurbished)* Sold by: PrimeDeal (seller profile) Condition: New This Certified Refurbished product is tested & certified by Seagate to work like new. The product includes all original accessories, and is backed by a 90 day warranty	$57.99

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Shipping Speed:
Standard Shipping

Item(s) Subtotal:	$175.92
Shipping & Handling:	$68.86
Total before tax:	$244.78
Sales Tax:	$1.67
Total for This Shipment:	**$246.45**

Shipped on July 22, 2016

Items Ordered	Price
1 of: *TOPS The Legal Pad Legal Pad, 8-1/2 x 11-3/4 Inches, Perforated, Canary, Legal/Wide Rule, 50 Sheets per Pad, 12 Pads per Pack (7532)* Sold by: Amazon.com LLC	$9.99
Condition: New 4 of: *14 Pack of Energizer AAAA Alkaline Batteries. Fits Streamlight Flashlights*	$7.92

$53.05

Sold by: Blue Donuts (seller profile)

Condition: New

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Shipping Speed:
Standard Shipping

Item(s) Subtotal:	$41.67
Shipping & Handling:	$10.45
Total before tax:	$52.12
Sales Tax:	$0.93
Total for This Shipment:	**$53.05**

Shipped on July 21, 2016

Items Ordered **Price**

2 of: *Dell Inspiron 15 5559 15.6-inch FHD Touchscreen Laptop (Intel Core Skylate i7-6500U, 16GB RAM, 1TB HDD, 4GB AMD Radeon R5 M335 Graphics, Windows 10)* $789.00
Sold by: Discounted Tech Store (seller profile)

Condition: New

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Shipping Speed:
Standard Shipping

Item(s) Subtotal:	$1,578.00
Shipping & Handling:	$17.93
Total before tax:	$1,595.93
Sales Tax:	$0.00
Total for This Shipment:	**$1,595.93**

Shipped on July 21, 2016

Items Ordered **Price**

2 of: *Sharpie Permanent Markers, Fine Point, Assorted Colors, 12 Pack* $10.73
Sold by: Amazon.com LLC

Condition: New

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Item(s) Subtotal:	$21.46
Shipping & Handling:	$12.43
Total before tax:	$33.89
Sales Tax:	$2.02

Shipping Speed:
Standard Shipping

Total for This Shipment: $35.91

Shipped on July 21, 2016

Items Ordered	Price
6 of: *HP v165w 64GB USB 2.0 Flash Drive - Blue - P-FD64GHP165-GE* Sold by: Amazon.com LLC Condition: New	$12.99

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Item(s) Subtotal:	$77.94
Shipping & Handling:	$8.17
Total before tax:	$86.11
Sales Tax:	$5.16
Total for This Shipment:	**$91.27**

Shipping Speed:
Standard Shipping

Payment information

Payment Method:
Visa | Last digits: 9033

Billing address
FOIA (b)(6)
425 California Street
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$1,894.99
Shipping & Handling:	$117.84
Total before tax:	$2,012.83
Estimated tax to be collected:	$9.78
Grand Total:	**$2,022.61**

Credit Card transactions

Visa ending in 9033: July 21, 2016:	$91.27
Visa ending in 9033: July 21, 2016:	$1,595.93
Visa ending in 9033: July 21, 2016:	$35.91
Visa ending in 9033: July 22, 2016:	$53.05
Visa ending in 9033: July 23, 2016:	$246.45

To view the status of your order, return to Order Summary.

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THE REPUBLIC OF UGANDA

$81.00

Uganda Virus Research Institute
P.O.Box 49
ENTEBBE
Tel: (256) 414 320385 6
Fax: (256) 414 320483
Email. uvri@uvri.go.ug

UVRI

Serial No: 1469

GATE PASS

TO BE FILLED IN TRIPLICATE

Authority is hereby granted (b)(6) _____

to take the under mentioned supplies/equipment beyond UVRI gate.

Brief description of Supplies/equipment.

1 tank of LN_2 30 liters

@ 270,000 UGX total

.....

.....

..... (b)(6) .....

Authorized by: ..... Title: FOIA (b)(6) .....

Dated: 24/8/16 ..... Stamp UVRI COLLABORATOR

Date: .....

N.B: **White** copy to transporter. **Blue** copy at the gate **Yellow** copy with UVRI Collaborator

UGANDA VIRUS RESEARCH INSTITUTE
P. O. BOX 49, ENTEBBE

$81

CC 198

$91.27

Shipping Speed:
Standard Shipping

Total for This Shipment: $35.91

Shipped on July 21, 2016

Items Ordered	**Price**
6 of: *HP v165w 64GB USB 2.0 Flash Drive - Blue - P-FD64GHP165-GE* Sold by: Amazon.com LLC Condition: New	$12.99

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Item(s) Subtotal:	$77.94
Shipping & Handling:	$8.17
Total before tax:	$86.11
Sales Tax:	$5.16
Total for This Shipment:	**$91.27**

Shipping Speed:
Standard Shipping

Payment information

Payment Method:
Visa | Last digits: 9033

Billing address
FOIA (b)(6)
425 California Street
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$1,894.99
Shipping & Handling:	$117.84
Total before tax:	$2,012.83
Estimated tax to be collected:	$9.78
Grand Total:	**$2,022.61**

Credit Card transactions

Visa ending in 9033: July 21, 2016:	$91.27
Visa ending in 9033: July 21, 2016:	$1,595.93
Visa ending in 9033: July 21, 2016:	$35.91
Visa ending in 9033: July 22, 2016:	$53.05
Visa ending in 9033: July 23, 2016:	$246.45

To view the status of your order, return to Order Summary.

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$246.45

amazon.com

Final Details for Order #107-0412256-0767420

Print this page for your records.

Order Placed: July 21, 2016
Amazon.com order number: 107-0412256-0767420
Order Total: $2,022.61

Shipped on July 23, 2016

Items Ordered	Price
5 of: *HP Multipurpose Ultra White, 20lb, 8 1/2" x 11", 96 Bright, 500 Sheets/1 Ream, (112000)* Sold by: recession prices (seller profile)	$8.99
Condition: New 1 of: *BIC Round Stic Xtra Life Ball Pen, Medium Point (1.0 mm), Black, 60-Count* Sold by: Amazon.com LLC	$4.00
Condition: New 1 of: *Smead Manila File Folder, 1/3-Cut Tab, Letter Size, Manila, 100 per Box* Sold by: Amazon.com LLC	$10.99
Condition: New 2 of: *Seagate Backup Plus Slim 1TB Portable External Hard Drive for Mac with Mobile Device Backup USB 3.0 (STDS1000100) (Certified Refurbished)* Sold by: PrimeDeal (seller profile) Condition: New This Certified Refurbished product is tested & certified by Seagate to work like-new. The product includes all original accessories, and is backed by a 90 day warranty.	$57.99

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Shipping Speed:
Standard Shipping

Item(s) Subtotal:	$175.92
Shipping & Handling:	$68.86
Total before tax:	$244.78
Sales Tax:	$1.67
Total for This Shipment:	**$246.45**

Shipped on July 22, 2016

Items Ordered	Price
1 of: *TOPS The Legal Pad Legal Pad, 8-1/2 x 11-3/4 Inches, Perforated, Canary, Legal/Wide Rule, 50 Sheets per Pad, 12 Pads per Pack (7532)* Sold by: Amazon.com LLC	$9.99
Condition: New 4 of: *14 Pack of Energizer AAAA Alkaline Batteries. Fits Streamlight Flashlights*	$7.92

$ 246.45

Sold by: Blue Donuts (seller profile)

Condition: New

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Shipping Speed:
Standard Shipping

Item(s) Subtotal:	$41.67
Shipping & Handling:	$10.45
Total before tax:	$52.12
Sales Tax:	$0.93
Total for This Shipment:	**$53.05**

Shipped on July 21, 2016

Items Ordered **Price**

2 of: *Dell Inspiron 15 5559 15.6-inch FHD Touchscreen Laptop (Intel Core Skylate i7-6500U, 16GB RAM, 1TB HDD, 4GB AMD Radeon R5 M335 Graphics, Windows 10)* $789.00
Sold by: Discounted Tech Store (seller profile)

Condition: New

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Shipping Speed:
Standard Shipping

Item(s) Subtotal:	$1,578.00
Shipping & Handling:	$17.93
Total before tax:	$1,595.93
Sales Tax:	$0.00
Total for This Shipment:	**$1,595.93**

Shipped on July 21, 2016

Items Ordered **Price**

2 of: *Sharpie Permanent Markers, Fine Point, Assorted Colors, 12 Pack* $10.73
Sold by: Amazon.com LLC

Condition: New

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Item(s) Subtotal:	$21.46
Shipping & Handling:	$12.43
Total before tax:	$33.89
Sales Tax:	$2.02

Shipping Speed:
Standard Shipping

Total for This Shipment: $35.91

Shipped on July 21, 2016

Items Ordered	Price
6 of: *HP v165w 64GB USB 2.0 Flash Drive - Blue · P-FD64GHP165-GE* Sold by: Amazon.com LLC Condition: New	$12.99

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Item(s) Subtotal:	$77.94
Shipping & Handling:	$8.17
Total before tax:	$86.11
Sales Tax:	$5.16
Total for This Shipment:	**$91.27**

Shipping Speed:
Standard Shipping

Payment information

Payment Method:
Visa | Last digits: 9033

Billing address
(b)(6)
425 California Street
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$1,894.99
Shipping & Handling:	$117.84
Total before tax:	$2,012.83
Estimated tax to be collected:	$9.78
Grand Total:	**$2,022.61**

Credit Card transactions

Visa ending in 9033: July 21, 2016:	$91.27
Visa ending in 9033: July 21, 2016:	$1,595.93
Visa ending in 9033: July 21, 2016:	$35.91
Visa ending in 9033: July 22, 2016:	$53.05
Visa ending in 9033: July 23, 2016:	$246.45

To view the status of your order, return to Order Summary.

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$247.95

FSC 0263930006

Fisher Scientific
Part of Thermo Fisher Scientific

REMIT TO:
ACCT# 026393-002
P.O. BOX 404707
ATLANTA GA
30384-4707

INQUIRE AT:
(800) 955-5090
3970 JOHNS CREEK COURT
SUWANNEE GA
30024

D-U-N-S-00-432-1519
FEIN 23-2942737
ORIGINAL INVOICE

PLEASE REFER TO THIS INVOICE NUMBER ON YOUR REMITTANCE
6096511

CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE
2016-05 REPL	09/13/2016

ORDER NO.	ACCOUNT NO.	CSO	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
M62577105	026393-002	INT	SHIPPING POINT	09/13/2016	1	

SOLD TO:
METABIOTA INC
2-425 CALIFORNIS ST
SAN FRANCISCO CA 94104

SHIP TO:
METABIOTA
1051 SHEFFLER DRIVE
DTRA CLS WHS
C/O SAIC
CHAMBERSBURG PA 17201

INVOICE TYPE: NOR FOM COM

THIS IS A PARTIAL SHIPMENT ☐

DUE: 10/13/2016
TERMS: NET 30 DAYS FROM INVOICE DATE. PAYABLE IN U.S. CURRENCY.

Visit: www.fishersci.com

DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
FOIA (b)(6)				
SHIPMENT NBR: 001 FROM: EPD ON: 09/13/2016				
FB BB TRANS PPT NS 5ML 500/PK LOT	13 711 5AM 16290586	2 CS	102.20	204.40
MERCHANDISE SUBTOTAL				204.40
SHIPPING				40.60
SHIPPING-FUEL SURCHARGE				2.95
TOTAL INVOICE AMOUNT				247.95

FOR YOUR PROTECTION, OUR COMPANY DOES NOT ACCEPT CREDIT CARD NUMBERS VIA FAX OR EMAIL

TELL US ABOUT YOUR RECENT CUSTOMER SERVICE EXPERIENCE BY COMPLETING A SHORT SURVEY. THIS SHOULD TAKE NO LONGER THAN THREE MINUTES. ENTER THE LINK INTO YOUR BROWSER AND ENTER THE PASSCODE SHOWN.
http://survey.medallia.com/fishersci PASSCODE: USA-PGH-CS2

E-INVOICE @HTTPS://WWW.E-SCICOM.COM/THERMOFISHER/REGISTER.ASPX

See reverse side for complete terms and conditions or visit http://www.fishersci.com/wps/portal/CHSTATICthref=Center/landcsale.jsp

PAST DUE BALANCES ARE SUBJECT TO A **FINANCE CHARGE**. THIS SHIPMENT WAS DELIVERED IN PERFECT CONDITION AND SIGNED FOR BY THE TRANSPORTATION COMPANY. CONSIGNORS RESPONSIBILITY CEASES UPON DELIVERY OF GOODS TO CARRIER. DO NOT ACCEPT SHIPMENT SHOWING EVIDENCE OF DAMAGE OR SHORTAGE UNTIL AGENT OF CARRIER ENDORSES NOTATION TO THIS EFFECT ON FACE OF TRANSPORTATION RECEIPT. WITHOUT THIS DOCUMENTARY EVIDENCE CLAIM CANNOT BE FILED. SELLER CERTIFIES THAT ALL GOODS (OR SERVICES) COVERED BY THIS INVOICE WERE PRODUCED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF SECTIONS 6,7, AND 12 OF THE FAIR LABOR STANDARDS ACTS OF 1938, AS AMENDED, AND OF THE REGULATIONS AND ORDERS OF THE UNITED STATES DEPARTMENT OF LABOR ISSUED UNDER SECTION 14 THEREOF.

NO CREDIT WILL BE ALLOWED FOR MERCHANDISE RETURNED WITHOUT PRIOR AUTHORIZATION.

THE PRICES SHOWN ON THIS INVOICE ARE NET OF DISCOUNTS PROVIDED AT THE TIME OF PURCHASE. SOME PRODUCTS MAY BE SUBJECT TO ADDITIONAL DISCOUNTS AGREED UPON BETWEEN THE PARTIES.

$296.80

Noelle Cruikshank - The GPS Store, Inc.
Your Order with The GPS Store Inc
July 21 2016 at 2 25 PM

TheGPSStore.com
Automotive ■ Outdoor ■ Marine Electronics

Phone Order Confirmation
Order Number: 1287022
Date: 07/21/16

Thank you for ordering from The GPS Store, Inc. The Worlds Favorite Source for GPS and Marine Electronics!

This is your phone order confirmation; you will receive a printed invoice with your order. All domestic in stock orders will ship the same day (Mon-Fri) if ordered by 4pm Eastern Time.

---Please note All orders are subject to approval by our verification department before shipment.---

If you chose a UPS shipping method, then you will also receive a tracking number via email the same evening your order ships.(This e-mail is sent from UPS QuantumView and is often caught by spam filters, please check your spam folder if you do not see this e-mail in your Inbox.)

The Salesperson that helped you with your order today was (b)(6).
Below you will find a summary of your order, please verify that all of the information is correct.

Bill To:
(b)(6)
METABIOTA
425 CALIFORNIA ST
SUITE 200
SAN FRANCISCO, CA 94104

Ship To:
DTRA CLS WRHSE C/O (b)(6)
SAIC
1051 SHEFFLER DRIVE
SUITE C
CHAMBERSBURG, PA 17201

Item Number	Description	Qty Ord.	Unit Price	Disc	Extended Price
GA00970	Garmin eTrex 10 Worldwide Handheld GPS 010-00970-00	3.00	$ 94.9500	0	$ 284.85

Sales Tax: $ 0.00
Shipping & Handling: $ 11.95
Order Total: $ 296.80

SHIPPING METHOD OF YOUR ORDER IS UNITED PARCEL SERVICE - SECOND DAY AIR

The total of your order including shipping is $296.80.
If you have any questions regarding your order please call us at 1-800-477-2611 (Mon-Fri 9am-5pm eastern time)
or 910-575-9544 outside the U.S.A.

Regards,
(b)(6)
The GPS Store, Inc. Sales Team
www.thegpsstore.com
Phone 910-575-9544

$307.13

Subject: Shipment Confirmation Email
Date: Friday, July 22, 2016 at 02:21:45 Eastern Daylight Time
From: customerservice@dickies.com
To: [redacted]

We Appreciate Your Business customerservice@dickies.com

DTRA CLS Wrhse c/o (b)(6)

This email confirms your order has been processed and will be shipped the next business day

Shipment Items

Qty	Item Description
6	Basic Cotton Coverall
2	Basic Cotton Coverall

The total amount of the item(s) in this shipment (plus shipping charge if applicable) is $307.13. Some items may ship separately and you will be notified with a separate email

If you wish to track your shipment as early as the next business day after UPS pick up, please click the link http://wwwapps.ups.com/WebTracking/track?track=yes&trackNums=1Z7E08120206124354

(1-866-411-1501) Monday - Sunday 8AM - 8PM or customerservice@dickies.com.

Your Dickies Order # is 0207440

$ 499.98

Monday, October 31, 2016 at 1:20:31 PM Eastern Daylight Time

Subject: Shipping Acknowledgement PO # WEB ORDER 07/21/16
Date: Tuesday, August 2, 2016 at 7:20:23 AM Eastern Daylight Time
From: MSCIndustrialSupply@MSCDIRECT.COM
To: FOIA (b)(6)

[redacted]

*** SHIPPING ACKNOWLEDGEMENT ***

BILL TO

METABIOTA
425 CALIFORNIA ST
STE 200
SAN FRANCISCO CA
94104
Customer Acc# 06811416

SHIP TO

DTRA CLS WAREHOUSE
1051 SHEFFLER DR
STE C
CHAMBERSBURG, PA 17201
Attn.: FOIA (b)(6)
Contact: FOIA (b)(6)

SUMMARY FOR WEB ORDER #: 65916065 CONFIRMED ORDER #: 160762628
PURCHASE ORDER #: WEB ORDER 07/21/16

Packing Slip#	Merchandise Subtotal	Shipping, handling & Surcharge	Sales Tax	P/S Total
9752103	$417 60	$54 08	$28 30	$499 98
Order Total:	$417 60	$54 08	$28 30	$499 98

Packing Slip #: 9752103
Status: INVOICED
Tracking: Tracking #: 1Z901W400138725609

Invoice #: 97521036
Invoice Date: 08/01/2016
Ship Date: 08/01/2016
Payment Method: VISA 9033

Item #	Description	Qty	Price	Tax	Ext Price
89397301	GRAY W/CLR X-AF LENS UVEX STEALTH GOGGLE	30	13.9200		$417 60

Merchandise Subtotal: $417 60
Shipping, Handling & Surcharge: $54 08
Sales Tax: $28 30
P/S Total: $499 98

PLEASE DO NOT SEND PAYMENT.
THIS INVOICE IS FOR YOUR RECORDS ONLY
THIS AMOUNT HAS BEEN CHARGED TO YOUR CREDIT CARD.

If you have any questions or concerns, please call General Customer Service toll-free at 1-800-645-7270 General customer service is available Monday through Friday 7am-11pm ET and Saturday 8am-5pm ET

You can also visit Customer Support on the web or email us at Customer Service
To search, order or learn more about MSC log on @ www.mscdirect.com.

This purchase is governed exclusively by MSC's Terms and Conditions that can be found in MSC's current catalog and at www.mscdirect.com.

MSC's acceptance of your order is predicated on your assent to MSC's Terms and Conditions, unless you have entered into a separate product purchase agreement with MSC that continues to be in effect on the date of your

$516.84

FSC 0263930006

Fisher Scientific
Part of Thermo Fisher Scientific

REMIT TO:
ACCT# 026393-002
P.O. BOX 404707
ATLANTA GA
30384-4707

INQUIRE AT:
(800) 955-8998
3970 JOHNS CREEK COURT
SUWANEE GA
30024

B-U-N-S-00-432-1519
FEIN 23-2942737
ORIGINAL INVOICE

PLEASE REFER TO THIS INVOICE NUMBER ON YOUR REMITTANCE

CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE	
2016-05	08/17/2016	4855475

ORDER NO.	ACCOUNT NO.	CSO	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
M62037475	026393-002	INT	SHIPPING POINT	07/22/2016	1	

SOLD TO:

METABIOTA INC
2-425 CALIFORNIS ST
SAN FRANCISCO CA 94104

SHIP TO:

METABIOTA
1051 SHEFFLER DR STE C
FOIA (b)(6)
CHAMBERSBURG PA 17201

INVOICE TYPE: MDR FGN COM

THIS IS A PARTIAL SHIPMENT ☐

DUE: 09/16/2016
TERMS: NET 30 DAYS FROM INVOICE DATE.
PAYABLE IN U.S. CURRENCY.

Visit: www.fisheraci.com

DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
FOIA (b)(6)				
SHIPMENT NBR: 014 FROM: VND ON 08/16/2016				
WATERPROOFGLOVE MID ARM M	13 262 784	2 PR	234.29	468.58
MERCHANDISE SUBTOTAL				468.58
DIRECT SHIP TRANS CHARGE				48.26
TOTAL INVOICE AMOUNT				516.84

FOR YOUR PROTECTION, OUR COMPANY DOES NOT ACCEPT CREDIT CARD NUMBERS VIA FAX OR EMAIL.

TELL US ABOUT YOUR RECENT CUSTOMER SERVICE EXPERIENCE BY COMPLETING A SHORT SURVEY. THIS SHOULD TAKE NO LONGER THAN THREE MINUTES. ENTER THE LINK INTO YOUR BROWSER AND ENTER THE PASSCODE SHOWN.
http://survey.medallia.com/fisheraci PASSCODE: USA-PGH-CS2

E-INVOICE @HTTPS://WWW.E-SCICOM.COM/THERMOFISHER/REGISTER.ASPX

See reverse side for complete terms and conditions or visit http://www.fisheraci.com/wps/portal/CHSTATIC?href=Footer/tandconds.jsp

PAST DUE BALANCES ARE SUBJECT TO A **FINANCE CHARGE**. THIS SHIPMENT WAS DELIVERED IN PERFECT CONDITION AND SIGNED FOR BY THE TRANSPORTATION COMPANY. CONSIGNORS RESPONSIBILITY CEASES UPON DELIVERY OF GOODS TO CARRIER. DO NOT ACCEPT SHIPMENT SHOWING EVIDENCE OF DAMAGE OR SHORTAGE UNTIL AGENT OF CARRIER ENDORSES NOTATION TO THIS EFFECT ON FACE OF TRANSPORTATION RECEIPT. WITHOUT THIS DOCUMENTARY EVIDENCE CLAIM CANNOT BE FILED. SELLER CERTIFIES THAT ALL GOODS (OR SERVICES) COVERED BY THIS INVOICE WERE PRODUCED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF SECTIONS 6,7, AND 12 OF THE FAIR LABOR STANDARDS ACTS OF 1938, AS AMENDED, AND OF THE REGULATIONS AND ORDERS OF THE UNITED STATES DEPARTMENT OF LABOR ISSUED UNDER SECTION 14 THEREOF.

NO CREDIT WILL BE ALLOWED FOR MERCHANDISE RETURNED WITHOUT PRIOR AUTHORIZATION.

THE PRICES SHOWN ON THIS INVOICE ARE NET OF DISCOUNTS PROVIDED AT THE TIME OF PURCHASE. SOME PRODUCTS MAY BE SUBJECT TO ADDITIONAL DISCOUNTS AGREED UPON BETWEEN THE PARTIES.

$ 946.78

eurofins

INVOICE

Invoice No	SIN00503357
Invoice Date	8/31/2016
Confirmation No	1129553
Purchase Order	AEP TD-022
Ecom No	11200071181
Order No	8201392
Customer Reference	Uganda BSV
Contract No/ BPA	
Customer No	3123163

Bill to ID 382066
METABIOTA
SUITE 200
425 CALIFORNIA ST
SAN FRANCISCO CA 94104
US

Ship to ID:4516563
[redacted]
CAA HEADQUARTER JUNCTION
[redacted]
TUNNEL ROAD
ENTEBBE, 11 UG

Order Date	Shipment Date	Terms	Due Date
8/17/2016	8/30/2016	N030	8/31/2016

Item Id	Item type	Description	Quantity	Unit price	Amount
1330	DNA	AI Forward(50 nmole) 22 Bases Salt Free	1 00	9 24	9 24
1330	DNA	AI M253R(50 nmole) 24 Bases Salt-Free	1 00	10 08	10 08
1330	DNA	AI Forward(50 nmole) 19 Bases Salt-Free	1 00	7 98	7 98
1330	DNA	PPR Conv F(50 nmole) 24 Bases Salt-Free	1 00	10 08	10 08
1330	DNA	PPR Conv R(50 nmole) 21 Bases Salt-Free	1 00	8 82	8 82
1330	DNA	PPR RT F(50 nmole 27 Bases Salt-Free	1 00	11 34	11 34
1330	DNA	PPR RT R(50 nmo e 22 Bases Sa t-Free	1 00	9 24	9 24
1330	DNA	AI Matrix(1 0 umole) 17 Bases HPLC	1 00	405 00	405 00
1330	DNA	PPR probe 1 0 umole 26 Bases HPLC	1 00	405 00	405 00

Freight Services . FedEx International Priority
Package Tracking 1ZWW37410490932878

Subtotal	876 78
Shipp ng Charge	70 00
Tax	0 00
Total Invoice Amount	946 78
Total Due	946 78 USD

A service fee of 1 5 wi be added per month to any late payments

Terms & Conditions
https //eurofinsgenomics com/en/home/terms-and-conditions aspx

Remit payment to
Eurofins MWG Operon
13489 Collections Center Dr
Chicago IL 60693
EIN 20-1281242
DUNS 15-367-2675
GST Registration
831565122RT001

Contact
Eurofins MWG Operon LLC
12701 Plantside Drive
Louisville, KY 40299-6388
Toll free 800 688 2248
Fax 205-278-9793

If you would like to enjoy the benefits of electronic invoicing, please email US17AR@eurofins com

$989.32

FSC 0263930006

Fisher Scientific
Part of Thermo Fisher Scientific

REMIT TO:
ACCT# 026393-002
P.O. BOX 404707
ATLANTA GA
30384-4707

INQUIRE AT:
(800) 955-5090
3970 JOHNS CREEK COURT
SUWANNEE GA
30024

D-U-N-S-00-432-1619
FEIN 23-2942757
ORIGINAL INVOICE

PLEASE REFER TO THIS INVOICE NUMBER ON YOUR REMITTANCE

CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE
2016-05	07/27/2016

2146557

ORDER NO.	ACCOUNT NO.	CSO	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
M62037473	026393-002	INT	SHIPPING POINT	07/22/2016	1	

SOLD TO:
METABIOTA INC
2-425 CALIFORNIS ST
SAN FRANCISCO CA 94104

SHIP TO:
METABIOTA
1051 SHEFFLER DR STE C
FOIA (b)(6)
CHAMBERSBURG PA 17201

INVOICE TYPE: MOR FON CON

THIS IS A PARTIAL SHIPMENT [X]

DUE: 08/26/2016
TERMS: NET 30 DAYS FROM INVOICE DATE.
PAYABLE IN U.S. CURRENCY.

Visit: www.fishersci.com

DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
FOIA (b)(6)				
SHIPMENT NBR: 009 FROM: VND ON: 07/25/2016				
2ML SC NTUBE CBS GWB ST/CS1000 VN00010080 72.694.006/CS1 SARSTEDT INC	50 809 242	4 CS	247.33	989.32

TOTAL INVOICE AMOUNT 989.32

FOR YOUR PROTECTION, OUR COMPANY DOES NOT ACCEPT CREDIT CARD NUMBERS VIA FAX OR EMAIL

TELL US ABOUT YOUR RECENT CUSTOMER SERVICE EXPERIENCE BY COMPLETING A SHORT SURVEY. THIS SHOULD TAKE NO LONGER THAN THREE MINUTES. ENTER THE LINK INTO YOUR BROWSER AND ENTER THE PASSCODE SHOWN.
http://survey.medallia.com/fishersci PASSCODE: USA-PGH-CS2

E-INVOICE @HTTPS://WWW.E-SCICOM.COM/THERMOFISHER/REGISTER.ASPX

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THE PRICES SHOWN ON THIS INVOICE ARE NET OF DISCOUNTS PROVIDED AT THE TIME OF PURCHASE. SOME PRODUCTS MAY BE SUBJECT TO ADDITIONAL DISCOUNTS AGREED UPON BETWEEN THE PARTIES.

B 1030.80

FSC 0263930006

Fisher Scientific
Part of Thermo Fisher Scientific

REMIT TO:
ACCT# 026393-002
P.O. BOX 404707
ATLANTA GA
30384-4707

INQUIRE AT:
(800) 955-5090
3970 JOHNS CREEK COURT
SUWANNEE GA
30024

D-U-N-S-00-432-1519
FEIN 23-2942737
ORIGINAL INVOICE

PLEASE REFER TO THIS INVOICE NUMBER ON YOUR REMITTANCE
2022542

CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE
2016-05	07/26/2016

ORDER NO.	ACCOUNT NO.	CSD	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
M62037473	026393-002	INT	SHIPPING POINT	07/22/2016	1	

SOLD TO:
METABIOTA INC
2-425 CALIFORNIS ST
SAN FRANCISCO CA 94104

SHIP TO:
METABIOTA
1051 SHEFFLER DR STE C
FOIA (b)(6)
CHAMBERSBURG PA 17201

INVOICE TYPE: NOR FON COM

THIS IS A PARTIAL SHIPMENT [ ]

DUE: 08/25/2016
TERMS: NET 30 DAYS FROM INVOICE DATE.
PAYABLE IN U.S. CURRENCY.

Visit: www.fishersci.com

DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
FOIA (b)(6)				
SHIPMENT NBR: 005 FROM: SED ON: 07/26/2016				
FB COMBINATION SPILL KIT	19 140 941 *	3 EA	123.49	370.47
PEN FINE-LINE WRITNG BLK 4/PK	13 382 50	4 PK	15.43	61.72
SHIPMENT NBR: 006 FROM: NED ON: 07/26/2016				
BLU NTRL PF EX GLV M 100PK	19 170 821	2 CS	80.70	161.40
LOT	DEFAULTLOT			
LOT	1180211850168			
SHIPMENT NBR: 007 FROM: VND ON: 07/26/2016				
VIRKON-S 10LB TUB	NC0480633	2 EA	98.96	197.92
VN00124896 VIRKON-S				
WESTERN CHEMICAL INC				
SHIPMENT NBR: 008 FROM: VND ON: 07/25/2016				
ETHIDIUM BROMIDE	15 585 011	1 EA	68.00	68.00
LOT	MS16F06048			
VN00008871 15585011				
LIFE TECHNOLOGIES				

MERCHANDISE SUBTOTAL	859.51
SHIPPING	83.82
NON CONTRACT SHIPPING	87.47
TOTAL INVOICE AMOUNT	1,030.80

FOR YOUR PROTECTION, OUR COMPANY DOES NOT ACCEPT CREDIT CARD NUMBERS VIA FAX OR EMAIL

(*) FOR YOUR REFERENCE, AN ASTERISK HAS BEEN PLACED BY THOSE ITEMS FOR WHICH MSDS(S) WILL BE PROVIDED UNDER SEPARATE COVER. CONTACT YOUR CUSTOMER SERVICE REPRESENTATIVE IF ADDITIONAL INFORMATION NEEDED.

TELL US ABOUT YOUR RECENT CUSTOMER SERVICE EXPERIENCE BY COMPLETING A SHORT SURVEY. THIS SHOULD TAKE NO LONGER THAN THREE MINUTES. ENTER THE LINK INTO YOUR BROWSER AND ENTER THE PASSCODE SHOWN.
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$1277.01

FSC 0263930006

Fisher Scientific
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REMIT TO:
ACCT# 026393-002
P.O. BOX 404707
ATLANTA GA
30384-4707

INQUIRE AT:
(800) 955-5090
3970 JOHNS CREEK COURT
SUWANNEE GA
30024

D-U-N-S-00-432-1519
FEIN 23-2942737
ORIGINAL INVOICE

PLEASE REFER TO THIS INVOICE NUMBER ON YOUR REMITTANCE
3345533

CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE
2016-05	08/12/2016

ORDER NO.	ACCOUNT NO.	CSO	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
M62037473	026393-002	INT	SHIPPING POINT	07/22/2016	1	

SOLD TO:
METABIOTA INC
2-425 CALIFORNIS ST
SAN FRANCISCO CA 94104

SHIP TO:
METABIOTA
1051 SHEFFLER DR STE C
FOIA (b)(6)
CHAMBERSBURG PA 17201

INVOICE TYPE: NOR FON CON

THIS IS A PARTIAL SHIPMENT [ ]

DUE: 09/11/2016
TERMS: NET 30 DAYS FROM INVOICE DATE.
PAYABLE IN U.S. CURRENCY.

Visit: www.fishersci.com

DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
FOIA (b)(6)				
SHIPMENT NBR: 013 FROM: EPD ON 08/12/2016				
SCRUB TOP SSL BL LG 60CS LOT	19 120 3038B 14140648G5	2 CS	64.40	128.80
SCRUB TOP SSL BL XL 60CS LOT	19 120 3038C 14140650F5	2 CS	64.40	128.80
SCRUB PANTS EW BL LG 60CS LOT	19 120 3039B 14140693J5	2 CS	80.05	160.10
SCRUB PANTS EW BL XL 60CS LOT	19 120 3039C 14140706L5	2 CS	80.05	160.10
PIPETTIP W/FILTER 1000UL 400PK	21 236 18C	1 CS	605.76	605.76
MERCHANDISE SUBTOTAL				1,183.56
SHIPPING				93.45
TOTAL INVOICE AMOUNT				1,277.01

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http://survey.medallia.com/fishersci PASSCODE: USA-PGH-CS2

E-INVOICE @HTTPS://WWW.E-SCICOM.COM/THERMOFISHER/REGISTER.ASPX

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$1595.93

amazon.com

Final Details for Order #107-0412256-0767420

Print this page for your records.

Order Placed: July 21, 2016
Amazon.com order number: 107-0412256-0767420
Order Total: $2,022.61

Shipped on July 23, 2016

Items Ordered	Price
5 of: *HP Multipurpose Ultra White, 20lb, 8 1/2" x 11", 96 Bright, 500 Sheets/1 Ream, (112000)* Sold by: recession prices (seller profile)	$8.99
Condition: New 1 of: *BIC Round Stic Xtra Life Ball Pen, Medium Point (1.0 mm), Black, 60-Count* Sold by: Amazon.com LLC	$4.00
Condition: New 1 of: *Smead Manila File Folder, 1/3-Cut Tab, Letter Size, Manila, 100 per Box* Sold by: Amazon.com LLC	$10.99
Condition: New 2 of: *Seagate Backup Plus Slim 1TB Portable External Hard Drive for Mac with Mobile Device Backup USB 3.0 (STDS1000100) (Certified Refurbished)* Sold by: PrimeDeal (seller profile) Condition: New This Certified Refurbished product is tested & certified by Seagate to work like-new. The product includes all original accessories, and is backed by a 90 day warranty.	$57.99

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Shipping Speed:
Standard Shipping

Item(s) Subtotal:	$175.92
Shipping & Handling:	$68.86
Total before tax:	$244.78
Sales Tax:	$1.67
Total for This Shipment:	**$246.45**

Shipped on July 22, 2016

Items Ordered	Price
1 of: *TOPS The Legal Pad Legal Pad, 8-1/2 x 11-3/4 Inches, Perforated, Canary, Legal/Wide Rule, 50 Sheets per Pad, 12 Pads per Pack (7532)* Sold by: Amazon.com LLC	$9.99
Condition: New 4 of: *14 Pack of Energizer AAAA Alkaline Batteries. Fits Streamlight Flashlights*	$7.92

1595.93

Sold by: Blue Donuts (seller profile)

Condition: New

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Shipping Speed:
Standard Shipping

Item(s) Subtotal:	$41.67
Shipping & Handling:	$10.45
Total before tax:	$52.12
Sales Tax:	$0.93
Total for This Shipment:	**$53.05**

Shipped on July 21, 2016

Items Ordered **Price**

2 of: *Dell Inspiron 15 5559 15.6-inch FHD Touchscreen Laptop (Intel Core Skylate i7-6500U, 16GB RAM, 1TB HDD, 4GB AMD Radeon R5 M335 Graphics, Windows 10)* $789.00
Sold by: Discounted Tech Store (seller profile)

Condition: New

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Shipping Speed:
Standard Shipping

Item(s) Subtotal:	$1,578.00
Shipping & Handling:	$17.93
Total before tax:	$1,595.93
Sales Tax:	$0.00
Total for This Shipment:	**$1,595.93**

Shipped on July 21, 2016

Items Ordered **Price**

2 of: *Sharpie Permanent Markers, Fine Point, Assorted Colors, 12 Pack* $10.73
Sold by: Amazon.com LLC

Condition: New

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Item(s) Subtotal:	$21.46
Shipping & Handling:	$12.43
Total before tax:	$33.89
Sales Tax:	$2.02

∴ 1595.93

Shipping Speed:
Standard Shipping

Total for This Shipment: $35.91

Shipped on July 21, 2016

Items Ordered **Price**

6 of: *HP v165w 64GB USB 2.0 Flash Drive - Blue - P-FD64GHP165-GE* $12.99
Sold by: Amazon.com LLC

Condition: New

Shipping Address:
DTRA CLS Warehouse
C/O FOIA (b)(6)
1051 SHEFFLER DR STE C
CHAMBERSBURG, PA 17201-4851
United States

Item(s) Subtotal:	$77.94
Shipping & Handling:	$8.17
Total before tax:	$86.11
Sales Tax:	$5.16
Total for This Shipment:	**$91.27**

Shipping Speed:
Standard Shipping

Payment information

Payment Method:
Visa | Last digits: 9033

Billing address
(b)(6)
425 California Street
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$1,894.99
Shipping & Handling:	$117.84
Total before tax:	$2,012.83
Estimated tax to be collected:	$9.78
Grand Total:	**$2,022.61**

Credit Card transactions

Visa ending in 9033: July 21, 2016:	$91.27
Visa ending in 9033: July 21, 2016:	$1,595.93
Visa ending in 9033: July 21, 2016:	$35.91
Visa ending in 9033: July 22, 2016:	$53.05
Visa ending in 9033: July 23, 2016:	$246.45

To view the status of your order, return to Order Summary.

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$5851.00

PROFORMA INVOICE

Number / Date
20159792 / September/21/2016

Ship to Address
NADDEC
CCA Headquarters Junction
Tunnel Road
ENTEBBE
UGANDA
UGANDA

Sold to Address
Metabi ta Inc
Suite 200
425 California St.
SAN FRANCISCO CA 94104
UNITED STATES
UNITED STATES

Bill-to Customer 317218

Net weight 15 600

Material ID Commodity/COO	Description Batch	Exp Date	Quantity Backorder item	UnitPrice	Total Value

Items total 5 676 00

Freight Value ~~175 00~~

Total amount USD 5,851.00

BANKING DETAILS
For : IDEXX LABORATORIES
Account name: HSBC bank (Johannesburg Branch)
Branch code: 587000
Account number: 121010896150
Swift code: HSBCZAJJ

Prepayment prior to Dispatch

Validity : 30 Days

Ex stock subject to prior sale

All local taxes at customer charge

IDEXX Terms & Conditions of Sale

$719465

FSC 0263930006

Fisher Scientific
Part of Thermo Fisher Scientific

REMIT TO:
ACCT# 026393-002
P.O. BOX 404707
ATLANTA GA
30384-4707

INQUIRE AT:
(800) 955-5090
3970 JOHNS CREEK COURT
SUWANNEE GA
30024

D-U-N-S-00-432-1519
FEIN 23-2942737
ORIGINAL INVOICE

PLEASE REFER TO THIS INVOICE NUMBER ON YOUR REMITTANCE

2735614

CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE
2016-05	08/04/2016

ORDER NO.	ACCOUNT NO.	CSO	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
M62037473	026393-002	INT	SHIPPING POINT	07/22/2016	1	

SOLD TO:
METABIOTA INC
2-425 CALIFORNIS ST
SAN FRANCISCO CA 94104

SHIP TO:
METABIOTA
1051 SHEFFLER DR STE C
FOIA (b)(6)
SAIC/DTRA CLS WHS
CHAMBERSBURG PA 17201

INVOICE TYPE: NOR FON CON

THIS IS A PARTIAL SHIPMENT ☐

DUE: 09/03/2016
TERMS: NET 30 DAYS FROM INVOICE DATE.
PAYABLE IN U.S. CURRENCY.

Visit: www.fishersci.com

DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
FOIA (b)(6)				
SHIPMENT NBR: 010 FROM: EPD ON	08/04/2016			
HAND TOWEL 1 PLY 800' 12 RL/CS	19 043 220	5 CS	124.20	621.00
BT IRON DUKE 15 POLY PR SZ5	19 920 153	1 PR	25.44	25.44
BT IRON DUKE 15 POLY PR SZ6	19 920 154	1 PR	25.44	25.44
BT IRON DUKE 15 POLY PR SZ7	19 920 155	3 PR	25.45	76.35
BT IRON DUKE 15 POLY PR SZ8	19 920 156	2 PR	25.45	50.90
BT IRON DUKE 15 POLY PR SZ10	19 920 158	3 PR	25.45	76.35
BT IRON DUKE 15 POLY PR SZ11	19 920 159	1 PR	25.44	25.44
SHIPMENT NBR: 011 FROM: VND ON	07/31/2016			
CRYO SHIPPER 50L VN00048993 LAB 50 LABREPCO INC	NC1141826	2 EA	1,613.33	3,226.66
SHIPMENT NBR: 012 FROM: EPD ON	08/04/2016			
COOLER 16QT EXCURSION BLU 4/CS LOT	22 131 508 NOB	4 CS	124.04	496.16
EPPENDORF EASYPET 3 W/SHLF STD	12 654 105 #	3 EA	371.07	1,113.21
SYR NS LUERLOK 10CC 850/CS RX LOT	14 823 16E 6117990	2 CS	146.00	292.00
SYR NS LUERLOK 10CC 850/CS RX LOT	14 823 16E 6117990	1 CS	146.00	146.00
LUNT FILL SYRING 18G 1000CS LOT LOT LOT	23 021 020 6028850 6055918 6055927	3 CS	208.29	624.87
				CONTINUED

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$7,194.63

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P.O. BOX 404707
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30384-4707

INQUIRE AT:
(800) 955-5090
3970 JOHNS CREEK COURT
SUWANEE GA
30024

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FEIN 23-2942737
ORIGINAL INVOICE

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CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE
2016-05	08/04/2016

2735614

ORDER NO.	ACCOUNT NO.	CSO INT	F.O.B. SHIPPING POINT	ORDER ENTRY DATE	PAGE	DUPLICATE
M62037473	826393-002			07/22/2016	2	

SOLD TO:

METABIOTA INC
2-425 CALIFORNIS ST
SAN FRANCISCO CA 94104

SHIP TO:

METABIOTA
1051 SHEFFLER DR STE C
FOIA (b)(6)
SAIC/DTRA CLS WHS
CHAMBERSBURG PA 17201

INVOICE TYPE: MDR FOR CON

THIS IS A PARTIAL SHIPMENT [ ]

DUE: 09/03/2016
TERMS: NET 30 DAYS FROM INVOICE DATE.
PAYABLE IN U.S. CURRENCY.

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DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
MERCHANDISE SUBTOTAL				6,799.82
HAZARDOUS MATERIAL CHARGE				22.75
SHIPPING				288.50
NON CONTRACT SHIPPING				91.56
TOTAL INVOICE AMOUNT				7,194.63
FOR YOUR PROTECTION, OUR COMPANY DOES NOT ACCEPT CREDIT CARD NUMBERS VIA FAX OR EMAIL				
(@) THERE IS A @22.75 HAZARDOUS MATERIAL HANDLING CHARGE.				
TELL US ABOUT YOUR RECENT CUSTOMER SERVICE EXPERIENCE BY COMPLETING A SHORT SURVEY. THIS SHOULD TAKE NO LONGER THAN THREE MINUTES. ENTER THE LINK INTO YOUR BROWSER AND ENTER THE PASSCODE SHOWN. http://survey.medallia.com/fishersci PASSCODE: USA-PGH-CS2				
E-INVOICE @HTTPS://WWW.E-SCICOM.COM/THERMOFISHER/REGISTER.ASPX				

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$ 10,999.72

FSC 0263930006

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P.O. BOX 404707
ATLANTA GA
30384-4707

INQUIRE AT:
(800) 955-5090
3978 JOHNS CREEK COURT
SUWANEE GA
30024

D-U-N-S-00-432-1519
FEIN 23-2942737
ORIGINAL INVOICE

PLEASE REFER TO THIS INVOICE NUMBER ON YOUR REMITTANCE
1902437

CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE
2016-85	07/25/2016

ORDER NO.	ACCOUNT NO.	CSO	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
M62037473	026393-002	INT	SHIPPING POINT	07/22/2016	1	

SOLD TO:
METABIOTA INC
2-425 CALIFORNIA ST
SAN FRANCISCO CA 94104

SHIP TO:
METABIOTA
1851 SHEFFLER DR STE C
FOIA (b)(6)
SAIC/DTRA CLS WHS
CHAMBERSBURG PA 17201

INVOICE TYPE: MDR FDN CON

THIS IS A PARTIAL SHIPMENT [ ]

DUE: 08/24/2016
TERMS: NET 30 DAYS FROM INVOICE DATE. PAYABLE IN U.S. CURRENCY.

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DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
FOIA (b)(6)				
SHIPMENT NBR: 001 FROM: EPD ON: 07/25/2016				
TIP ART 200UL STL WTRY 960/PK	21 236 1	1 CS	431.80	431.80
TIP ART REACH 10UL 960PK	21 236 35	1 CS	413.80	413.80
ALUMINUM FOIL 12IN 25FTALUMIN	01 213 100	5 EA	1.89	5.45
MCT M/S 1.5ML AST 500/PKMCT	05 408 137	2 PK	14.40	28.80
MCT M/S 2.0ML AST 500/PK	05 408 146	2 PK	15.20	30.40
CENT TBE ST PP RK 15ML 500/CS	05 539 5	2 CS	91.37	182.74
LOT	10316903			
CENT TBE ST PP RK 50ML 500/CS	05 539 6	2 CS	69.31	138.62
CRYOGENIC BX 81 COUNT 2ML 10CS	07 200 615	6 CS	123.81	742.86
CYLINDER WHITE LINE 100ML	08 555D	1 EA	11.12	11.12
2.0ML CRYOVIAL EXT THRD 100/PK	10 500 26	50 PK	27.45	1,372.50
2.0ML CRYOVIAL EXT THRD 100/PK	10 500 26	50 PK	27.45	1,372.50
RND BOTTM 96WELLPLATE NS 80/CS	12 565 500	3 CS	91.73	275.19
LOT	147347			
PIPET STER 2ML(0.01GRAD)500/CS	13 678 12C	1 CS	53.01	53.01
LOT	12216010			
PIPET STER 5ML(0.2GRAD)500/CS	13 678 12D	1 CS	61.44	61.44
LOT	18716037			
PIPET STER 25ML(0.2GRAD)200/CS	13 678 14B	1 CS	76.24	76.24
LOT	16816007			
FB BB TRANS PPT NS 5ML 500/PK	13 711 5AM	6 CS	102.20	613.20
LOT	16210616			
LOT	16190436			
				CONTINUED

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$ 10,999.72

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P.O. BOX 404707
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30384-4707

INQUIRE AT:
(800) 955-5090
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SUWANNEE GA
30024

D-U-N-S-00-432-1519
FEIN 23-2942737
ORIGINAL INVOICE

PLEASE REFER TO THIS INVOICE NUMBER ON YOUR REMITTANCE

CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE	
2016-05	07/25/2016	1902437

ORDER NO.	ACCOUNT NO.	CSO	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
M62037473	026393-002	INT	SHIPPING POINT	07/22/2016	2	

SOLD TO:
METABIOTA INC
2-425 CALIFORNIS ST
SAN FRANCISCO CA 94104

SHIP TO:
METABIOTA
1051 SHEFFLER DR STE C
FOIA (b)(6)
SAIC/DTRA CLS WHS
CHAMBERSBURG PA 17201

INVOICE TYPE: NOR FON CON

THIS IS A PARTIAL SHIPMENT [ ]

DUE: 08/24/2016
TERMS: NET 30 DAYS FROM INVOICE DATE. PAYABLE IN U.S. CURRENCY.

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DESCRIPTION		CATALOG NUMBER		QUANTITY SHIPPED	UNIT PRICE	AMOUNT
	LOT	16220469				
FB BB TRANS PPT NS 5ML 500/PK	LOT	13 711 5AM 16220469		1 CS	102.20	102.20
TIMER-DIGITAL 1EA		14 649 83		3 EA	11.12	33.36
234 MASKING TAPE 3/4INX 60		19 047 258		5 EA	5.34	26.70
SPECIMEN BAG 6X10 1000/CS		19 075 388D		2 CS	110.74	221.48
SPECIMEN BAG 6X10 1000/CS		19 075 388D		2 CS	110.74	221.48
LAB COAT MED EA		19 166 225		6 EA	14.75	88.50
BLU NTRL PF EX GLV S 100PK	LOT	19 170 820 1180211850168		2 CS	80.70	161.40
BLU NTRL PF EX GLV L 100PK	LOT	19 170 822 1180211850168		2 CS	80.70	161.40
RESERVOIR RGNT 100ML BLK100/CS		21 381 27A		1 CS	69.93	69.93
FISHERBRAND CONTAINR PHLEB 1QT	LOT	22 037 970 DEFAULTLOT		10 CS	24.30	243.00
VACUETT 4ML PULL CAP RED 50/PK	LOT	22 040 008 B16043AV	*	48 PK	5.92	284.16
BORIC ACID POWDER ACS 500G	LOT	A74 500 160490	*	2 EA	76.48	152.96
NUCLEASE FREE WATER 100ML	LOT	BP2484100 161474	*	2 EA	30.00	60.00
MEDIA BTL GS GL45 1000ML 10/CS		FB8001000		1 CS	45.38	45.38
FISHERBRAND ELITE 1-10UL		FBE00010		1 EA	143.25	143.25
FISHERBRAND ELITE 5-50UL		FBE00050		1 EA	143.25	143.25
FISHERBRAND ELITE 10-100UL		FBE00100		1 EA	143.25	143.25
						CONTINUED

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$10999.72

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3970 JOHNS CREEK COURT
SUWANEE GA
30024

D-U-N-S-00-452-1519
FEIN 23-2942737
ORIGINAL INVOICE

PLEASE REFER TO THIS INVOICE NUMBER ON YOUR REMITTANCE
1902437

CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE
2016-05	07/25/2016

ORDER NO.	ACCOUNT NO.	CSO INT	F.O.B. SHIPPING POINT	ORDER ENTRY DATE	PAGE	DUPLICATE
M62037473	026393-002			07/22/2016	3	

SOLD TO:
METABIOTA INC
2-425 CALIFORNIS ST
SAN FRANCISCO CA 94104

SHIP TO:
METABIOTA
1851 SHEFFLER DR STE C
FOIA (b)(6)
SAIC/DTRA CLS WHS
CHAMBERSBURG PA 17201

INVOICE TYPE: NOR FOR CON
THIS IS A PARTIAL SHIPMENT [ ]

DUE: 08/24/2016
TERMS: NET 30 DAYS FROM INVOICE DATE. PAYABLE IN U.S. CURRENCY.

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DESCRIPTION	CATALOG NUMBER		QUANTITY SHIPPED	UNIT PRICE	AMOUNT
FISHERBRAND ELITE 20-200UL	FBE00200		1 EA	143.25	143.25
FISHERBRAND ELITE 100-1000UL	FBE01000		1 EA	143.25	143.25
FISHERBRAND ELITE PIPET STAND	FBESTAND		12 EA	27.66	331.92
FB ALC PREP PAD ST 2PLY 200/PK	22 363 750	*	14 PK	2.50	35.00
LOT	S20151210				
SANITIZER ALCOSCRUB FOAM 32	12 544 105	*	2 EA	14.68	29.36
SANITIZER ALCOSCRUB FOAM 32	12 544 105	*	2 EA	14.68	29.36
SHIPMENT NBR: 002 FROM: SMV ON:	07/25/2016				
(ETHYLENEDINITRILO)TETR 500GR	AC409975000	*	2 EA	75.52	151.04
SHIPMENT NBR: 003 FROM: MMD ON	07/25/2016				
POLAR PAC GEL PACK 48/CS 12OZ	03 530 110		2 CS	14.47	28.94
LOT	NOB				
SHIPMENT NBR: 004 FROM: MMD ON	07/25/2016				
POLAR PAC GEL PACK 48/CS 12OZ	03 530 110		2 CS	14.47	28.94
LOT	NOB				
CYLINDER WHITE LINE 25ML	08 555B		1 EA	9.38	9.38
CYLINDER GRAD PYREXPLS 1L	08 562 10F		1 EA	81.51	81.51
RESEARCH PLUS 8-CH 10-100UL	13 690 048		1 EA	758.12	758.12
0.25ML PCR 8 TB FCAP NT 250CS	14 230 215		8 CS	102.95	823.60
TRIS BASE 500G	BP152 500	*	2 EA	24.91	49.82
LOT	157995				
MERCHANDISE SUBTOTAL					10,754.86
SHIPPING					242.16
SHIPPING-FUEL SURCHARGE					2.70
					CONTINUED

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$ 10999.72

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CUSTOMER PURCHASE ORDER NUMBER - RELEASE NUMBER	INV DATE	
2016-05	07/25/2016	1902437

ORDER NO.	ACCOUNT NO.	CSO	F.O.B.	ORDER ENTRY DATE	PAGE	DUPLICATE
M62037473	026393-002	INT	SHIPPING POINT	07/22/2016	4	

SOLD TO:
METABIOTA INC
2-425 CALIFORNIS ST
SAN FRANCISCO CA 94104

SHIP TO:
METABIOTA
1051 SHEFFLER DR STE C
FOIA (b)(6)
SAIC/DTRA CLS WHS
CHAMBERSBURG PA 17201

INVOICE TYPE: NOR FON CON

THIS IS A PARTIAL SHIPMENT

DUE: 08/24/2016
TERMS: NET 30 DAYS FROM INVOICE DATE.
PAYABLE IN U.S. CURRENCY.

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DESCRIPTION	CATALOG NUMBER	QUANTITY SHIPPED	UNIT PRICE	AMOUNT
TOTAL INVOICE AMOUNT				10,999.72

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(*) FOR YOUR REFERENCE, AN ASTERISK HAS BEEN PLACED BY THOSE ITEMS FOR WHICH MSDS(S) WILL BE PROVIDED UNDER SEPARATE COVER. CONTACT YOUR CUSTOMER SERVICE REPRESENTATIVE IF ADDITIONAL INFORMATION NEEDED.

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http://survey.medallia.com/fishersci PASSCODE: USA-PGH-CS2

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$ 32,482.34

Metabiota Inc.

425 California St, Suite 200
San Francisco, CA 94104
Phone: (415) 398-4712
Fax: (415) 398-4716
Email: invoices@metabiota.com

PURCHASE ORDER

DATE ORDER Opended:	7/25/16
DATE ORDER Authorized:	
Country:	United States
P.O. #:	
Project:	AEP TD-022
GL Charge Code:	5020

Quote # 6204-8357-44

Fisher Scientific Company LLC
3970 Johns Creek Court
Suite 500
Suwanee GA 30024-1297

DTRA CLS Warehouse
c/o FOIA (b)(6)
SAIC
1051 Sheffler Drive, Suite C
Chambersburg, PA 17201

FOIA (b)(6)	Intl Freight/Cartage	

1	1	Superscipt III Platinum One Step qRT-PCR kit	11732088	1	$1,816.00	$ 1,816 00
2	1	Pipete tips 20 µl	13811117	1	$335.66	$ 335 66
3	1	Pipete tips 100µl	2682267	1	$83.11	$ 83.11
4	1	Agarose	PI17852	1	$641.11	$ 641.11
5	1	RNA Later	AM 7020	3	$131.58	$ 394 74
6	1	DNA ladder (1kb) Gene Ruler	FERSM0313	1	$169.83	$ 169 83
7	2	Superscipt III Platinum One Step qRT-PCR kit	11732088	1	$1,911.58	$ 1,911 58
8	2	RNA Later	AM 7020	1	$131.58	$ 131 58
9	2	RNA Later	AM 7021	4	$406.32	$ 1,625 28
10	2	GeneRuler 100 bp DNA ladder	FERSM0243	1	$182.04	$ 182 04
11	2	DNA Gel Loading Dye (6X)	FERR0611	5	$30.03	$ 150 15
12	2	Agarose	PI17852	1	$641.11	$ 641.11
13	2	DNA ladder (1kb) Gene Ruler	FERSM0313	1	$131.19	$ 131 19
14	3	ABTS	PI37615	2	$95.90	$ 191 80
15	3	Pierce™ Recombinant Protein A/G	PI21186	2	$349.43	$ 698.86
16	2	EDTA	15 576 028	1	$110.53	$ 110 53
					SUBTOTAL	$ 9,214 57
					Container/Ice Charges	$ 33 00
					Fuel Surcharge	$ 2.70
					FREIGHT	$ 390 00
					Exp packaging	
					Exw	
					TOTAL	$ 9,640.27

FOIA (b)(6)

25 July 2016
Date

7/25/2016
Date

DocuSigned by:
FOIA (b)(6)
Controller 513C54CB

Please send invoice directly to invoices@metabiota.com for payment.

$1640.27 + 6964.68 + 5877.39
= $32,482.34

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$32,482.34

Metabiota Inc.

425 California St, Suite 200
San Francisco, CA 94104
Phone: (415) 398-4712
Fax: (415) 398-4716
Email: invoices@metabiota.com

PURCHASE ORDER

DATE ORDER Opended:	7/19/16
DATE ORDER Authorized:	
Country:	United States
P.O. #:	
Project:	AEP TO-022
GL Charge Code:	5020

Quote # 6200-8231 89
6200-8232-46 (items 55-60)

Fisher Scientific Company LLC
3970 Johns Creek Court
Suite 500
Suwanee GA 30024-1297

DTRA CLS Warehouse
c/o FOIA (b)(6)
SAIC
1051 Sheffler Drive, Suite C
Chambersburg, PA 17201

FOIA (b)(6)	Intl Freight/Cartage	

1	2	Alumium foil	01 213 100	5	$1.09	$ 5 45
2	2	Red Biohazard Autoclavable bags.	01 831A	10	$85.82	$ 858 20
3	2	Pipette tips ART 100E 1 - 100 µL	02 682 262	2	$415 55	$ 831 10
4	2	Hand sprayer bottles.	03 405	5	$23.90	$ 119 50
5	2	Ice packs	03 530 110	2	$14.47	$ 28 94
6	2	Washing brushes. Plastic material	03 576	1	$9.57	$ 9 57
7	2	Eppendorf 1.5 mL Safe-Lock tubes.	05 408 129	4	$13.58	$ 54 32
8	2	cryoboxes	07 200 615	6	$97.99	$ 587.94
9	2	Crygenic vials, 2.0 ml capacity	10 500 26	10	$27.45	$ 274 50
10	2	U-bottomed 96-well microtitre plates	12 565 500	3	$91.73	$ 275.19
11	2	Permanent Marking Pens Blue tip. Broad tip	13 382 52	1	$85.32	$ 85 32
12	2	1ml Sterile Serological Pipettes	13 678 12B	1	$80.82	$ 80 82
13	2	5ml Sterile Serological Pipettes	13 678 12D	1	$61.44	$ 61 44
14	2	10ml Sterile Serological Pipettes	13 678 12E	1	$67.60	$ 67.60
15	2	50ml Sterile Serological Pipettes	13 678 14C	1	$105.39	$ 105 39
16	2	Pasteur pipettes, 3 mL	13 711 20	3	$28.54	$ 85 62
17	2	Disposable transfer pipettes, 8 mL bulb	13 711 30	3	$22.35	$ 67 05
18	2	Pipette tips: ART 200,1 200ul	13 811 124	2	$370.60	$ 741 20
19	2	Parafilm	13-374-12	1	$36.74	$ 36 74
20	2	Reagent reservoirs	14 222 415	4	$160.03	$ 640 12
21	2	PCR Tubes. 0 2 ml	14 230 205	3	$25.34	$ 76 02
22	2	Sodium Hypochlorite (Bleach / JIK) 750 ml	14 412 66	2	$59.45	$ 118 90
23	2	Portable Sharps containers	14 827 122	1	$82.80	$ 82 80
24	2	Needles 23 gauge.	14 840 88	15	$5.31	$ 79 65

DocuSign Envelope ID: 4BD1CF72-A0AC-4325-B3F9-DD09BFA9A4C1

25	2	Syringe 5cc	14 841 46	15	$16.85	$	252.75
26	2	Swab Sticks (Dacron).	14 906 50	15	$75.04	$	1,125.60
27	2	Sample bags	14 955 189	1	$29.55	$	29.55
28	2	Tape White	15 901 20 A	1	$18.50	$	18.50
29	2	Tape Green	15 901 20 C	1	$18.35	$	18.35
30	2	Tape Blue	15 901 20 G	1	$1,835.00	$	1,835.00
31	2	Tape Red	15 901 20E	1	$18.35	$	18.35
32	2	Autoclave tape	15 904	5	$3.67	$	18.35
33	2	Ethidium Bromide 10 mg/mL	15 585 011	1	$78.50	$	78.50
34	2	Nitrile Powder Free Exam Gloves	19 041 172C	1	$81.50	$	81.50
35	2	Nitrile Powder Free Exam Gloves	19 041 172D	1	$81.50	$	81.50
36	2	Nitrile Powder Free Exam Gloves	19 041 172D	1	$81.50	$	81.50
37	2	Paper towels	19 043 220	9	$124.20	$	1,117.80
38	2	Heavy duty gloves	19 045108	1	$122.95	$	122.95
39	2	Masking tapes	19 047 258	5	$5.34	$	26.70
40	2	Liquid soaps	19 080230	2	$21.88	$	43.76
41	2	Lab Coats Size, M(38 40)	19 166 225	5	$14.75	$	73.75
42	2	Lab Coats Size L(42 44)	19 166 226	5	$14.75	$	73.75
43	2	Sperianl™ One Fit™ N95 Particulate Respirators	19 171 134	2	$102.47	$	204.94
44	2	Pipette tips ART 1000E,100 1000ul	21 236 18C	2	$605.76	$	1,211.52
45	2	Pipette tips ART 10reach,0.1 10ul	21 236 35	2	$413.80	$	827.60
46	2	Portable Sharps containers	22 037 970	3	$24.30	$	72.90
47	2	Vacutainers Red top (Plain/no haemostat)	22 040 008	24	$5.92	$	142 08
48	2	Ice box (15lt)	22 131 508	2	$124.04	$	248 08
49	2	Adhensive lab labels.	50 327 26	1	$99.50	$	99 50
50	2	Distilled water. Analytical grade,	91 805	4	$64.18	$	256 72
51	2	Glass beakers. 500mL capacity	FB100600	1	$19.78	$	19 78
52	2	Glycerol	G33 500	2	$22.02	$	44 04
53	2	CRYOGENIC GLOVES	NC9413020	1	$234.29	$	234.29
54	2	Liquid Nitrogen Dry Shipper	NON CATALOG	1	$1,613.33	$	1,613 33
55	2	Nalgene Cryoware Marker set.	13 382 50	1	$15.34	$	15 34
56	2	10X TAE buffer	15 558 026	1	$125.00	$	125 00
57	2	alcohol pads	22 363 750	7	$5.78	$	40.46
58	2	Absolute Alcohol. Analytical grade 99.9%	HC 1000 1GL	2	$49.68	$	99 36
59	2	Disinfectants (Ethanol 70%).	BP2818 500	1	$216.00	$	216 00
60	2	Permanent Lab markers Marking Pens Black wide tip. Fine tip	13 383	2	$19.17	$	38 34
					SUBTOTAL	$	15,980.82
					FREIGHT	$	945.52
					Exp packaging		
					Exw		
					TOTAL	$	16,964.68

32,482 34

9,640.27 + 16,964.68 + 5877.39

= 32,482.34

19 July 2016

Date

(b)(6)

AEP Deputy Director

7/20/2016

Date

DocuSigned by:

(b)(6)

Controller

Please send invoice directly to invoices@metabiota.com for payment.

DocuSign Envelope ID 4BD1CF72-A0AC-4325-B3F9-DD09BFA9A4C1

Metabiota Inc.
425 California St, Suite 200
San Francisco, CA 94104
Phone: (415) 398-4712
Fax: (415) 398-4716
Email: invoices@metabiota.com

PURCHASE ORDER $32,482.34

DATE ORDER Opended:	7/19/16
DATE ORDER Authorized:	
Country:	United States
P.O. #:	
Project:	AEP TD-022
GL Charge Code:	5020

Quote # 6200-8232-19
6200-8232-46 (item 23)

Fisher Scientific Company LLC
3970 Johns Creek Court
Suite 500
Suwanee GA 30024-1297

DTRA CLS Warehouse
c/ (b)(6)
SAIC
1051 Sheffler Drive, Suite C
Chambersburg, PA 17201

FOIA (b)(6)	Intl Freight/Cartage	

1	3	Tips, 200ul, ART	212361	3	$431.80	$ 1,295 40
2	3	Tips, 10ul, ART	2123635	1	$416.80	$ 416.80
3	3	Tips, 1000ul, ART	2140303	1	$367.44	$ 367.44
4	3	Polypropylene Microtiter Tubes	02-681-383	2	$49.34	$ 98 68
5	3	Centrifuge tubes, 15ml	05 527 90	1	$175.85	$ 175 85
6	3	Paper Towel, KimWipes	06 666 11C	1	$1,114.55	$ 1,114 55
7	3	Kimwipes	06 666 1A	1	$82.89	$ 82 89
8	3	Pipettes, serological, 25ml	07 200 575	1	$190.54	$ 190.54
9	3	Cryovials, 2.0ml	10 500 26	15	$27.45	$ 411 75
10	3	Pipettes, serological, 5ml	13 675 20	1	$81.81	$ 81 81
11	3	Pipettes, serological, 10ml	13 675 22	1	$85.40	$ 85.40
12	3	Plates, Costar, ELISA Coating	14 245 140	2	$186.54	$ 373 08
13	3	Centrifuge tubes, 50ml	14 432 22	1	$244.48	$ 244.48
14	3	PPE, Gloves, Small	19 170 820	1	$80.70	$ 80 70
15	3	PPE, Gloves, medium	19 170 821	1	$80.70	$ 80 70
16	3	PPE, Gloves, large	19 170 822	1	$80.70	$ 80.70
17	3	Wypall paper towels	19-413-026	1	$72.26	$ 72 26
18	3	Microtiter Tube Plug Strip	21 403 159	2	$102.35	$ 204 70
19	3	Glycerol	BP2291	1	$79.62	$ 79 62
20	3	Tween-20	BP337 100	1	$16.79	$ 16.79
21	3	Milk, Skim, Cow	DF0032 17 3	1	$26.47	$ 26.47
22	3	PBS, Ca/Mg free, 10X	SH3026401	10	$5.89	$ 58.90
23	3	Triton X-100	BP151 100	1	$19.40	$ 19.40

SUBTOTAL	$	5,658.91
FREIGHT	$	218 48
Exp packaging		
Exw		
TOTAL	$	5,877.39

$9640.27 + 16964.68 = 5877.39$

$= \$32\,42^{34}$

DocuSign Envelope ID: 4BD1CF72-A0AC-4325-B3F9-DD09BFA9A4C1

19 July 2016
Date

(b)(6)
AEP Deputy Director

7/20/2016
Date

(b)(6)
Controller
[redacted]13C54CB

Please send invoice directly to invoices@metabiota.com for payment.

Gmail

(b)(6)

Your Sunday afternoon trip with Uber

1 message

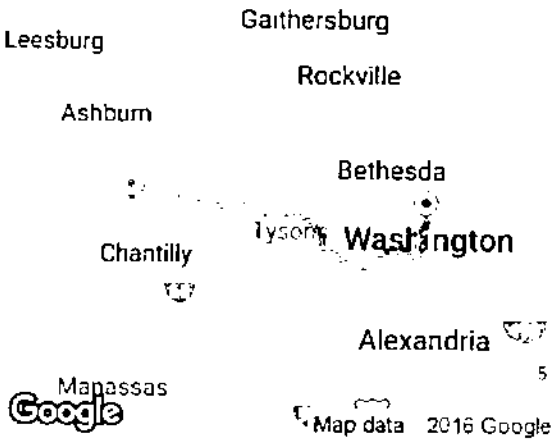
Uber Receipts <uber.us@uber.com>
To (b)(6)

Sun, Sep 4, 2016 at 5:24 PM

SEPTEMBER 4, 2016

$43.18

FOIA (b)(6)



FARE BREAKDOWN

Trip fare	43.18
Subtotal	**$43.18**
CHARGED Personal •••• 4225	**$43.18**

- 04:44pm
  1 Saarinen Cir Sterling VA
- 05:23pm
  1857 Ingleside Terrace NW
  Washington DC

uberX 29.25 00:38:48

(b)(6)

You rode with BENDOT

$43.18 + 53.14 = 96.32

Gmail

(b)(6)

Your Friday afternoon trip with Uber

1 message

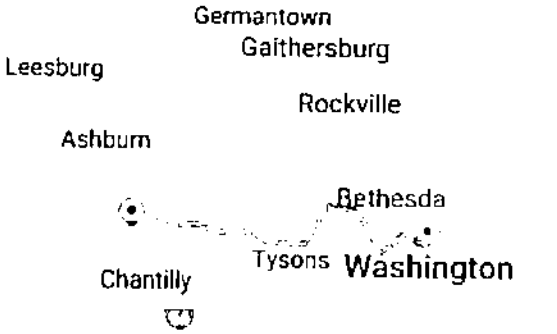
Uber Receipts <uber.us@uber.com>
To: (b)(6)

Fri, Aug 19, 2016 at 3:16 PM

AUGUST 19, 2016

$53.14

FOIA (b)(6)



FARE BREAKDOWN		
Trip fare		63.14
Subtotal		**$63.14**
	Promotion	-10.00
CHARGED		
Personal •••• 4225		**$53.14**

02:24pm

03:11pm
1 Seamen Cir, Sterling, VA

uberX	28.12	00:47:53

(b)(6)

You rode with CEGELIA

-+3.[illegible] + 53.14 96.32

ALPHA & OMEGA TOURS AND TRAVEL LTD.

$900.00

P O BOX 16038 Wandegeya
Tel +256 772 509798 / 0772 380148 /0772508322
Email alom@infocom co ug

No.

INVOICE

M/s (b)(6)
(b)(6)

Date	3 SEP 16
Del. No.	

Qty	Particulars	Rate	Amount
	Payment for Transportation in a Landcruiser.		
	- Previous Balance 3 days in Entebbe	$ 50	$ 150
	- Entebbe from 21 - 26 Aug ie 6 Days	$ 50	$ 300
	- Entebbe To Kasese 27 Aug - 3 Sep ie 8 Days.	$ 75	$ 600
	E. & O.E		
	1050 USD.	TOTAL	$ 1050

Account
Name (b)(6)

Signature (b)(6)

$900.00

900.00 + 431.70 + 30.00 + 30.00 + 30.00 + 30.10 + 36.06
+46.49 + 66.00 + 57.00
= $1,686.85

$431.20

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY
OF THE TRAVELER.

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone (301) 948-2448

METAPHOTRON@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	Z3557K
Invoice No.:	80233	**Agent:**	(b)(6)
Issue Date:	Wednesday, August 10, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

- If you would like to view your reservation online with Check My Trip Click Here
- For Aircraft Disinsection Requirements Click Here

AIR - Sunday August 21 2016

Kenya Airways Flight KQ410 Economy Class

Check In Confirmation.
Z3557K *(*30 Hours Prior)*

Depart:	6 55 AM, Sunday August 21 Jomo Kenyatta Intl Arpt Terminal 1A Nairobi, Kenya	**Arrive:**	8 15 AM, Sunday August 21 Entebbe Intl Airport Entebbe, Uganda
Status:	Confirmed		
Booking Code:	E (Economy)		
Equipment:	Boeing 737-800	**Stops:**	Non-stop
Duration:	1 hours 20 minutes	**Seat:**	21C (Non smoking Aisle) Confirmed
Meal:	Meal		

Weather | Flight Status *(up to 3 days prior)*

AIR - Saturday September 3 2016

Kenya Airways Flight KQ417 Economy Class

Check In Confirmation.
Z3557K *(*30 Hours Prior)*

Depart:	9 40 PM Saturday September 3 Entebbe Intl Airport Entebbe Uganda	**Arrive:**	10 50 PM Saturday, September 3 Jomo Kenyatta Intl Arpt Terminal 1C Nairobi Kenya
Status:	Confirmed		
Booking Code:	E (Economy)		
Equipment:	EMBRAER 190	**Stops:**	Non-stop
Duration:	1 hours 10 minutes	**Seat:**	19C (Non smoking Aisle) Confirmed
Meal:	Meal		

Weather | Flight Status *(up to 3 days prior)*

Invoice Details

900.00 + 431.20 + 30.00 + 30.00 + 30.00 + 10.00 + 36.06
+ 46.49 + 66.00 + 7.00
= $1,686.85

Transaction / Document		Base	Tax	Total
Kenya Airways / 706 7897868790		220 00	211 20	431 20
		Form of Payment VI XXXXXXXXXXXXX9033		
Processing Fee / 890 0686386950		43 00		43 00
		Form of Payment VI XXXXXXXXXXXXX9033		
	Totals:	263 00	211 20	USD 474 20

Total Charged to Credit Card: USD 474 20
Balance Due: USD 0 00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage charges may apply Baggage allowance specific size and weight restrictions vary between airlines Please visit the airline's website or contact the airline directly for details

- Kenya Airways

Important Information

• Your reservation number with Kenya Airways is Z3557K

• –IMPORTANT CHANGE IN OBTAINING KENYAN VISAS–

• –ALL KENYAN ENTRY VISAS MUST BE OBTAINED THROUGH AN ONLINE APPLICATIONS PROCESS PRIOR TO DEPARTURE PLEASE VISIT WWW.ECITIZEN.GO.KE FOR VISA PROCESSING –

• Baggage charges may apply For more info Please visit
• kenya airways-www.kenya-airways.Com
baggage allowance-Specific size/weight restrictions vary between airlines. Excess charges may apply if exceeded

• Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding.

• A valid passport is required for your journey. Passport must be valid at least 6 months beyond intended stay

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points They must fit in one quart sized clear plastic zip-top bag. Visit www.tsa.gov.

• –TRAVEL ADVISORY ISSUED FOR Kenya -- -- See website http://travel.state.Gov to view details –

• This is an electronic ticket valid only on issuing airline.

• Passport and Etkt itinerary required for check in. Boarding passes required prior to entering security

• Freq. Flyer nbr for Kenya airways not provided please provide at check in.

• View your itinerary at www.checkmytrip.Com use your last name and trip locator Z3557K

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service.
• Emergency travel assist collect in Kenya/Uganda 416 928-5404.

Invoice No: 80233

access more

For Aircraft Disinsection Requirements. http //ostpxweb.dot.gov/policy/safetyenergyenv/disinsection htm

Sent To

CASH SALE

$30

SHAKA COMPANY LTD.

NATEETE SERVICE STATION

TOTAL

P. O. Box 3079, Kampala. Tel: 0772 488 627

No..... Date: 6/8/16

Ms.....

Address.....

Vehicle No. UAL 860A Order No.....

	LITRES	RATE	SHS.
PETROL			
DIESEL		2700	100.000
GAS OIL			
KEROSENE			
OIL			
L. P. G.			

100,000/-

900.00 + 431.20 + 30.00 [illegible] + 30.00 + 30.00 + 36.04 + 46.49 [illegible]

= 1,686.85 [illegible]

$30

100.000/-

P O Box 8323 K
0752 212340
0772 32

VAT No. 46580-E
TIN 10000-34331

RECEIPT / INVOICE

Date 26.....

BUGOLOBI SERVICE STATION

M/s .....

Vehicle No UAL 866A ...Order No.....

LITRES	PRODUCT	SHS.
	SHELL DIESOLINE EXTRA	100,000
	UNLEADED EXTRA	
	V.POWER	
350	HYDRAULIC OIL	
	SPIRAX C.G 90 140	
	DONAX / REFINAX . B/FUID	
	DEIONISED WATER / ACID	
	WHEEL ALIGNMENT	
	BALANCING	100,000
	GREASE SPRAY	
	SUPER MOTOR OIL	
	TUBE TYRES	
	HELIX	
	FILTER OIL, FUEL, POINTS	
	CONDENSER PLUGS	
	MIXED ACID	
	BATTERY	$35
	GAS	100,000
	CAR SERVICING	

$100.00 + 43.00 + 30 + 30 + 30 + 30 + 30

36.06 + 46.49 + 166.00 + 37.00

= 1,686.85

Signed

A.M.I SERVICES LTD.

C/O TOTAL ENTEBBE SERVICE STATION
OPERATOR FOR TOTAL UGANDA LIMITED
P.O. BOX 309, ENTEBBE. TEL: +256 414 320096

TIN. 1000134234

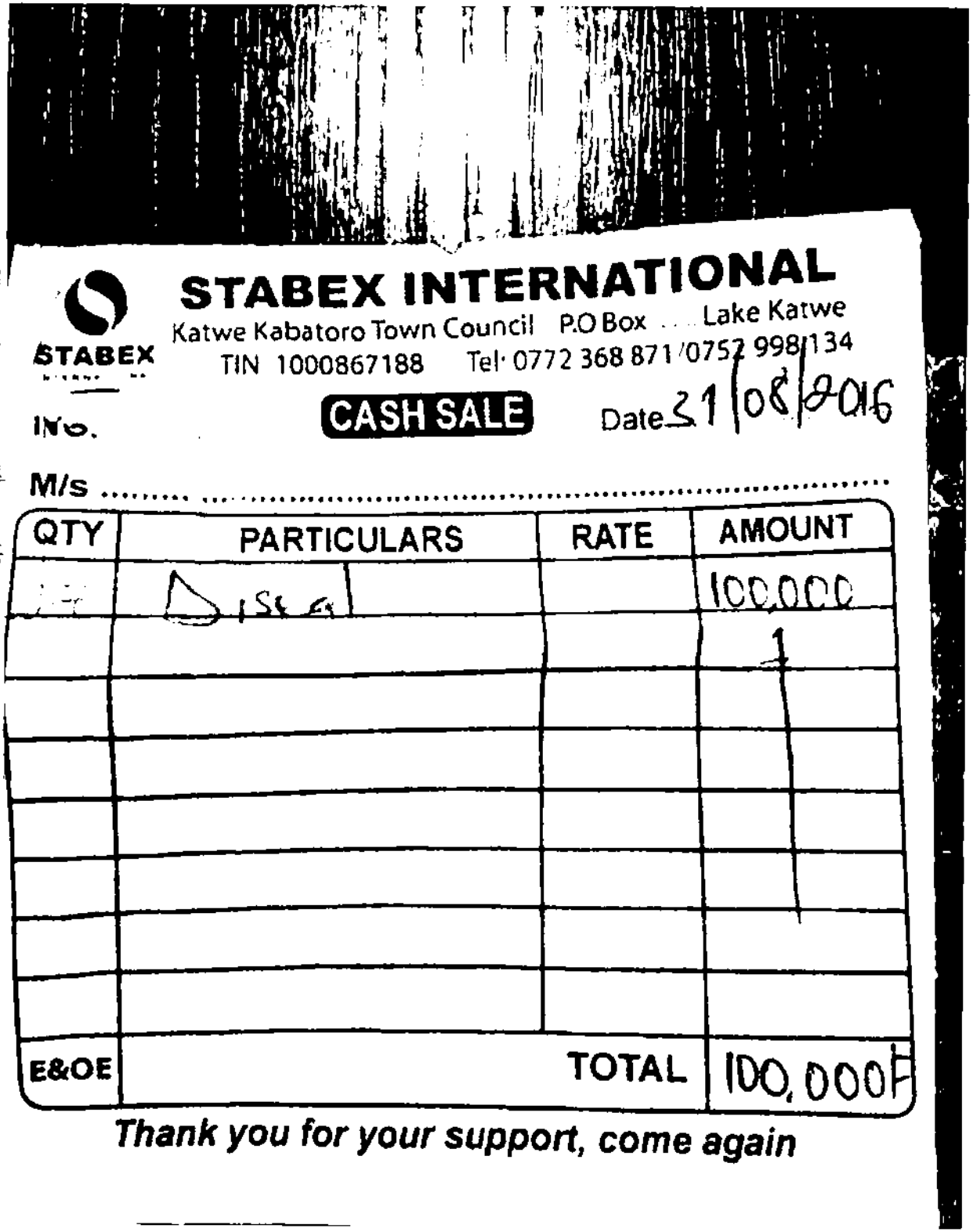
TOTAL

M/S CASH.	**CASH SALE**
Address:	No.
Vehicle No. UAL-860A	Date: 24/Aug/16

ITEM	QTY	RATE	AMOUNT
TOTAL SUPER	35.	2850	100.000 F
TOTAL GAS OIL			
TOTAL OIL			
TOTAL GAZ			
GAZ ACCESSORIES			
$900^{00} + 431^{20} + 30^{00} + 30^{00} + 30^{00} + 30^{00} + 30^{00}$	10		
$+ 316^{06} + 46.49 + 160^{00} + 57^{00}$			
FUEL EXEMPT OF VAT		TOTAL	100.000 F

$= 1,686.^{85}$

30$



STABEX INTERNATIONAL

Katwe Kabatoro Town Council P.O Box .... Lake Katwe
TIN 1000867188 Tel: 0772 368 871 /0757 998 134

CASH SALE Date 21/08/2016

No.

M/s .....

QTY	PARTICULARS	RATE	AMOUNT
	Disc		100,000
E&OE		TOTAL	100,000F

Thank you for your support, come again

A.M.I SERVICES LTD.

C/O TOTAL ENTEBBE SERVICE STATION
OPERATOR FOR TOTAL UGANDA LIMITED
P.O. BOX 309, ENTEBBE. TEL: +256 414 320096

TIN. 1000134234

TOTAL

M/S CASH.	**CASH SALE**
	No.
Address:	
Vehicle No. UAL-860A	Date: 24/Aug/16

ITEM	QTY	RATE	AMOUNT
TOTAL SUPER	35.	2850	100.000 F
TOTAL GAS OIL			
TOTAL OIL			
TOTAL GAZ			
GAZ ACCESSORIES			
FUEL EXEMPT OF VAT		TOTAL	100.000 F

[redacted]

900.00 + 431.20 + 30.00 + 30.00 + 30.00 + 30.00 + 30.10

136.06 + 46.49 + 66.00 + 57.00

= $1,686.85

8 36.06

No.

CASH SALE / INVOICE

TIN No. 1000023730

PETROCITY ENTERPRISES (U) LTD.

P.O. BOX 16112
KAMPALA

Date: 28/8/16

M/s.....

Address:.....

Vehicle No. UAL 860A

LITRES	DESRIPTION	RATE	TOTAL
	PETROL SUPER		
45.52	PETROL DIESEL		12,000
	PETROL KEROSENE		
E&O.E	TOTAL		

12,000

All accounts are due on dem[redacted]

Signature.

(g)(q)

$900^{00} + 431^{20} + 30^{00} + 30^{00} + 30^{00} + 30^{00} + 30^{10}$
$+ 36^{06} + 46^{49} + 66^{00} + 57^{00}$
$= \$1,686.85$

36.06

 $46.49

Gmail

(b)(6)

Your Sunday afternoon trip with Uber

1 message

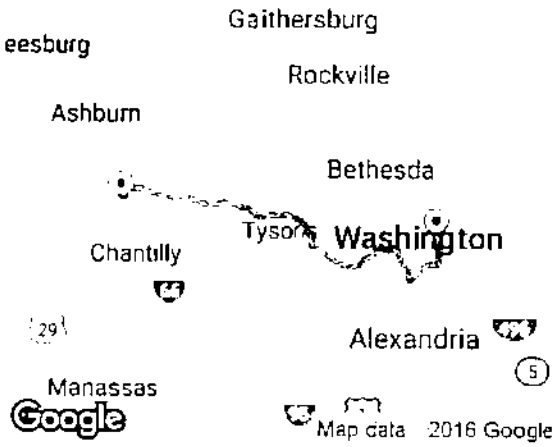
Uber Receipts <uber.us@uber.com>
To: (b)(6)

Mon. Sep 5. 2016 at 12:28 AM

SEPTEMBER 4 2016

$46.49

FOIA (b)(6)



04:43pm
1 Saarinen Cir Sterling VA

05:27pm
150-186 S St NW Washington DC

uberX	31 89	00 43:52

(b)(6)

You rode with Sayed

FARE BREAKDOWN

Base Fare	1 15
Distance	32 53
Time	7 46
Subtotal	**$41.14**
Booking Fee (?)	**1.35**
IAD Airport Surcharge (?)	**4 00**

CHARGED
Personal •••• 9033 **$46.49**

900.00 + 431.10 + 30.00 - 30.00 + 30.00 - 30.00 + 30.00 + 36.06 + 46.49 + 57.00 + 66.00 = 1,688.85

SHELL BULENGA SERVICE STATION

Shell

P.O.Box 243, Mubende, Tel: 0772 424 002 / 0702 427 089

No. | **RECEIPT** | Date 10/05/14

M/s .....

Vehicle No. UAL 860A

LITRES	PRODUCT	SHS.
	SHELL DIESOLINE	220000
	SHELL SUPER PLUS	
	PETROL	
	V - POWER	
	KEROSENE	
	SHELL RIMULA	
	HYDRAULIC OIL	
	SPIRAX CC 90, 140	
	FELIX STANDARD	
	DONAX / REFINAX - B / FLUID	
	DEIONISED WATER / ACID	
	GREASE SPRAY	
	WHEEL ALIGNMENT	
	FILTER, OIL, FUEL, POINTS	
	TYRES	
	CAR WASHING	
	LABOUR	
	AIR TIME	
700.00+431.20	LPG GAS	
+30.00+30.00+30.00+30.00+30.10	TOTAL	220000

+36.06+46.49+16.00+57.00

Amount in Words .....

=$1,686.85

1,686

Signature: .....

(b)(6)

GAZ

NILE ENERGY LTD

GAZ House, Plot 2 Kireka Road Kampala - Uganda
P.O. Box 34308 Kampala Tel +256-0414 237940 Fax 0414-237667

TIN: 1000175257

KASESE

No.

TAX / CASH SALE

Date 2/9/016

M/s WAL 860 A

Description	Qty	Rate	Amount
PMS			190000
AGO	73.36	2590	
BIK			
OTHER			
E.&O.E — Thank You come again		TOTAL	190000

190000

$900.0 + 431.20 + 30.00 + 30.00 + 30.00 + 30.00 + 30.00 + 36.06 + 46.49 + 66.00 57.00 − $1,686.85

$57

TD 023 One Health Epidemiology Short Course – South Africa

Objectives
Increase the operational biosafety and bio-surveillance capacity through the development of a One Health Epidemiology short course tailored to the needs of South Africa. Increase the sustainability of the course work through development of a train the trainer module to be delivered to select South African trainers of the short course.

Period of Performance: 3/21/16 – 11/15/16

CLIN 1002 – Labor

Program Manager:
Metabiota Africa Regional Program Manager, (b)(6) provided programmatic oversight throughout this period and was responsible for leading all communications with DTRA CBEP as well as programmatic communications for the internal project team. He led regular bi-weekly communication with DTRA CBEP. (b)(6) additionally worked with Metabiota PC (b)(6) to progressively elaborate the project schedule in an effort to reflect input from project SME's in real-time. (b)(6) also led a 60% review of progress meeting during the day of 09/15/2016 and provided transparency on the status of the project. (b)(6) also worked with DTRA CBEP during this meeting to identify a final deliverables submission and review schedule.

Research and Data Analyst:
Metabiota Project Coordinator (b)(6) provided communication support during all engagements with DTRA CBEP and the Ugandan stakeholders by participating in project calls.
Metabiota Epidemiologist (b)(6) also represented by this labor category, provided technical support towards the development and adaptation of materials and contributed to the development of the 30% review response. She participated in technical and programmatic communication calls with project staff, and provided infectious disease expertise towards the overall project approach as well as the delineation between advanced and basic course work. She also reported regularly to the PM and provided an explanation of weekly production for submission to DTRA CBEP representation.

Subject Matter Expert
Metabiota Staff Scientist (b)(6) provided technical leadership and overall product development guidance towards the development and adaptation of all materials. She participated in bi-weekly conference calls with DTRA CBEP representation and led weekly technical communications with project technical staff, and represented the technical team at the 60% review meeting held at CTSC. She additionally contributed directly to the development of presentations and worked to adapt and develop training materials, and to review the work of other project SMEs to ensure an overall consistency in approach. She reported regularly to the PM and provided an explanation of weekly production for submission to DTRA CBEP representation (b)(6) also contributed to the development of the 30% review response document.

Trainer 2:
(b)(6) provided technical support towards the development and adaptation of materials. He participated in technical and programmatic communication calls with project

staff, and provided veterinary and training program development expertise towards the overall project approach as well as the delineation between. (b)(6) also contributed to the development of the 30% review response document.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
DBA costs are allocated for FOIA (b)(4) of total compensation.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota

TD 023 One Health Epi South Africa Short course

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 025 Technical Writing Workshop – Ethiopia

Objectives
Provide capacity building and sustainability in BS&S projects by conducting a Technical Writing workshop on developing a successful research proposal and white paper. Provide mentorship and support to workshop participants in finalizing and submitting for grant support to increase the research project completed in country.

Period of Performance: 4/15/16 – 11/15/16

CLIN 1002 – Labor

Program Manager:
Metabiota Africa Regional Program Manager (b)(6) provided programmatic oversight throughout this period and was responsible for leading all communications with DTRA CBEP as well as programmatic communications for the internal project team. (b)(6) additionally managed daily communications will all members of the project team to ensure adherence to the proposal deliverables schedule.

Research and Data Analyst:
Metabiota Project Coordinator (b)(6) participated in project calls, both internal and with DTRA CBEP. (b)(6) took and distributed minutes following calls with DTRA CBEP. (b)(6) also provided coordination support to (b)(6) as necessary during post training reporting.

Subject Matter Expert 1:
(b)(6) post the closeout of the training workshop worked as the technical lead of this project to maintain communication with leadership from EPHI and NAHDIC. (b)(6) worked with (b)(6) and his technical team to develop the proposal deliverables schedule, and to relay the DTRA CBEP approved schedule and its implications to the team leads for both EPHI and NAHDIC. (b)(6) additionally provided oversight and direct contribution to his technical team towards the development of draft DTRA BAA Thrust Area 6 abstracts and white papers by EPHI and NAHDIC led teams.

(b)(6) during the month of August, provided support to (b)(6) as the technical project lead. (b)(6) additionally worked with representation from EPHI and NAHDIC towards concept and abstract development, and reported timeline challenges to (b)(6) also worked to provide recommended edits to draft abstracts submitted by EPHI and NAHDIC.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No ODC costs are invoiced this period.

CLIN 1005 – Travel
Travel costs include lodging for AAAS performers during the workshop held in late July.

Metabiota

TD 025 Ethiopia Grants

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

$245.94
x 7 = $1,721.58
and $7.00

Radisson BLU
HOTEL ADDIS ABABA

INTERIM INVOICE

(g)(q)
475 California Street
Suite 200
CA 94104

Page No: of 3
Date: 29.07.16
Folio No: 84870
Cashier: (g)(q)
Arrival: 23.07.16
Departure: 30.07.16
U.C. Time: 00:00
Room No: 403
TIN

TIN No.
VAT No.
Membership No: 6015995303584383
A/R Number
Company Name

Date	Description	Charges	redits
23.07.16	Accommodation	4,252.95	
23.07.16	Service Charge	425.30	
23.07.16	V.A.T.	701.74	= 5379.99 w>$245.94 D
24.07.16	Accommodation	4,252.95	
24.07.16	Service Charge	425.30	
24.07.16	V.A.T.	701.74	
25.07.16	Accommodation	4,252.95	
25.07.16	Service Charge	425.30	
25.07.16	V.A.T.	701.74	
26.07.16	Accommodation	4,252.95	
26.07.16	Service Charge	425.30	
26.07.16	V.A.T.	701.74	
27.07.16	Accommodation	4,252.95	
27.07.16	Service Charge	425.30	
27.07.16	V.A.T.	701.74	
28.07.16	Accommodation	4,252.95	
28.07.16	Service Charge	425.30	
28.07.16	V.A.T.	701.74	
29.07.16	Accommodation	4,252.95	
29.07.16	Service Charge	425.30	
29.07.16	V.A.T.	701.74	
[illegible]	Airport Transfer 1-way	153.07	= 7.00 USD
[illegible]	Visa		

TIN: [illegible]
THE EMERALD ADDIS HOTELS
PLC
S/CITY KIRKOS, W. 01, H.NO. NEW/48401
KASSANCHES BUSINESS DISTRICT, ADDIS ABABA
TEL. +251 11 515 7800
EJ Rec.00072015 #1
TS No. 00027888 DATE: 29/07/2016 19:11
CASHIER NO & NAME: (g)(q)
GUEST FOIA (b)(6)
FOLIO No:84870
ROOM No:403
Room - RAC 1 32747.77
$32747.77
Airport Transfer 1-way 1 133.10 $133.10

$245.94 x 7
= 1,721.58
+ 7.00
+ 1,721.60
+ 7.00
= 3457.18

$245.94 x 7
= $1,721.60
and $7.00

TIN: 0003008345
THE EMERALD ADDIS HOTELS
PLC
S/CITY KIRKOS, W. 01, H.NO. NEW/48401
KASSANCHES BUSINESS DISTRICT, ADDIS ABABA
TEL. +251 ** 515 7600
EJ Rec.00072816 01
FS No. 00027889
DATE: 29/07/2016 19:13

CASHIER NO & NAME: (9)(q)
GUEST NAME: FOIA (b)(6)
FOLIO No:
ROOM No:525

Room - RAC	1 32747.77	*32747.77
Airport Transfer 1-way	1 133.10	*133.10
TAXABLE 1		*32880.87
TAX 1 15%		*4932.13
TOTAL:		***37813.00**
Ref: Visa		
EUR		*37813.00
COUNT		2

AAD0017570

AMOUNT:37813.00
[ETB]
AUTO:065795 ONLINE

[Customer Copy]

Powered By SSC
X----------

29.07.16	V.A.T.
26.07.16	Accommodation
26.07.16	Service Charge
	V.A.T.
	Accommodation
27.07.16	Service Charge
27.07.16	V.A.T.
	Accommodation
	Service Charge
	V.A.T.
	Accommodation
	Service Charge
	Service 1-way

Radisson BLU
HOTEL, ADDIS ABABA

INTERIM INVOICE

Page No	1 of 3
Date:	29.07.16
Folio No	84872
Cashier	(9)(q)
Arrival	23.07.16
Departure	30.07.16
C/O Time	00:00
Room No.:	525
T/LN:	

Description	Charges	Credits
	4,252.95	
	+ 425.30	
	+ 701.74	= 5379.99 ~> $245.94 USD
	4,252.95	
	425.30	
	701.74	
	4,252.95	
	425.30	
	701.74	
	4,252.95	
	425.30	
	701.74	
	4,252.95	
	425.30	
	701.74	
	4,252.95	
	425.30	
	701.74	
	153.07	= 7.00 USD
		37,813.00

245.94 x 7
1,721.58
+ 7.00
+ 1,721.60
+ 7.00
3457.18

FKLM ETHIOPIA
Tours | Travel | Car Rental

PAYMENT REQUEST

Date	REF No
06 OCT, 2016	FKLM/M/748/2015
From	**From**
23 JUL, 2016	30 JUL, 2016

Rental Property

Toyota Land Cruiser V8 Rental Two Half days remaining Payment

Received From

METABIOTA

TOTAL

USD 117.00

Thank You For Your Business!

Kind Regards,

(b)(6)

(b)(6)

FKLM Ethiopia Tours, Travel and Car Rental

www.fklm-tours.com // www.EthiopiaTravel
Tel: +251 116 675252 Mob: +251 930 110004
P.O Box 18808, Addis Ababa, Ethiopia
email: info@fklm-tours.com, anfrage@aethiopien-urlaub.de
FOLLOW US @

117.50

(b)(6)

Re: Request for payment; AEP; TD-025
October 14, 2016 at 4:35 PM

(b)(6)

Thank you!

From: (b)(6)
Date: Friday, October 14, 2016 at 16:34
To:
Cc: (b)(6)
Subject: RE: Request for payment; AEP; TD-025

Hi (b)(6)
Wire report for you.

ELLS FARGO

Oct 14 2016 04:31:57 PM ET
Customer ID: METAB5
Operator ID: JUSTINA5
Wire Transfer

METABIOTA,
Detail Wire Transfer Activity Re
From 10/14/2016 Through 10/14

Wire Transfer Activity Detail

t Currency: USD
t Bank Name: WELLS FARGO BANK NAN
t Account Name: METAB OTA NC

Account Number: 4125636829

t Amount: 117.50 USD
e Date: 10/14/2016
:ution Date: 10/14/2016
ht Amount: 117.00 USD

Template Name: Freeform
Type: International Credit Currency: USD

CEO® Tracking Number: 00000058
Fed SWIFT Confirmation Number:
1014 1B7033R01 0895

Foreign Exchange Reference Number:

Transaction Reference Number: 161014101105

Status: Confirmed

e Billing Information:
:rges To: OUR

ieficiary Account Information:
ount Number
0131107904
ount Name: FKLM Ethiopia Tours Travel and Ca

Beneficiary Bank Information:
Bank ID: CBETETAA
Bank Name: COMMERCIAL BANK OF ETHIOPIA
Bank Address: CHURCHILL ROAD
ADD S ABEBA ET
Bank Country: Ethiopia
Intl Routing Code:

m of Notification: None

jinator to Beneficiary Information:
ice FKLM/M/748/2015

Originator Information:
Name: METAB OTA NC
Address: 425 California Street
Suite 200
San Francisco CA 94104 US
ID Account Number:

rnal Reference:

rmediary Bank Information:
a Not Provided

$117.00

t Amount 7.00 USD

e Date 0/14/20 6

action Date 0 4/20 6

H Amount 7.00 USD

Template Name
Freeform
Type ternational
Credit Currency
USD

CEO® Tracking Number

Fed SWIFT Confirmation Number

B033R0 0895

Foreign Exchange Reference Number

Transaction Reference Number 05

Status Confirmed

e Billing Information.
rges To OUR

eficiary Account Information.
ount Number
0131107904
ount Name FKLM Ethiopia Tours Travel and Car

Beneficiary Bank Information.
Bank ID CBETETAA
Bank Name COMMERCIAL BANK OF ETHIOPIA
Bank Address CHURCHILL ROAD
ADDIS ABEBA ET
Bank Country, Ethiopia
Intl Routing
Code

m of Notification. None

jinator to Beneficiary Information.
e FKLM/M/748/2015

Originator Information:
Name METAB OTA NC
Address 425 California Street
Suite 200
San Francisco CA 94104-US
ID Account Number

mal Reference

Closed Projects

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan – Invoiced to Completion Invoice #729.

TD 003 Bat Borne Virus from Annual Bat Cull India has been canceled and will not be invoiced.

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop

TD 005 Iraqi Distance Learning has been canceled and will not be invoiced.

TD 006 Nipah Research Activity Project has been canceled and final costs were invoiced on invoice #725.

TD 007 Regional Baseline Assessment has been invoiced to completion on invoice #725.

TD 008 Clinician Training has been invoiced to completion invoice #726.

TD 010 One Health Epidemiology Training in South Africa has been invoiced to completion on invoice #731

TD 011 Ukraine TADR Activity Project 4 (TAP-4) has been invoiced to completion Invoice #729.

TD 012 Ukraine Project 2 (UP-2) has been invoiced to completion invoice #725. This project was transitioned to the BTRIC.

TD 014 Grant Writing Mentorship and Workshop – Kenya

TD 015 Health Informatics Support Services – Vietnam – Invoiced to completion on Invoice #239

TD 020 Gabon Initial Engagement SME Support –Invoiced to Completion Invoice #729.

TD 024 MESA Epigenetics Conference Video – Jordan

Program Management Review Travel Costs

Defense Threat Reduction Agency
And USSTRATCOM Center for Combating WMD
8725 John J. Kingman Rd. Stop 6201
Fort Belvoir, VA 22060-6201

TECHNICAL DIRECTIVE (TD)

1. CONTRACT NUMBER	2. CONTRACTOR	3a.TD NUMBER	3b.REV
HDTRA1 -14-C-0104	METABIOTA	009	A

4. TD TITLE
BS&S Training in South Africa

5. TOTAL TD ESTIMATE:
HOURS: _____ DOLLARS: $ **$335,608**

6. CONTRACING OFFICER REPRESENTATIVE
NAME: (b)(6)
PHONE: (b)(6) EMAIL: (b)(6)

7. CONTRACTOR POC
NAME: (b)(6)
PHONE: (b)(6) EMAIL: (b)(6)

8. DESCRIPTION OF TD (NOT TO EXCEED 1 PAGE):

This revision extends the Period of Performance (PoP) for TD-009 from 15 May 2016 to 15 November 2016 at no additional cost. This PoP extension is to provide enough time to continue biosafety and biosecurity training implementation in South Africa. Metabota should coordinate directly with the Technical POCs identified below. No changes to the previously approved proposal are required at this time.

9a. PROPOSED SOLUTION (NOT TO EXCEED 2 PAGES):

9b. BUDGET (USE EMBEDDED TABS FOR BUDGET BREAKDOWN):

CLIN	DESCRIPTION	TOTAL
1002	LABOR	$0
1003	MATERIALS	$0
1004	ODCs	$0
1005	TRAVEL	$0
TOTAL		**$ 0.00**

9c. TD SOLUTION BASIS OF ESTIMATE – DESCRIPTION (NOT TO EXCEED 2 PAGES):

10. FUNDING AUTHORIZED THIS TD REV:

CLIN	COST CODE	COST	POP START	POP END
1002	LABOR	$ -		
1003	MATERIALS	$ -		
1004	ODCs	$ -		
1005	TRAVEL	$ -		
	TOTAL	**$ -**		

COMMENTS (OPTIONAL):

11a. FUNDS AUTHORIZED FOR THIS TD REV:
$ **$0**

11b. FUNDS AUTHORIZED INCLUSIVE OF ALL REV:
$ **$335,608**

12a. CURRENT PERIOD OF PERFORMANCE
16-MAY-2015 – 15 MAY 2016

12b. TD REV PERIOD OF PERFORMANCE
15-MAY-2016 – 15-NOV-2016

13. C FOIA (b)(6) ATE
Sign
Date **13 May 2016**

14. REGION
AFRICOM/ South Africa

15. TECHNICAL POINTS OF CONTACT
South Africa Country Manager:
(b)(6)
AFRICOM Science Manager:
(b)(6)

16. CONTRACTING OFFICER REPRESENTATIVE APPROVAL
X
(b)(6)
COR/ J3CTB Program Manager

Instructions: Government to complete Blocks 1-8, 10-12, 14-16. Contractor to complete Blocks 9 and 13 only.

1. Contract Number
2. Contractor – Full Company Name
3. Technical Directive Number
4. Technical Directive Title
5. Total Estimated Technical Directive - Hours and Dollars
6. Contracting Officer Representative – Contact details
7. Contractor Point of Contact – Details
8. Description of the Technical Directive – Government Provided
9. Solution:
    a. Proposed Solution: Contractor's proposed solution (including approach, schedule, and risk analysis) for TD. Not to exceed 3 pages.
    b. Budget: Contractor enter proposed quantity(ies) for TD completion.
    c. Technical Directive Solution Basis of Estimate – Description: Contractor complete the BOE for proposed solution to TD. Not to exceed 3 pages.
10. Funding Authorized this TD: Identifies information for billing purposes
11. Funds Authorized
    a. Funds Authorized for this TD Revision Exclusively
    b. Funds Authorized inclusive of all Revisions, Cummulative Total
12. Period of Performance
    a. Current
    b. TD Rev POP
13. Contractor: Sign & Date
14. Region for Technical Directive
15. Technical Points of Contact
16. Contracting Officer Representative Approval: Sign & Date

Defense Threat Reduction Agency
And USSTRATCOM Center for Combating WMD
8725 John J. Kingman Rd, Stop 6201
Fort Belvoir, VA 22060-6201

TECHNICAL DIRECTIVE (TD)

1. CONTRACT NUMBER	2. CONTRACTOR	3a.TD NUMBER	3b.REV
HDTRA1 -14-C-0104	METABIOTA	013	B

4. TD TITLE	5. TOTAL TD ESTIMATE:
ONE HEALTH EPIDEMIOLOGY TRAINING IN UGANDA	HOURS: _____ DOLLARS: $ **$350,242**

6. CONTRACING OFFICER REPRESENTATIVE	7. CONTRACTOR POC
NAME: (b)(6)	NAME: (b)(6)
PHONE: (b)(6) EMAIL: (b)(6)	PHONE: (b)(6) EMAIL: (b)(6)

8. DESCRIPTION OF TD (NOT TO EXCEED 1 PAGE):

This revision extends the Period of Performance (PoP) for TD-013 from 26 Feb 2016 to 15 November 2016 at no additional cost. This PoP extension is to provide enough time to continue implementation of the One Health Epidemiology training program in Uganda with the addition of a Cohort 11. Metabota should coordinate directly with the Technical POCs identified below. Please note that the current Metabiota contract does not allow for logistical support services, such as translation, shipping & customs clearance, conference services, etc. These requirements will be coordinated through CLS and the in-country DTRO (as appropriate) by the CBEP POCs below. No further changes to the previously approved proposal are required at this time.

9a. PROPOSED SOLUTION (NOT TO EXCEED 2 PAGES):

9b. BUDGET (USE EMBEDDED TABS FOR BUDGET BREAKDOWN):

CLIN	DESCRIPTION	TOTAL
1002	LABOR	$0
1003	MATERIALS	$0
1004	ODCs	$0
1005	TRAVEL	$0
TOTAL		**$0.00**

9c. TD SOLUTION BASIS OF ESTIMATE – DESCRIPTION (NOT TO EXCEED 2 PAGES):

10. FUNDING AUTHORIZED THIS TD REV:

CLIN	COST CODE	COST	POP START	POP END
1002	LABOR	$ -		
1003	MATERIALS	$ -		
1004	ODCs	$ -		
1005	TRAVEL	$ -		
	TOTAL	$ -		

COMMENTS (OPTIONAL):

11a. FUNDS AUTHORIZED FOR THIS TD REV:	12a. CURRENT PERIOD OF PERFORMANCE	13.
$ **$0**	**16-MAY-2015 – 29-FEB- 2016**	FOIA (b)(6)
11b. FUNDS AUTHORIZED INCLUSIVE OF ALL REV:	12b. TD REV PERIOD OF PERFORMANCE	Sig
$ **$350,242**	**15-MAY-2016 – 15-NOV-2016**	Date: **13 May 2016**

14. REGION	15. TECHNICAL POINTS OF CONTACT	16. CONTRACTING OFFICER REPRESENTATIVE APPROVAL
AFRICOM/ Uganda	Uganda Country Manager: (b)(6)	X
	AFRICOM Science Manager: (b)(6)	(b)(6)
		COR/ J3CTB Program Manager

Instructions: Government to complete Blocks 1-8, 10-12, 14-16. Contractor to complete Blocks 9 and 13 only.

1. Contract Number
2. Contractor – Full Company Name
3. Technical Directive Number
4. Technical Directive Title
5. Total Estimated Technical Directive - Hours and Dollars
6. Contracting Officer Representative – Contact details
7. Contractor Point of Contact – Details
8. Description of the Technical Directive – Government Provided
9. Solution:
    a. Proposed Solution: Contractor's proposed solution (including approach, schedule, and risk analysis) for TD. Not to exceed 3 pages.
    b. Budget: Contractor enter proposed quantity(ies) for TD completion.
    c. Technical Directive Solution Basis of Estimate – Description: Contractor complete the BOE for proposed solution to TD. Not to exceed 3 pages.
10. Funding Authorized this TD: Identifies information for billing purposes
11. Funds Authorized
    a. Funds Authorized for this TD Revision Exclusively
    b. Funds Authorized inclusive of all Revisions, Cummulative Total
12. Period of Performance
    a. Current
    b. TD Rev POP
13. Contractor: Sign & Date
14. Region for Technical Directive
15. Technical Points of Contact
16. Contracting Officer Representative Approval: Sign & Date

Defense Threat Reduction Agency
And USSTRATCOM Center for Combating WMD
8725 John J. Kingman Rd, Stop 6201
Fort Belvoir, VA 22060-6201

TECHNICAL DIRECTIVE (TD)

1. CONTRACT NUMBER	2. CONTRACTOR	3a.TD NUMBER	3b.REV
HDTRA1 -14-C-0104	METABIOTA	016	B

4. TD TITLE	5. TOTAL TD ESTIMATE:
Subject Matter Expertise in Geographic Information Systems (GIS) Modeling and Regional Single Nucleotide Polymorphisms (SNPs) at the Richard G. Lugar Center for Public Health Research in Georgia	HOURS: _____ DOLLARS: $ **$147,000**

6. CONTRACING OFFICER REPRESENTATIVE	7. CONTRACTOR POC
NAME: (b)(6)	NAME: (b)(6)
PHONE: (b)(6) EMAIL: (b)(6)	PHONE (b)(6) EMAIL: (b)(6)

8. DESCRIPTION OF TD (NOT TO EXCEED 1 PAGE):

This revision extends the Period of Performance (PoP) for TD-016 from 15 May 2016 to 15 November 2016. This PoP extension is to continue providing expertise in geographic information systems (GIS) modeling and regional Single Nucleotide Polymorphisms (SNPs) at the Richard G. Lugar Center for Public Health Research in Georgia. Metabiota should coordinate directly with the Technical POCs identified below. Your technical approach as outlined in TD-016 Rev A with the exception of the 3 x 1 week of trips stipulated to support GG-27 (identified in box 8 paragraph 5 and box 9c under travel), proposed budget, and basis of estimate for continuing this requirement, not to exceed $147,000 is requested by 17 May 2016. Please note that the current Metabiota contract does not allow for logistical support services, such as translation, shipping & customs clearance, conference services, etc. These requirements will be coordinated through CLS and the in-country DTRO (as appropriate) by the CBEP POCs below. No further changes to the previously approved proposal are required at this time.

9a. PROPOSED SOLUTION (NOT TO EXCEED 2 PAGES):

Proposal Development & Initiation
Metabiota developed a project plan and implementation strategy, which aligns with narrative from Box 8 and leverages information gleaned from discussions with A&AS contractors. Originally, a key assumption for this effort was that the Georgian scientists are generally capable of conducting GIS analyses on their own. After discussions with some individuals familiar with the level of expertise in Georgia and the scientific goals sought to be accomplished in the stated projects, Metabiota believes that the Georgian scientists will require an increased level of support when conducting GIS analyses. It is anticipated that the plan for TD-016 is considered a living document and it is expected that revisions to the plan will be necessary following stakeholder meetings. During proposal development, Metabiota expects to use Program Manager (PM) and Project Coordinator (PC, billed as SME I) time to identify the best path forward, required deliverables, and any other programmatic requirements which can reasonably be expected to be a part of this project.

Project Coordination:
From the information provided in Box 8, Metabiota assumes that these projects are ongoing affairs led by a third party. The Metabiota PM, PC, and GIS SME(s) will participate in communications with the CBR teams to understand what the mentoring and research needs are for each project. The Metabiota PM and PC will work with the GIS SME(s) to ensure that mentoring and research needs are met as best as possible using remote technologies. The Metabiota PM and PC will also work with the project teams to ensure that the GIS SME(s) provide inputs to project deliverables in a timely manner.

Mentoring:
Mentoring will consist of remote mentoring. After assessing the need for in-person GIS mentoring, the PM, PC, and primary GIS SME will work with the project teams to elucidate the specific goals, and requirements of each mentoring request to ensure that the mentoring visit is conducted efficiently and effectively. The primary GIS SME will work with the PM, PC, and appropriate stakeholders in each respective project to create a list of tasks to be accomplished by the Georgian scientists leading up to the mentoring visit, to create a list of topics for the primary GIS SME to be prepared to assist with during the mentoring visit, and to facilitate the communication and exchange of any necessary data or concepts both prior to and following each mentoring visit.

Reach-back support and Research collaboration:
Based on our updated understanding of the requirements and the proposed scope of the projects, Metabiota now expects to be required to provide significant GIS analysis support to the three projects, but does expect to place a significant focus on transitioning this expertise to the Georgians. Through regular communications with the respective project teams, Metabiota will be made aware of any additional subject matter expertise requests. The GIS SME will address these needs as they arise.

9b. BUDGET (USE EMBEDDED TABS FOR BUDGET BREAKDOWN):

Table 1: Incremental funding requested for 16 May 2016 – 15 November 2016, per CLIN. Please note that labor rates have changed.

CLIN	DESCRIPTION	TOTAL
1002	LABOR	$132,202.28
1003	MATERIALS	$0
1004	ODCs	$0
1005	TRAVEL	$0
TOTAL		**$132,202.28**

9c. TD SOLUTION BASIS OF ESTIMATE – DESCRIPTION (NOT TO EXCEED 2 PAGES):

Labor
Costs for direct labor to support this activity is required for the following personnel:

All phases:
Metabiota Program Manager: The Metabiota PM will provide oversight of the planning and execution of program objectives towards the completion of DTRA CBEP goals at the regional level and will lead communication with DTRA CBEP for this activity. The PM will do so by participating in proposal

development and maintaining oversight of stakeholder and subcontractor coordination and project execution, including anticipating, managing, and communicating projects risks and recommended mitigation strategies to the funder. The PM will ensure Metabiota and other DTRA CBEP subcontractors meet all project requirements and deliverables while ensuring the program remains within scope, budget, and timeline. The PM will lead communication with DTRA CBEP for this activity.

As some of our Subject Matter Experts and Research and Data Analysts may be independent consultants or subcontractors, the Metabiota PM will additionally oversee and ensure that all project personnel adhere to DoD and DTRA CBEP standard operating procedures and operational requirements to include overseeing the development of Statements of Work (SOW) and appropriate budgets under the T&M mechanism, the acquisition of Defense Base Act insurance, and any other requirements which may be applicable to the work. The Metabiota PM will provide management oversight of the project team, including subcontractors and independent consultants throughout the span of the project.

Metabiota Subject Matter Expert 1: The Metabiota SME 1 will act as a Project Coordinator (PC) throughout the planning and execution of project objectives, as well as participating in proposal development. The Metabiota PC will lead the planning and execution of DTRA CBEP objectives towards the completion of project goals. The PC will do so by participating in proposal development and leading stakeholder and subcontractor coordination and project execution, including assisting the PM in anticipating, managing, and communicating projects risks and recommended mitigation strategies to the funder. The PC will regularly communicate the project status with the PM and will manage the GIS SME, including all subcontractors, to ensure all project requirements and deliverables are met and the program remains within scope, budget, and timeline.

The PC will coordinate with the project stakeholders to identify travel dates. The PC will participate in regular communications between the project stakeholders and the GIS SME. The PC will drive the coordination required to sufficiently gather the answers to the logistical questions that will arise in the planning and execution of requested travel for mentoring activities.

The Metabiota PC will aid the PM in ensuring that all personnel adhere to operational requirements imposed by DoD or DTRA CBEP standard operating procedures. As the GIS SME may be unfamiliar with DoD contracting, the Metabiota PC will assist the SME and/or their organization with adhering to DoD contracting requirements, to include developing Statements of Work (SOW) and appropriate budgets under the T&M mechanism, the acquisition of Defense Base Act insurance, and any other requirements which may be applicable to the work. The Metabiota PC will provide continuing management oversight over the subcontractors and independent consultants throughout the span of the project.

Subject Matter Expert 2: The SME 2 will serve as the primary GIS SME and research collaborator. The SME 2 will participate in regular project coordination communications (teleconferences, emails) to ensure that they understand the context of each project and the GIS subject matter expertise needed. The SME 2 will provide remote mentoring and research collaborator support as directed by the respective project leads.

Research and Data Analysts (RDAs): It is anticipated that the SME 2 will employ multiple RDAs with GIS expertise to assist him in mentoring the Georgian scientists in the advanced GIS techniques proposed in the three research projects and to assist in performing data analysis, technical writing, and other research duties as needed.

Materials

No materials are expected to be procured for this effort.

Other Direct Costs

Per contract guidelines, DBA insurance is required for all personnel engaged on work conducted overseas. As no work will be physically conducted overseas, no additional funds are being requested.

Subcontracts

Subcontracts will be issued to SMEs, RDAs, and/or their home organizations as needed for the labor necessary for this effort, as well as any materials and supplies they will procure in support of this effort. Costs are captured under the appropriate labor categories in CLIN 1002 and materials in CLIN 1003 of the budget. Metabiota anticipates issuing a firm-fixed price level of effort (FFPLOE) contract to the GIS SME team as a mechanism for controlling costs, as Metabiota expects that the cost for the total number of hours worked by the SME2 and RDAs to far exceed the previously budgeted amount.

Travel

No travel is anticipated during the extended period of performance and thus no additional funds are being requested.

10. FUNDING AUTHORIZED THIS TD REV:

CLIN	COST CODE		COST	POP START	POP END
1002	LABOR	$	132,202.28		
1003	MATERIALS	$	-		
1004	ODCs	$	-		
1005	TRAVEL	$	-		
	TOTAL	**$**	**132,202.28**		

COMMENTS (OPTIONAL):

11a. FUNDS AUTHORIZED FOR THIS TD REV:	12a. CURRENT PERIOD OF PERFORMANCE	**13. CONTRACTOR SIGNATURE AND DATE**
$ $132,202.28	**15-SEP-2015 – 15 MAY 2016**	Signature:_____
11b. FUNDS AUTHORIZED INCLUSIVE OF ALL REV:	12b. TD REV PERIOD OF PERFORMANCE	Date:_____
$ $271,706.42	**15-MAY-2016 – 15-NOV-2016**	

14. REGION	15. TECHNICAL POINTS OF CONTACT	16. CONTRACTING OFFICER REPRESENTATIVE APPROVAL
EUCOM/ Georgia	Georgia Country Manager (b)(6) (b)(6) EUCOM Regional Science Manage (b)(6) (b)(6)	X (b)(6) COR/ J3CTB Program Manager

Instructions: Government to complete Blocks 1-8, 10-12, 14-16. Contractor to complete Blocks 9 and 13 only.

1. Contract Number
2. Contractor – Full Company Name
3. Technical Directive Number
4. Technical Directive Title
5. Total Estimated Technical Directive - Hours and Dollars
6. Contracting Officer Representative – Contact details
7. Contractor Point of Contact – Details
8. Description of the Technical Directive – Government Provided
9. Solution:
    a. Proposed Solution: Contractor's proposed solution (including approach, schedule, and risk analysis) for TD. Not to exceed 3 pages.
    b. Budget: Contractor enter proposed quantity(ies) for TD completion.
    c. Technical Directive Solution Basis of Estimate – Description: Contractor complete the BOE for proposed solution to TD. Not to exceed 3 pages.
10. Funding Authorized this TD: Identifies information for billing purposes
11. Funds Authorized
    a. Funds Authorized for this TD Revision Exclusively
    b. Funds Authorized inclusive of all Revisions, Cummulative Total
12. Period of Performance
    a. Current
    b. TD Rev POP
13. Contractor: Sign & Date
14. Region for Technical Directive
15. Technical Points of Contact
16. Contracting Officer Representative Approval: Sign & Date

Defense Threat Reduction Agency
And USSTRATCOM Center for Combating WMD
8725 John J. Kingman Rd, Stop 6201
Fort Belvoir, VA 22060-6201

TECHNICAL DIRECTIVE (TD)

1. CONTRACT NUMBER	2. CONTRACTOR	3a.TD NUMBER	3b.REV
HDTRA1 -14-C-0104	METABIOTA	017	A

4. TD TITLE	5. TOTAL TD ESTIMATE:
Grantsmanship Support and Mentorship in Georgia	HOURS: _____ DOLLARS: $ **$95,712**

6. CONTRACING OFFICER REPRESENTATIVE	7. CONTRACTOR POC
NAME: (b)(6)	NAME: (b)(6)
PHONE (b)(6) EMAIL (b)(6)	PHONE: (b)(6) EMAIL: (b)(6)

8. DESCRIPTION OF TD (NOT TO EXCEED 1 PAGE):

This revision modifies the original technical directive and extends the end of the Period of Performance (PoP) for TD-017 from 15 May 2016 to 15 November 2016. This PoP extension is to continue providing expertise in grantsmanship at the Laboratory of the Ministry of Agriculture in Georgia only. The Metabiota team should no longer provide expertise in grantsmanship development at the Richard G. Lugar Center for Public Health Research. Metabiota should coordinate directly with the Technical POCs identified below. Your technical approach as outlined in TD-017, proposed budget, and basis of estimate for continuing this requirement, not to exceed $95,712 is requested by 17 May 2016. Please note that the current Metabiota contract does not allow for logistical support services, such as translation, shipping & customs clearance, conference services, etc. These requirements will be coordinated through CLS and the in-country DTRO (as appropriate) by the CBEP POCs below. No further changes to the previously approved proposal are required at this time.

9a. PROPOSED SOLUTION (NOT TO EXCEED 2 PAGES):

Proposal Development & Initiation:
Metabiota developed a project plan and implementation strategy, which aligns with narrative from Box 8. A key assumption for this effort is that the Georgian scientists have their own research ideas which can be shaped into proposals. A second key assumption is that Metabiota Subject Matter Experts providing grantsmanship support will **not** be the primary drafters of any white papers or full proposals, but rather will only provide assistance in drafting said white papers and proposals. A third key assumption is that the Georgian scientists will not require any assistance in analysis of any data which may be presented in the proposals as preliminary work. It is anticipated that the plan for TD-017 is considered a living document and it is expected that revisions to the plan will be necessary following stakeholder meetings. During proposal development, Metabiota expects to use Program Manager (PM) and Project Coordinator (PC, billed as Subject Matter Expert (SME) I) time to identify the best path forward, required deliverables, and any other programmatic requirements which can reasonably be expected to be a part of this project.

Project Coordination:
From the information provided in Box 8, Metabiota assumes that there are several relevant POCs at LMA which will be involved in the grantsmanship efforts. The Metabiota PM and PC will, upon approval of the TD, engage relevant LMA stakeholders to begin understanding what efforts they would like to work on. Upon approval and receipt of additional information, the Metabiota PM and PC will identify a grantsmanship subject matter expert (billed as SME 2) and work to either onboard them as a Metabiota employee, or establish a subcontract or independent consulting arrangement with the VS. The Metabiota PM, PC, and SME 2 will participate in communications with stakeholders at LMA in order to understand what mentoring activities will be required. The Metabiota PM and PC will work with the SME 2 to ensure that all necessary documentation required prior to travel is completed correctly and submitted on time, and that all trip reports are filed on time. The Metabiota Travel Coordinator will coordinate with the project team to ensure that transportation and lodging arrangements are secured. The Metabiota PM and PC will work with the project teams to ensure any need for translation, interpretation, or other logistical requirements are adequately anticipated and communicated to CLS and/or DTRO-Tbilisi.

In-Country Grantsmanship Mentoring
Mentoring will consist of in-country and remote mentoring. Based on our understanding of the requirements, Metabiota does not expect to be required to provide data analysis support to the LMA scientists. In order to ensure the success of the in-country mentoring visits, the PM, PC, and SME 2 will work with the POCs at LMA to establish a list of deliverables to be provided to Metabiota prior to any in-country mentoring. These deliverables may include budgetary data, drafts of proposed plans and SOPs, drafts of white papers and full proposals, and analyses of preliminary data complete with methodology. The PM and PC will maintain regular communications with the SME 2 to ensure that the SME 2 has all required resources for mentoring. After assessing the need for in-country mentoring, the SME 2 will implement the mentoring work plans, only assisting with actual proposal writing in cases of last resort.

Metabiota is proposing a slight alteration of our plans from Revision A based on observations from our first two in-country mentoring sessions. In particular, we have seen that mentees can become distracted with their primary duties at LMA and are thus proposing to run two cohorts of mentees simultaneously but for two weeks of half-day sessions. This would allow each cohort to dedicate part of their day directly to their normal duties which we believe will reduce distraction during the portion of their day focused on grantsmanship mentoring. One cohort would run in the mornings, and the other cohort would run in the afternoons. We are proposing to run two (2) two-week sessions (July and September), with remote mentoring in between. In the July session, cohort 1 would be working on full proposal and cohort 2 would receive their second session on white papers. In the September session, cohort 1 would be finishing full proposals and participating in a train-the-trainer approach to assist cohort 2 with their first efforts on full proposals.

Reach-back Support / Remote Mentoring:
Based on our understanding of the requirements, Metabiota does not expect to be required to provide primary authorship support to any proposals, but does expect the SME 2 to be available to provide remote editorial guidance and limited assistance with drafting of select passages. Through regular communications with the respective project teams, Metabiota will be made aware of any additional subject matter expertise requests. The SME 2 will address these needs as they arise.

9b. BUDGET (USE EMBEDDED TABS FOR BUDGET BREAKDOWN):
Table 1: Incremental funding requested for 16 May 2016 – 15 November 2016, per CLIN. Please note that labor rates have changed.

CLIN	DESCRIPTION	TOTAL
1002	LABOR	(b)(4)
1003	MATERIALS	$0.00
1004	ODCs	$0.00
1005	TRAVEL	(b)(6)
TOTAL		**$134,505.90**

9c. TD SOLUTION BASIS OF ESTIMATE – DESCRIPTION (NOT TO EXCEED 2 PAGES):

Labor

Costs for direct labor to support this activity is required for the following personnel:

All phases:

Metabiota Program Manager: The Metabiota PM will provide oversight of the planning and execution of program objectives towards the completion of DTRA CBEP goals at the regional level and will lead communication with DTRA CBEP for this activity. The PM will do so by participating in proposal development and maintaining oversight of stakeholder and subcontractor coordination and project execution, including anticipating, managing, and communicating projects risks and recommended mitigation strategies to the funder. The PM will ensure Metabiota and other DTRA CBEP subcontractors meet all project requirements and deliverables while ensuring the program remains within scope, budget, and timeline. The PM will lead communication with DTRA CBEP for this activity.

As our Subject Matter Expert may be an independent consultants or subcontractor, the Metabiota PM will additionally provide management oversight of the project subcontractors (microbiology SME) and the integration with other project stakeholders throughout the duration of this project. The PM will also ensure that all project personnel (Metabiota and subcontractors) adhere to DoD and DTRA CBEP standard operating procedures and operational requirements to include overseeing the development of Statements of Work (SOW) and appropriate budgets under the T&M mechanism, the acquisition of Defense Base Act insurance, and any other requirements which may be applicable to the work.

Metabiota Subject Matter Expert 1: The Metabiota SME 1 will act as a Project Coordinator (PC) throughout the planning and execution of project objectives, as well as participating in proposal development. The Metabiota PC will lead the planning and execution of DTRA CBEP objectives towards the completion of project goals. The PC will do so by participating in proposal development and leading stakeholder and subcontractor coordination and project execution, including assisting the PM in anticipating, managing, and communicating project risks and recommended mitigation strategies to the funder. The PC will regularly communicate the project status with the PM. The PC will manage the SME 2, to include leading regular coordination calls with the SME 2, participating in regular communications between the proposal stakeholders and the grantsmanship SME, and coordinating with the SME 2 to ensure all project requirements and deliverables are met and the program remains within scope, budget, and timeline. The PC will aid the PM and SME 2 in ensuring project startup and closeout are completed to the satisfaction of the funder.

The Metabiota PC will aid the PM in ensuring that all personnel adhere to operational requirements imposed by DoD or DTRA CBEP standard operating procedures. As the grantsmanship SME may be unfamiliar with DoD contracting, the Metabiota PC will assist the SME and/or their organization with adhering to DoD contracting requirements, to include developing Statements of Work (SOW) and appropriate budgets under the T&M mechanism, the acquisition of Defense Base Act insurance, and any other requirements which may be applicable to the work. The Metabiota PC will provide continuing management oversight over the subcontractors and independent consultants throughout the span of the project.

Subject Matter Expert 2: The SME 2(s) will serve as the grantsmanship SME(s). The SME 2(s) will participate in regular project coordination communications (teleconferences, emails) to ensure that they understand the context of each proposal, the needs and expectations of the Georgian scientists, and the grantsmanship assistance needed. The SME 2(s) will provide mentoring as directed by the respective project leads. We are expecting a higher level of effort required in the extension period as mentees move into developing full proposals which would require more time to review. During the base period we leveraged other CBEP work travel to Tbilisi to be able to supply additional fractional support in country, and expect to do the same during the extension period.

Materials

No additional material costs are projected for the extension of the period of performance.

Other Direct Costs

Per contract guidelines, DBA insurance is required for all personnel performing work overseas on the AEP project. DBA insurance will be secured for all staff for the period of performance for this engagement. No additional funds for DBA insurance are requested for the extension of the period of performance.

Subcontracts

Subcontracts will be issued to the SME 2 and/or their home organization as needed for the labor necessary for this effort, as well as any materials and supplies they will procure in support of this effort. Costs are captured under the appropriate labor categories in CLIN 1002 and materials in CLIN 1003 of the budget.

Travel

Travel is requested to support the deployment of the SME(s) to Tbilisi, Georgia for two (2) two-week deployments. During the base period we leveraged other CBEP work travel to Tbilisi to be able to supply additional fractional support in country, and expect to do the same during the extension period. No additional travel is projected based on the requirements provided. Projected airfares are based off of actual quotes, but may be subject to changes based on timing of purchase. The travel budget represents the estimated amount required; precise numbers may vary depending on factors beyond Metabiota control. Travel on the AEP contract is cost reimbursable.

10. FUNDING AUTHORIZED THIS TD REV:

CLIN	COST CODE	COST	POP START	POP END
1002	LABOR	$ 108,935.40		
1003	MATERIALS	$ -		
1004	ODCs	$ -		
1005	TRAVEL	$ 25,570.50		
	TOTAL	**$ 134,505.90**		

COMMENTS (OPTIONAL):

11a. FUNDS AUTHORIZED FOR THIS TD REV:

$ $134,505.90

11b. FUNDS AUTHORIZED INCLUSIVE OF ALL REV:

$ $271,237.90

12a. CURRENT PERIOD OF PERFORMANCE

23-SEP-2015 – 15 MAY 2016

12b. TD REV PERIOD OF PERFORMANCE

15-MAY-2016 – 15-NOV-2016

13. CONTRACTOR SIGNATURE AND DATE

Signature:_____

Date:_____

14. REGION

EUCOM/ Georgia

15. TECHNICAL POINTS OF CONTACT

Georgia Country Manager (b)(6)

(b)(6)

EUCOM Regional Science Manager (b)(6)

(b)(6)

16. CONTRACTING OFFICER REPRESENTATIVE APPROVAL

X _____

(b)(6)

COR/ J3CTB Program Manager

Instructions: Government to complete Blocks 1-8, 10-12, 14-16. Contractor to complete Blocks 9 and 13 only.

1. Contract Number
2. Contractor – Full Company Name
3. Technical Directive Number
4. Technical Directive Title
5. Total Estimated Technical Directive - Hours and Dollars
6. Contracting Officer Representative – Contact details
7. Contractor Point of Contact – Details
8. Description of the Technical Directive – Government Provided
9. Solution:
    a. Proposed Solution: Contractor's proposed solution (including approach, schedule, and risk analysis) for TD. Not to exceed 3 pages.
    b. Budget: Contractor enter proposed quantity(ies) for TD completion.
    c. Technical Directive Solution Basis of Estimate – Description: Contractor complete the BOE for proposed solution to TD. Not to exceed 3 pages.
10. Funding Authorized this TD: Identifies information for billing purposes
11. Funds Authorized
    a. Funds Authorized for this TD Revision Exclusively
    b. Funds Authorized inclusive of all Revisions, Cummulative Total
12. Period of Performance
    a. Current
    b. TD Rev POP
13. Contractor: Sign & Date
14. Region for Technical Directive
15. Technical Points of Contact
16. Contracting Officer Representative Approval: Sign & Date

Defense Threat Reduction Agency
And USSTRATCOM Center for Combating WMD
8725 John J. Kingman Rd. Stop 6201
Fort Belvoir, VA 22060-6201

TECHNICAL DIRECTIVE (TD)

1. CONTRACT NUMBER	2. CONTRACTOR	3a.TD NUMBER	3b.REV
HDTRA1 -14-C-0104	METABIOTA	018	A

4. TD TITLE
On-site Expertise in Genomic Research Activities at the Richard G. Lugar Center for Public Health Research in Georgia

5. TOTAL TD ESTIMATE:
HOURS: _____ DOLLARS: $ **$0**

6. CONTRACING OFFICER REPRESENTATIVE
NAME: (b)(6)
PHONE (b)(6) EMAIL: (b)(6)

7. CONTRACTOR POC
NAME: (b)(6)
PHONE (b)(6) EMAIL: (b)(6)

8. DESCRIPTION OF TD (NOT TO EXCEED 1 PAGE):

This revision extends the Period of Performance (PoP) for TD-018 from 15 May 2016 to 15 August 2016 at no additional cost. This PoP extension is to provide enough time to continue providing on-site expertise in genomic research activities at the Richard G. Lugar Center for Public Health Research in Georgia. Metabota should coordinate directly with the Technical POCs identified below. No changes to the previously approved proposal are required at this time.

9a. PROPOSED SOLUTION (NOT TO EXCEED 2 PAGES):

9b. BUDGET (USE EMBEDDED TABS FOR BUDGET BREAKDOWN):

CLIN	DESCRIPTION	TOTAL
1002	LABOR	$0
1003	MATERIALS	$0
1004	ODCs	$0
1005	TRAVEL	$0
TOTAL		**$ 0.00**

9c. TD SOLUTION BASIS OF ESTIMATE – DESCRIPTION (NOT TO EXCEED 2 PAGES):

10. FUNDING AUTHORIZED THIS TD REV:

CLIN	COST CODE	COST	POP START	POP END
1002	LABOR	$ -		
1003	MATERIALS	$ -		
1004	ODCs	$ -		
1005	TRAVEL	$ -		
	TOTAL	$ -		

COMMENTS (OPTIONAL):

11a. FUNDS AUTHORIZED FOR THIS TD REV:
$ **$0**

11b. FUNDS AUTHORIZED INCLUSIVE OF ALL REV:
$ **$0**

12a. CURRENT PERIOD OF PERFORMANCE
21-SEP-2015 – 15 MAY 2016

12b. TD REV PERIOD OF PERFORMANCE
15-MAY-2016 – 15-AUG-2016

1 FOIA (b)(6)
S
Date **13 May 2016**

14. REGION
EUCOM/ Georgia

15. TECHNICAL POINTS OF CONTACT
Georgia Country Manager (b)(6)
(b)(6)
EUCOM Regional Science Manag (b)(6)
(b)(6)

16. CONTRACTING OFFICER REPRESENTATIVE APPROVAL
X
(b)(6)
COR/ J3CTB Program Manager

Instructions: Government to complete Blocks 1-8, 10-12, 14-16. Contractor to complete Blocks 9 and 13 only.

1. Contract Number
2. Contractor – Full Company Name
3. Technical Directive Number
4. Technical Directive Title
5. Total Estimated Technical Directive - Hours and Dollars
6. Contracting Officer Representative – Contact details
7. Contractor Point of Contact – Details
8. Description of the Technical Directive – Government Provided
9. Solution:
    a. Proposed Solution: Contractor's proposed solution (including approach, schedule, and risk analysis) for TD. Not to exceed 3 pages.
    b. Budget: Contractor enter proposed quantity(ies) for TD completion.
    c. Technical Directive Solution Basis of Estimate – Description: Contractor complete the BOE for proposed solution to TD. Not to exceed 3 pages.
10. Funding Authorized this TD: Identifies information for billing purposes
11. Funds Authorized
    a. Funds Authorized for this TD Revision Exclusively
    b. Funds Authorized inclusive of all Revisions, Cummulative Total
12. Period of Performance
    a. Current
    b. TD Rev POP
13. Contractor: Sign & Date
14. Region for Technical Directive
15. Technical Points of Contact
16. Contracting Officer Representative Approval: Sign & Date

Defense Threat Reduction Agency
And USSTRATCOM Center for Combating WMD
8725 John J. Kingman Rd, Stop 6201
Fort Belvoir, VA 22060-6201

TECHNICAL DIRECTIVE (TD)

1. CONTRACT NUMBER	2. CONTRACTOR	3a.TD NUMBER	3b.REV
HDTRA1 -14-C-0104	METABIOTA	019	A

4. TD TITLE	5. TOTAL TD ESTIMATE:
On-site Expertise in Genomic Research Activities at the Richard G. Lugar Center for Public Health Research in Georgia	HOURS: _____ DOLLARS: $ **$382,331**

6. CONTRACING OFFICER REPRESENTATIVE	7. CONTRACTOR POC
NAME: (b)(6)	NAME: (b)(6)
PHONE (b)(6) EMAIL (b)(6)	PHONE (b)(6) EMAIL: (b)(6)

8. DESCRIPTION OF TD (NOT TO EXCEED 1 PAGE):

This revision extends the Period of Performance (PoP) for TD-018 from 15 May 2016 to 15 November 2016. This PoP extension is to continue providing on-site expertise in microbiology research activities at the Richard G. Lugar Center for Public Health Research in Georgia. Metabota should coordinate directly with the Technical POCs identified below. Your technical approach as outlined in TD-019, proposed budget, and basis of estimate for continuing this requirement, not to exceed $342,000 is requested by 17 May 2016. Please note that the current Metabiota contract does not allow for logistical support services, such as translation, shipping & customs clearance, conference services, etc. These requirements will be coordinated through CLS and the in-country DTRO (as appropriate) by the CBEP POCs below. No further changes to the previously approved proposal are required at this time.

9a. PROPOSED SOLUTION (NOT TO EXCEED 2 PAGES):

Proposal Development & Initiation:
Metabiota developed a project plan and implementation strategy, which aligns with narrative from Box 8 of the original version of the TD. A key assumption for this effort is that the Georgian scientists are generally capable of conducting microbiological analyses on their own but that the requested support personnel will occasionally be asked to directly perform microbiological analyses. A second key assumption for this effort is that it is expected to be a full-time expat position. It is anticipated that the plan for TD-019 is considered a living document and it is expected that revisions to the plan will be necessary following stakeholder meetings. During proposal development, Metabiota expects to use Program Manager (PM) and Project Coordinator (PC, billed as Subject Matter Expert (SME) I) time to identify the best path forward, required deliverables, and any other programmatic requirements which can reasonably be expected to be a part of this project.

Project Coordination:
From the information provided in Box 8, Metabiota assumes that the unspecified CBEP-funded research projects are ongoing affairs led by third parties. In order to effectively ensure that an appropriate microbiology subject matter expert (microbiology SME, billed as a Visiting Scientist/VS) is available to provide the requested mentoring, the Metabiota PM and PC will, upon approval of the TD, continue to engage relevant DTRA CBEP and Lugar Center stakeholders to identify how, where, and when project status updates are communicated (for example, monthly teleconference, weekly email exchanges, etc.) and what the onboarding and daily requirements are for working at the Lugar Center. Upon approval and receipt of additional information, the Metabiota PM and PC will identify a VS and work to either onboard them as a Metabiota employee, or establish a subcontract or independent consulting arrangement with the VS. The Metabiota PM, PC, and VS will participate in project communications in order to understand what mentoring activities will be required. The Metabiota PM and PC will work with the VS to ensure that all necessary documentation required prior to travel is completed correctly and submitted on time, and that all trip reports are filed on time. The Metabiota Travel Coordinator will coordinate with the project team to ensure that transportation and lodging arrangements are secured. The Metabiota PM and PC will work with the project teams to ensure any need for translation, interpretation, or other logistical requirements are adequately anticipated and communicated to CLS and/or DTRO-Tbilisi.

Mentoring and Performance of Microbiological Research:
Mentoring will consist of in-country mentoring. Based on our understanding of the requirements, Metabiota does not expect to be required to provide primary microbiological analysis support to the various projects being conducted at the Lugar Center. The PM and PC will maintain regular communications with the VS to ensure that the VS has all required resources for mentoring. After assessing the need for microbiology mentoring, the VS will work with the PM, PC, and other appropriate stakeholders to develop mentoring work plans. The VS will then implement the mentoring work plans, only assisting with actual analyses and scientific writing when necessary.

Risk Management:
In order to maintain our course of action and guarantee project implementation that will reduce regional risk and forward DTRA CBEP's mission, Metabiota must overcome the obstacles included (but not limited to) those listed in the Risk Management Matrix shown below. Identifying and acknowledging the risks associated with not implementing this activity, as well as capturing the risks associated with conducting and completing it, to include contingency planning and course correction measures will lead to overall regional risk reduction, as outlined in the Risk Management Matrix.

9b. BUDGET (USE EMBEDDED TABS FOR BUDGET BREAKDOWN):

Table 1: Incremental funding requested for 16 May 2016 – 15 November 2016, per CLIN. Please note that labor rates have changed.

CLIN	DESCRIPTION	TOTAL
1002	LABOR	$323,696.71
1003	MATERIALS	$0
1004	ODCs	$0
1005	TRAVEL	$0
TOTAL		**$323,696.71**

9c. TD SOLUTION BASIS OF ESTIMATE – DESCRIPTION (NOT TO EXCEED 2 PAGES):

Labor

Costs for direct labor to support this activity is required for the following personnel:

All phases:

Metabiota Program Manager: The Metabiota PM will provide oversight of the planning and execution of program objectives towards the completion of DTRA CBEP goals at the regional level and will lead communication with DTRA CBEP for this activity. The PM will do so by participating in proposal development and maintaining oversight of stakeholder and subcontractor coordination and project execution, including anticipating, managing, and communicating projects risks and recommended mitigation strategies to the funder. The PM will ensure Metabiota and other DTRA CBEP subcontractors meet all project requirements and deliverables while ensuring the program remains within scope, budget, and timeline. The PM will lead communication with DTRA CBEP for this activity.

The Metabiota PM will additionally provide management oversight of the microbiology SME and the integration with other project stakeholders throughout the duration of this project. The PM will also ensure that all project personnel (Metabiota and any subcontractors) adhere to DoD and DTRA CBEP standard operating procedures and operational requirements to include overseeing the development of Statements of Work (SOW) and appropriate budgets under the T&M mechanism, the acquisition of Defense Base Act insurance, and any other requirements which may be applicable to the work.

Metabiota Subject Matter Expert 1: The Metabiota SME 1 will act as a Project Coordinator (PC) throughout the planning and execution of project objectives, as well as participating in proposal development. The Metabiota PC will lead the planning and execution of DTRA CBEP objectives towards the completion of project goals. The PC will do so by participating in proposal development and leading stakeholder and subcontractor coordination and project execution, including assisting the PM in anticipating, managing, and communicating project risks and recommended mitigation strategies to the funder. The PC will regularly communicate the project status with the PM. The PC will manage the microbiology SME, to include leading regular coordination calls with the microbiology SME, participating in regular communications between the project stakeholders and the microbiology SME, and coordinating with the microbiology SME to ensure all project requirements and deliverables are met and the program remains within scope, budget, and timeline. The PC will aid the PM and VS in ensuring project startup and closeout are completed to the satisfaction of the funder.

The Metabiota PC will aid the PM in ensuring that all personnel adhere to operational requirements imposed by DoD or DTRA CBEP standard operating procedures. As the microbiology SME may be unfamiliar with DoD contracting, the Metabiota PC will assist the SME and/or their organization with adhering to DoD contracting requirements, to include developing Statements of Work (SOW) and appropriate budgets under the T&M mechanism, the acquisition of Defense Base Act insurance, and any other requirements which may be applicable to the work. The Metabiota PC will provide continuing management oversight over the subcontractors and independent consultants throughout the span of the project.

Visiting Scientist: The VS will serve as the microbiology SME. The VS will participate in regular project coordination communications (teleconferences, emails) to ensure that they understand the context of each project, the needs and expectations of the Georgian scientists, and the microbiological subject matter expertise needed. The VS will provide mentoring as directed by the respective project leads. The VS will be working full-time on this effort.

Materials

No additional material procurements are anticipated on this effort, and thus no additional funds are being requested on this CLIN through the extended period of performance.

Other Direct Costs

Per contract guidelines, DBA insurance is required for all personnel engaged on the AEP project. DBA insurance will be applied for labor costs incurred overseas. Metabiota maintains a blanket DBA policy for all personnel and will add the VS and any other performers meeting DBA requirements to this policy as they are engaged. A reconciliation of the total DBA will be performed prior to final invoicing to ensure accuracy of the charges, in accordance with total hours worked. If necessary, final invoicing will be adjusted to reflect the final DBA allocation numbers. At this time, no additional funds are being requested for DBA, as the previously requested amount for CLIN 1004 should be sufficient to cover further DBA costs.

Travel

Travel is requested to support the deployment of the VS to Batumi, Georgia or other locations within Georgia as needs arise. At this time, no additional funds are being requested for travel, as the previously requested amount for CLIN 1005 should be sufficient to cover one additional trip. Travel on the AEP contract is cost reimbursable.

10. FUNDING AUTHORIZED THIS TD REV:

CLIN	COST CODE		COST	POP START	POP END
1002	LABOR	$	323,696.71		
1003	MATERIALS	$	-		
1004	ODCs	$	-		
1005	TRAVEL	$	-		
	TOTAL	**$**	**323,696.71**		

COMMENTS (OPTIONAL):

11a. FUNDS AUTHORIZED FOR THIS TD REV: $ **$323,696.71** 11b. FUNDS AUTHORIZED INCLUSIVE OF ALL REV: $ **$706,027.71**	12a. CURRENT PERIOD OF PERFORMANCE **23-SEP-2015 – 15 MAY 2016** 12b. TD REV PERIOD OF PERFORMANCE **15-MAY-2016 – 15-NOV-2016**	**13. CONTRACTOR SIGNATURE AND DATE** Signature:_____ Date:_____
14. REGION EUCOM/ Georgia	**15. TECHNICAL POINTS OF CONTACT** Georgia Country Manager (b)(6) (b)(6) EUCOM Regional Science Manager (b)(6) (b)(6)	**16. CONTRACTING OFFICER REPRESENTATIVE APPROVAL** X (b)(6) COR/ J3CTB Program Manager

Instructions: Government to complete Blocks 1-8, 10-12, 14-16. Contractor to complete Blocks 9 and 13 only.

1. Contract Number
2. Contractor – Full Company Name
3. Technical Directive Number
4. Technical Directive Title
5. Total Estimated Technical Directive - Hours and Dollars
6. Contracting Officer Representative – Contact details
7. Contractor Point of Contact – Details
8. Description of the Technical Directive – Government Provided
9. Solution:
    a. Proposed Solution: Contractor's proposed solution (including approach, schedule, and risk analysis) for TD. Not to exceed 3 pages.
    b. Budget: Contractor enter proposed quantity(ies) for TD completion.
    c. Technical Directive Solution Basis of Estimate – Description: Contractor complete the BOE for proposed solution to TD. Not to exceed 3 pages.
10. Funding Authorized this TD: Identifies information for billing purposes
11. Funds Authorized
    a. Funds Authorized for this TD Revision Exclusively
    b. Funds Authorized inclusive of all Revisions, Cummulative Total
12. Period of Performance
    a. Current
    b. TD Rev POP
13. Contractor: Sign & Date
14. Region for Technical Directive
15. Technical Points of Contact
16. Contracting Officer Representative Approval: Sign & Date

Defense Threat Reduction Agency
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8725 John J. Kingman Rd. Stop 6201
Fort Belvoir, VA 22060-6201

TECHNICAL DIRECTIVE (TD)

1. CONTRACT NUMBER	2. CONTRACTOR	3a.TD NUMBER	3b.REV
HDTRA1 -14-C-0104	METABIOTA	021	A

4. TD TITLE

Iraq Field Epidemiology Training Program (FETP) Support

5. TOTAL TD ESTIMATE:

HOURS: 5,750 DOLLARS: $ **$761,026**

6. CONTRACING OFFICER REPRESENTATIVE

NAME: (b)(6)

PHONE: (b)(6) EMAIL: (b)(6)

7. CONTRACTOR POC

NAME: (b)(6)

PHONE: (b)(6) EMAIL: (b)(6)

8. DESCRIPTION OF TD (NOT TO EXCEED 1 PAGE):

This revision extends the Period of Performance (PoP) for TD-021 from 15 May 2016 to 15 November 2016 at no additional cost. This PoP extension is to provide enough time to continue providing field epidemiology training support in Iraq. Metabota should coordinate directly with the Technical POCs identified below. No changes to the previously approved proposal are required at this time.

9a. PROPOSED SOLUTION (NOT TO EXCEED 2 PAGES):

9b. BUDGET (USE EMBEDDED TABS FOR BUDGET BREAKDOWN):

CLIN	DESCRIPTION	TOTAL
1002	LABOR	$0
1003	MATERIALS	$0
1004	ODCs	$0
1005	TRAVEL	$0
TOTAL		**$0.00**

9c. TD SOLUTION BASIS OF ESTIMATE – DESCRIPTION (NOT TO EXCEED 2 PAGES):

10. FUNDING AUTHORIZED THIS TD REV:

CLIN	COST CODE	COST	POP START	POP END
1002	LABOR	$ -		
1003	MATERIALS	$ -		
1004	ODCs	$ -		
1005	TRAVEL	$ -		
	TOTAL	**$ -**		

COMMENTS (OPTIONAL):

11a. FUNDS AUTHORIZED FOR THIS TD REV:

$ **$0**

11b. FUNDS AUTHORIZED INCLUSIVE OF ALL REV:

$ **$761,026**

12a. CURRENT PERIOD OF PERFORMANCE

24-FEB-2016 – 15 MAY 2016

12b. TD REV PERIOD OF PERFORMANCE

15-MAY-2016 – 15-NOV-2016

13. CO FOIA (b)(6) DATE

Signat

Date: **13 May 2016**

14. REGION

CENTCOM/ Iraq

15. TECHNICAL POINTS OF CONTACT

(b)(6)
Iraq Country Manager
(b)(6)

16. CONTRACTING OFFICER REPRESENTATIVE APPROVAL

X

(b)(6)
COR/ J3CTB Program Manager

Instructions: Government to complete Blocks 1-8, 10-12, 14-16. Contractor to complete Blocks 9 and 13 only.

1. Contract Number
2. Contractor – Full Company Name
3. Technical Directive Number
4. Technical Directive Title
5. Total Estimated Technical Directive - Hours and Dollars
6. Contracting Officer Representative – Contact details
7. Contractor Point of Contact – Details
8. Description of the Technical Directive – Government Provided
9. Solution:
    a. Proposed Solution: Contractor's proposed solution (including approach, schedule, and risk analysis) for TD. Not to exceed 3 pages.
    b. Budget: Contractor enter proposed quantity(ies) for TD completion.
    c. Technical Directive Solution Basis of Estimate – Description: Contractor complete the BOE for proposed solution to TD. Not to exceed 3 pages.
10. Funding Authorized this TD: Identifies information for billing purposes
11. Funds Authorized
    a. Funds Authorized for this TD Revision Exclusively
    b. Funds Authorized inclusive of all Revisions, Cummulative Total
12. Period of Performance
    a. Current
    b. TD Rev POP
13. Contractor: Sign & Date
14. Region for Technical Directive
15. Technical Points of Contact
16. Contracting Officer Representative Approval: Sign & Date

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Fort Belvoir, VA 22060-6201

TECHNICAL DIRECTIVE (TD)

1. CONTRACT NUMBER	2. CONTRACTOR	3a.TD NUMBER	3b.REV
HDTRA1 -14-C-0104	METABIOTA	022	A

4. TD TITLE	5. TOTAL TD ESTIMATE:
Uganda Biosurveillance and Grantsmanship Training	HOURS: _____ DOLLARS: $ **$253,635.27**

6. CONTRACING OFFICER REPRESENTATIVE	7. CONTRACTOR POC
NAME: (b)(6)	NAME: (b)(6)
PHONE: (b)(6) EMAIL: (b)(6)	PHONE (b)(6) EMAIL (b)(6)

8. DESCRIPTION OF TD (NOT TO EXCEED 1 PAGE):

This revision extends the Period of Performance (PoP) for TD-022 from 15 May 2016 to 15 November 2016 at no additional cost. This PoP extension is to provide enough time to continue providing grantsmanship training and subject matter expert (SME) assistance for the coordination of project design, research proposal development, and implementation of a pilot biosurveillance study in Uganda. Metabota should coordinate directly with the Technical POCs identified below. No changes to the previously approved proposal are required at this time.

9a. PROPOSED SOLUTION (NOT TO EXCEED 2 PAGES):

9b. BUDGET (USE EMBEDDED TABS FOR BUDGET BREAKDOWN):

CLIN	DESCRIPTION	TOTAL
1002	LABOR	$0
1003	MATERIALS	$0
1004	ODCs	$0
1005	TRAVEL	$0
TOTAL		**$0.00**

9c. TD SOLUTION BASIS OF ESTIMATE – DESCRIPTION (NOT TO EXCEED 2 PAGES):

10. FUNDING AUTHORIZED THIS TD REV:

CLIN	COST CODE	COST	POP START	POP END
1002	LABOR	$ -		
1003	MATERIALS	$ -		
1004	ODCs	$ -		
1005	TRAVEL	$ -		
	TOTAL	**$ -**		

COMMENTS (OPTIONAL):

11a. FUNDS AUTHORIZED FOR THIS TD REV:	12a. CURRENT PERIOD OF PERFORMANCE	13. CONTRACTOR SIGNATURE AND DATE
$ **$0**	**21-MAR-2016 – 15 MAY 2016**	FOIA (b)(6)
11b. FUNDS AUTHORIZED INCLUSIVE OF ALL REV:	12b. TD REV PERIOD OF PERFORMANCE	Signature: [redacted]
$ **$253,635.27**	**15-MAY-2016 – 15-NOV-2016**	Date: **13 May 2016**

14. REGION	15. TECHNICAL POINTS OF CONTACT	16. CONTRACTING OFFICER REPRESENTATIVE APPROVAL
AFRICOM/ Uganda	AFRICOM Science Manager (b)(6) (b)(6)	X (b)(6) COR/ J3CTB Program Manager

Instructions: Government to complete Blocks 1-8, 10-12, 14-16. Contractor to complete Blocks 9 and 13 only.

1. Contract Number
2. Contractor – Full Company Name
3. Technical Directive Number
4. Technical Directive Title
5. Total Estimated Technical Directive - Hours and Dollars
6. Contracting Officer Representative – Contact details
7. Contractor Point of Contact – Details
8. Description of the Technical Directive – Government Provided
9. Solution:
    a. Proposed Solution: Contractor's proposed solution (including approach, schedule, and risk analysis) for TD. Not to exceed 3 pages.
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10. Funding Authorized this TD: Identifies information for billing purposes
11. Funds Authorized
    a. Funds Authorized for this TD Revision Exclusively
    b. Funds Authorized inclusive of all Revisions, Cummulative Total
12. Period of Performance
    a. Current
    b. TD Rev POP
13. Contractor: Sign & Date
14. Region for Technical Directive
15. Technical Points of Contact
16. Contracting Officer Representative Approval: Sign & Date

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Fort Belvoir, VA 22060-6201

TECHNICAL DIRECTIVE (TD)

1. CONTRACT NUMBER	2. CONTRACTOR	3a.TD NUMBER	3b.REV
HDTRA1 -14-C-0104	METABIOTA	023	A

4. TD TITLE
South Africa One Health Epidemiology Short Course Curriculum Updates and Edits

5. TOTAL TD ESTIMATE:
HOURS: 700 DOLLARS: $ **$110,000**

6. CONTRACING OFFICER REPRESENTATIVE
NAME: (b)(6)
PHONE: (b)(6) EMAIL: (b)(6)

7. CONTRACTOR POC
NAME: (b)(6)
PHONE: (b)(6) EMAIL: (b)(6)

8. DESCRIPTION OF TD (NOT TO EXCEED 1 PAGE):

This revision extends the Period of Performance (PoP) for TD-023 from 15 May 2016 to 15 November 2016 at no additional cost. This PoP extension is to provide enough time to continue implementing revisions (identified in TD-10) to the Walter Reed Army Institute of Research (WRAIR) Epidemiology Short Course curriculum as this material will be transformed into an adapted One Health Epidemiology Short Course, tailored for South Africa. Metabota should coordinate directly with the Technical POCs identified below. No changes to the previously approved proposal are required at this time.

9a. PROPOSED SOLUTION (NOT TO EXCEED 2 PAGES):

9b. BUDGET (USE EMBEDDED TABS FOR BUDGET BREAKDOWN):

CLIN	DESCRIPTION	TOTAL
1002	LABOR	$0
1003	MATERIALS	$0
1004	ODCs	$0
1005	TRAVEL	$0
TOTAL		**$0.00**

9c. TD SOLUTION BASIS OF ESTIMATE – DESCRIPTION (NOT TO EXCEED 2 PAGES):

10. FUNDING AUTHORIZED THIS TD REV:

CLIN	COST CODE	COST	POP START	POP END
1002	LABOR	$ -		
1003	MATERIALS	$ -		
1004	ODCs	$ -		
1005	TRAVEL	$ -		
	TOTAL	$ -		

COMMENTS (OPTIONAL):

11a. FUNDS AUTHORIZED FOR THIS TD REV:
$ **$0**

11b. FUNDS AUTHORIZED INCLUSIVE OF ALL REV:
$ **$110,000**

12a. CURRENT PERIOD OF PERFORMANCE
21-MAR-2016 – 15 MAY 2016

12b. TD REV PERIOD OF PERFORMANCE
15-MAY-2016 – 15-NOV-2016

13. CONTRACTOR SIGNATURE AND DATE
FOIA (b)(6)
Signature: [redacted]
Date: **13 May 2016**

14. REGION
AFRICOM/ South Africa

15. TECHNICAL POINTS OF CONTACT
South Africa Country Manager:
(b)(6)
AFRICOM Science Manager
(b)(6)

16. CONTRACTING OFFICER REPRESENTATIVE APPROVAL
X
(b)(6)
COR/ J3CTB Program Manager

Instructions: Government to complete Blocks 1-8, 10-12, 14-16. Contractor to complete Blocks 9 and 13 only.

1. Contract Number
2. Contractor – Full Company Name
3. Technical Directive Number
4. Technical Directive Title
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6. Contracting Officer Representative – Contact details
7. Contractor Point of Contact – Details
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12. Period of Performance
    a. Current
    b. TD Rev POP
13. Contractor: Sign & Date
14. Region for Technical Directive
15. Technical Points of Contact
16. Contracting Officer Representative Approval: Sign & Date

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TECHNICAL DIRECTIVE (TD)

1. CONTRACT NUMBER	2. CONTRACTOR	3a.TD NUMBER	3b.REV
HDTRA1 -14-C-0104	METABIOTA	024	A

4. TD TITLE
Film Narrative of Epigenetics and Genomics of Infectious Diseases in the Middle East and South Asia

5. TOTAL TD ESTIMATE:
HOURS: 160 DOLLARS: $ **$49,877.97**

6. CONTRACING OFFICER REPRESENTATIVE
NAME: (b)(6)
PHONE: (b)(6) EMAIL: (b)(6)

7. CONTRACTOR POC
NAME: (b)(6)
PHONE: (b)(6) EMAIL: (b)(6)

8. DESCRIPTION OF TD (NOT TO EXCEED 1 PAGE):

This revision extends the Period of Performance (PoP) for TD-024 from 15 May 2016 to 30 June 2016 at no additional cost. This PoP extension is to provide enough time to continue developing a Film Narrative of Epigenetics and Genomics of Infectious Diseases in the Middle East, South Asia and CBEP collaborations in the CENTOM Region. Metabiota should coordinate directly with the Technical POCs identified below. No changes to the previously approved proposal are required at this time.

9a. PROPOSED SOLUTION (NOT TO EXCEED 2 PAGES):

9b. BUDGET (USE EMBEDDED TABS FOR BUDGET BREAKDOWN):

CLIN	DESCRIPTION	TOTAL
1002	LABOR	$0
1003	MATERIALS	$0
1004	ODCs	$0
1005	TRAVEL	$0
TOTAL		**$0.00**

9c. TD SOLUTION BASIS OF ESTIMATE – DESCRIPTION (NOT TO EXCEED 2 PAGES):

10. FUNDING AUTHORIZED THIS TD REV:

CLIN	COST CODE	COST	POP START	POP END
1002	LABOR	$ -		
1003	MATERIALS	$ -		
1004	ODCs	$ -		
1005	TRAVEL	$ -		
	TOTAL	**$ -**		

COMMENTS (OPTIONAL):

11a. FUNDS AUTHORIZED FOR THIS TD REV:
$ **$0**

11b. FUNDS AUTHORIZED INCLUSIVE OF ALL REV:
$ **$49,877.97**

12a. CURRENT PERIOD OF PERFORMANCE
01-MAY-2016 – 15 MAY 2016

12b. TD REV PERIOD OF PERFORMANCE
15-MAY-2016 – 30-JUN-2016

13. CONTRACTOR SIGNATURE AND DATE
FOIA (b)(6)
Signature: [redacted]
Date: **13 May 2016**

14. REGION
CENTCOM/ Regional

15. TECHNICAL POINTS OF CONTACT
(b)(6) CENTCOM Science Lead.
(b)(6)
(b)(6) - CENTCOM Regional Lead.
(b)(6)

16. CONTRACTING OFFICER REPRESENTATIVE APPROVAL
X
(b)(6)
COR/ J3CTB Program Manager

Instructions: Government to complete Blocks 1-8, 10-12, 14-16. Contractor to complete Blocks 9 and 13 only.

1. Contract Number
2. Contractor – Full Company Name
3. Technical Directive Number
4. Technical Directive Title
5. Total Estimated Technical Directive - Hours and Dollars
6. Contracting Officer Representative – Contact details
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12. Period of Performance
    a. Current
    b. TD Rev POP
13. Contractor: Sign & Date
14. Region for Technical Directive
15. Technical Points of Contact
16. Contracting Officer Representative Approval: Sign & Date

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Fort Belvoir, VA 22060-6201

TECHNICAL DIRECTIVE (TD)

1. CONTRACT NUMBER	2. CONTRACTOR	3a.TD NUMBER	3b.REV
HDTRA1 -14-C-0104	METABIOTA	024	B

4. TD TITLE	5. TOTAL TD ESTIMATE:
Film Narrative of Epigenetics and Genomics of Infectious Diseases in the Middle East and South Asia	HOURS: _____ DOLLARS: $ **$2,000**

6. CONTRACING OFFICER REPRESENTATIVE	7. CONTRACTOR POC
NAME: (b)(6)	NAME: (b)(6)
PHONE: (b)(6) EMAIL: (b)(6)	PHONE: (b)(6) EMAIL: (b)(6)

8. DESCRIPTION OF TD (NOT TO EXCEED 1 PAGE):

This revision extends the Period of Performance (PoP) for TD-024 from 30 June 2016 to 31 July 2016. This PoP extension is to provide enough time to continue developing a Film Narrative of Epigenetics and Genomics of Infectious Diseases in the Middle East, South Asia and CBEP collaborations in the CENTCOM Region and route through DTRA PAO office. In addition, contractor shall add closed caption features to the film narrative and all subsequent copies via various media types develop under this TD not to exceed $2,000. Metabiota should coordinate directly with the Technical POCs identified below. No additional changes to the previously approved proposal are required at this time.

9a. PROPOSED SOLUTION (NOT TO EXCEED 2 PAGES):

Metabiota will continue development of the film narrative highlighting CBEP efforts in the CENTCOM region, and specifically the conference held on the Epigenetics and Genomics of Infectious Diseases in the Middle East and South Asia. To support this effort, an extended PoP through 31 July 2016 is required to ensure completion of the short film, supporting additional time to include closed captioning and voice over options, as well as secure PAO approval prior to release. In direct support of this effort and PAO requirements, Metabiota will continue to engage August II Productions, the vendor responsible for film production, to include a voice over for the film narrative and closed captioning.

To facilitate the voice over requirements, August II Productions will secure studio time to record the voice over, being read by (b)(6) for this effort. In addition, (b)(6) Executive Producer at August II Productions will work with (b)(6) to coach him on professional voice over requirements and execution to ensure a professional narrative and film is achieved. Once the voice over is recorded, FOIA (b)(6) and her editing team will overlay the voice over on the film footage, and complete final edits, as needed, for it's incorporation.

In addition, August II Productions, will provide closed captioning options on the film, per the DTRA PAO office. Production of closed captioning will include creating the transcript of the entire film, caption files, encoding, and ensuring that the final closed captioning film will be accessible on all forms of media, to include straight-play DVD, and digital files for YouTube and other media channels determined necessary and appropriate by DTRA.

To achieve these requirements, the Metabiota PM will augment the services agreement with August II Productions to include both the voice over and closed captioning services. The Metabiota PM and PC will work with August II Productions to realign the schedule in accordance with the PoP and oversee all activities to ensure completion within the assigned timeframe. The Metabiota team will remain in weekly communication with CBEP regional team leads to maintain visibility on project scope and achievements.

9b. BUDGET (USE EMBEDDED TABS FOR BUDGET BREAKDOWN):

CLIN	DESCRIPTION	TOTAL
1002	LABOR	$0
1003	MATERIALS	$2,000
1004	ODCs	$0
1005	TRAVEL	$0
TOTAL		**$2,000**

9c. TD SOLUTION BASIS OF ESTIMATE DESCRIPTION (NOT TO EXCEED 2 PAGES):

Materials

Voice Over: Voice over costs include studio time for (b)(6) to record the voice over narrative. This will also include time with FOIA (b)(6), the Executive Producer for coaching, editing of the script, as needed, and multiple readings to ensure a professional and polished product, as well as any additional "takes" required, as the final film is developed, or at the request of the PAO office following review of the product.

Closed Captioning: Closed captioning costs include creating the film transcript, caption files, encoding, and closed captioning compatibility with multiple media options, to include straight-play DVD and digital files. Costs also include any edits or revisions required in the closed captioning transcripts should they be be required during the production of the film, or at the request of the PAO office following review of the product.

No other costs or requirements are deemed necessary at this time.

10. FUNDING AUTHORIZED THIS TD REV:

CLIN	COST CODE	COST	POP START	POP END
1002	LABOR	$ -		
1003	MATERIALS	$ 2,000.00		
1004	ODCs	$ -		
1005	TRAVEL	$ -		
	TOTAL	**$ 2,000.00**		

COMMENTS (OPTIONAL):

11a. FUNDS AUTHORIZED FOR THIS TD REV:

$ $2,000.00

11b. FUNDS AUTHORIZED INCLUSIVE OF ALL REV:

$ $51,877.97

12a. CURRENT PERIOD OF PERFORMANCE

15-MAY-2016 – 30-JUN-2016

12b. TD REV PERIOD OF PERFORMANCE

15-MAY-2016 – 31-JUL-2016

13. CONTRACTOR SIGNATURE AND DATE

Signature:_____

Date:_____

14. REGION

CENTCOM/ Regional

15. TECHNICAL POINTS OF CONTACT

(b)(6) CENTCOM Science Lead,
(b)(6)
(b)(6) CENTCOM Regional Lead
(b)(6)

16. CONTRACTING OFFICER REPRESENTATIVE APPROVAL

X

(b)(6)

COR/ J3CTB Program Manager

Instructions: Government to complete Blocks 1-8, 10-12, 14-16. Contractor to complete Blocks 9 and 13 only.

1. Contract Number
2. Contractor – Full Company Name
3. Technical Directive Number
4. Technical Directive Title
5. Total Estimated Technical Directive - Hours and Dollars
6. Contracting Officer Representative – Contact details
7. Contractor Point of Contact – Details
8. Description of the Technical Directive – Government Provided
9. Solution:
    a. Proposed Solution: Contractor's proposed solution (including approach, schedule, and risk analysis) for TD. Not to exceed 3 pages.
    b. Budget: Contractor enter proposed quantity(ies) for TD completion.
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    b. Funds Authorized inclusive of all Revisions, Cummulative Total
12. Period of Performance
    a. Current
    b. TD Rev POP
13. Contractor: Sign & Date
14. Region for Technical Directive
15. Technical Points of Contact
16. Contracting Officer Representative Approval: Sign & Date

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Fort Belvoir, VA 22060-6201

TECHNICAL DIRECTIVE (TD)

1. CONTRACT NUMBER	2. CONTRACTOR	3a.TD NUMBER	3b.REV
HDTRA1 -14-C-0104	METABIOTA	025	A

4. TD TITLE	5. TOTAL TD ESTIMATE:
Technical Writing and Grantsmanship Workshop, Ethiopia	HOURS: _____ DOLLARS: $ **$86,957.81**

6. CONTRACING OFFICER REPRESENTATIVE	7. CONTRACTOR POC
NAME: (b)(6)	NAME: (b)(6)
PHONE (b)(6) EMAIL: (b)(6)	PHONE (b)(6) EMAIL: (b)(6)

8. DESCRIPTION OF TD (NOT TO EXCEED 1 PAGE):

This revision extends the Period of Performance (PoP) for TD-025 from 15 May 2016 to 15 November 2016 at no additional cost. This PoP extension is to provide enough time to continue developing a writing workshop for Ethiopian collaborators from the Ethiopian Public Health Institute (EPHI) and National Animal Health Diagnostic and Investigation Center (NAHDIC). Metabota should coordinate directly with the Technical POCs identified below. No changes to the previously approved proposal are required at this time.

9a. PROPOSED SOLUTION (NOT TO EXCEED 2 PAGES):

9b. BUDGET (USE EMBEDDED TABS FOR BUDGET BREAKDOWN):

CLIN	DESCRIPTION	TOTAL
1002	LABOR	$0
1003	MATERIALS	$0
1004	ODCs	$0
1005	TRAVEL	$0
TOTAL		**$0.00**

9c. TD SOLUTION BASIS OF ESTIMATE – DESCRIPTION (NOT TO EXCEED 2 PAGES):

10. FUNDING AUTHORIZED THIS TD REV:

CLIN	COST CODE	COST	POP START	POP END
1002	LABOR	$ -		
1003	MATERIALS	$ -		
1004	ODCs	$ -		
1005	TRAVEL	$ -		
	TOTAL	**$ -**		

COMMENTS (OPTIONAL):

11a. FUNDS AUTHORIZED FOR THIS TD REV:	12a. CURRENT PERIOD OF PERFORMANCE	13. CONTRACTOR AUTHORIZATION
$ **$0**	**2-MAY-2016 – 15 MAY 2016**	FOIA (b)(6)
11b. FUNDS AUTHORIZED INCLUSIVE OF ALL REV:	12b. TD REV PERIOD OF PERFORMANCE	Signature [redacted]
$ **$86,957.81**	**15-MAY-2016 – 15-NOV-2016**	Date **13 May 2016**

14. REGION	15. TECHNICAL POINTS OF CONTACT	16. CONTRACTING OFFICER REPRESENTATIVE APPROVAL
AFRICOM/ Ethiopia	Ethiopia Country Manager: (b)(6) AFRICOM Science Manager: (b)(6)	X (b)(6) COR/ J3CTB Program Manager

Instructions: Government to complete Blocks 1-8, 10-12, 14-16. Contractor to complete Blocks 9 and 13 only.

1. Contract Number
2. Contractor – Full Company Name
3. Technical Directive Number
4. Technical Directive Title
5. Total Estimated Technical Directive - Hours and Dollars
6. Contracting Officer Representative – Contact details
7. Contractor Point of Contact – Details
8. Description of the Technical Directive – Government Provided
9. Solution:
    a. Proposed Solution: Contractor's proposed solution (including approach, schedule, and risk analysis) for TD. Not to exceed 3 pages.
    b. Budget: Contractor enter proposed quantity(ies) for TD completion.
    c. Technical Directive Solution Basis of Estimate – Description: Contractor complete the BOE for proposed solution to TD. Not to exceed 3 pages.
10. Funding Authorized this TD: Identifies information for billing purposes
11. Funds Authorized
    a. Funds Authorized for this TD Revision Exclusively
    b. Funds Authorized inclusive of all Revisions, Cummulative Total
12. Period of Performance
    a. Current
    b. TD Rev POP
13. Contractor: Sign & Date
14. Region for Technical Directive
15. Technical Points of Contact
16. Contracting Officer Representative Approval: Sign & Date

Completed by Prrogram Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	to Apply to program
		(b)(6)			
TD 13 OHE	01021.02.013.OHE.04		EMP	44.00	$ 71.13
TD 13 OHE	01021.02.013.OHE.04		EMP	0.00	
TD 13 OHE	01021.02.013.OHE.04		EMP	55.00	$ 198.28
TD 13 OHE	01021.02.013.OHE.04		IC	40.00	$ 30.80
TD 13 OHE Total					**$ 300.21**
TD 18 Georgia Genomics	01021.02.018.GGM.04		Sub	112.00	$ 431.20
TD 18 Georgia Genomics Total					**$ 431.20**
TD 19 Georgia Micro	01021.02.019.GMC.04		EMP	162.5	$ 341 82
TD 19 Georgia Micro Total					**$ 341,82**
TD 21 Iraq FETP	01021.02.021 IFE 04		IC	47	$ 82 25
TD 21 Iraq FETP	01021 02 021 IFE.04		SuB	46	$ 99 42
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	46	$ 82 85
TD 21 Iraq FETP	01021 02 021 IFE.04		SuB	46	$ 82.85
TD 21 Iraq FETP	01021.02 021.IFE 04		SUB	20.00	$ 32 25
TD 21 Iraq FETP	01021 02.021.IFE.04		IC	40.00	$ 105.00
TD 21 Iraq FETP Total					**$ 484.62**
TD22 Uganda BSV	01021.02.022.BSV.04		Sub	20.00	$ 84.00
TD22 Uganda BSV	01021.02.022.BSV.04		Sub	20.00	$ 52.50
TD22 Uganda BSV	01021.02.022.BSV.04		IC	96.00	$ 35.00
TD22 Uganda BSV	01021.02.022.BSV.04		IC	96.00	$ 35 00
TD22 Uganda BSV Total					**$ 206.50**
TD 023 OHE South Africa	01021.02 023 OSA.04		Sub	25.00	$ 123 38
TD 023 OHE South Africa Total					**$ 123.38**
Grand Total					**$ 1,887.72**

FOIA (b)(4)

TD 13 $300.21

Completed by Program Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	to Apply to program
		(b)(6)			
TD 13 OHE	01021.02.013.OHE.04		EMP	44.00	$ 71.13
TD 13 OHE	01021.02.013.OHE.04		EMP	0.00	
TD 13 OHE	01021.02.013.OHE.04		EMP	55.00	$ 198.28
TD 13 OHE	01021.02.013.OHE.04		IC	40.00	$ 30.80
TD 13 OHE Total					**$ 300.21**
TD 18 Georgia Genomics	01021.02 018.GGM.04		Sub	112.00	$ 431.20
TD 18 Georgia Genomics Total					**$ 431.20**
TD 19 Georgia Micro	01021.02.019.GMC.04		EMP	162.5	$ 341.82
TD 19 Georgia Micro Total					**$ 341.82**
TD 21 Iraq FETP	01021.02 021 IFE 04		IC	47	$ 82.25
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	46	$ 99.42
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	46	$ 82 85
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	46	$ 82 85
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TD 21 Iraq FETP	01021.02.021.IFE.04		IC	40.00	$ 105.00
TD 21 Iraq FETP Total					**$ 484,62**
TD22 Uganda BSV	01021 02 022 BSV 04		Sub	20.00	$ 84.00
TD22 Uganda BSV	01021.02.022.BSV.04		Sub	20.00	$ 52 50
TD22 Uganda BSV	01021.02.022.BSV.04		IC	96.00	$ 35.00
TD22 Uganda BSV	01021.02.022.BSV.04		IC	96.00	$ 35.00
TD22 Uganda BSV Total					**$ 206.50**
TD 023 OHE South Africa	01021.02 023.OSA.04		Sub	25.00	$ 123.38
TD 023 OHE South Africa Total					**$ 123.38**
Grand Total					**$ 1,887.72**

FOIA (b)(4)

TD 18 $431.20

Completed by Prrogram Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	FOIA (b)(4) Total Hours	to Apply to program
TD 13 OHE	01021.02.013.OHE.04	(b)(6)	EMP	44.00	$ 71.13
TD 13 OHE	01021.02.013.OHE.04		EMP	0.00	
TD 13 OHE	01021.02.013.OHE 04		EMP	55.00	$ 198.28
TD 13 OHE	01021.02.013.OHE.04		IC	40.00	$ 30.80
TD 13 OHE Total					$ 300.21
TD 18 Georgia Genomics	01021.02.018.GGM.04		Sub	112.00	$ 431.20
TD 18 Georgia Genomics Total					$ 431.20
TD 19 Georgia Micro	01021.02.019.GMC.04		EMP	162.5	$ 341.82
TD 19 Georgia Micro Total					$ 341.82
TD 21 Iraq FETP	01021 02.021.IFE.04		IC	47	$ 82.25
TD 21 Iraq FETP	01021.02.021 IFE.04		SuB	46	$ 99.42
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	46	$ 82.85
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	46	$ 82.85
TD 21 Iraq FETP	01021.02 021.IFE 04		SUB	20.00	$ 32.25
TD 21 Iraq FETP	01021.02.021.IFE.04		IC	40.00	$ 105.00
TD 21 Iraq FETP Total					$ 484.62
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TD22 Uganda BSV	01021.02.022.BSV 04		Sub	20.00	$ 52.50
TD22 Uganda BSV	01021.02.022.BSV.04		IC	96.00	$ 35.00
TD22 Uganda BSV	01021.02.022.BSV.04		IC	96.00	$ 35 00
TD22 Uganda BSV Total					$ 206.50
TD 023 OHE South Africa	01021 02.023.OSA.04		Sub	25.00	$ 123 38
TD 023 OHE South Africa Total					$ 123.38
Grand Total					$ 1,887.72

TD 19 $341.82

Completed by Prrogram Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	to Apply to program
		(b)(6)			
TD 13 OHE	01021.02.013.OHE.04		EMP	44.00	$ 71.13
TD 13 OHE	01021.02.013.OHE.04		EMP	0.00	
TD 13 OHE	01021.02.013.OHE.04		EMP	55.00	$ 198.28
TD 13 OHE	01021.02.013.OHE.04		IC	40.00	$ 30.80
TD 13 OHE Total					**$ 300.21**
TD 18 Georgia Genomics	01021.02.018.GGM.04		Sub	112.00	$ 431.20
TD 18 Georgia Genomics Total					**$ 431.20**
TD 19 Georgia Micro	01021.02.019.GMC.04		EMP	162.5	$ 341.82
TD 19 Georgia Micro Total					**$ 341.82**
TD 21 Iraq FETP	01021.02.021.IFE.04		IC	47	$ 82.25
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	46	$ 99.42
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TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	46	$ 82.85
TD 21 Iraq FETP	01021.02.021.IFE.04		SUB	20.00	$ 32.25
TD 21 Iraq FETP	01021.02.021.IFE.04		IC	40.00	$ 105.00
TD 21 Iraq FETP Total					**$ 484.62**
TD22 Uganda BSV	01021.02.022.BSV.04		Sub	20.00	$ 84.00
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TD22 Uganda BSV	01021.02.022.BSV.04		IC	96.00	$ 35.00
TD22 Uganda BSV	01021.02.022.BSV.04		IC	96.00	$ 35.00
TD22 Uganda BSV Total					**$ 206.50**
TD 023 OHE South Africa	01021.02.023.OSA.04		Sub	25.00	$ 123.38
TD 023 OHE South Africa Total					**$ 123.38**
Grand Total					**$ 1,887.72**

TD 21 $ 484.62

Completed by Prrogram Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	to Apply to program
TD 13 OHE	01021 02 013 OHE 04		EMP	44.00	$ 71.13
TD 13 OHE	01021.02.013.OHE.04		EMP	0.00	
TD 13 OHE	01021.02.013 OHE 04		EMP	55.00	$ 198.28
TD 13 OHE	01021.02.013.OHE.04		IC	40.00	$ 30.80
TD 13 OHE Total					**$ 300.21**
TD 18 Georgia Genomics	01021 02 018 GGM 04		Sub	112.00	$ 431.20
TD 18 Georgia Genomics Total					**$ 431.20**
TD 19 Georgia Micro	01021 02 019 GMC.04		EMP	162 5	$ 341.82
TD 19 Georgia Micro Total					**$ 341.82**
TD 21 Iraq FETP	01021 02 021 IFE 04		IC	47	$ 82.25
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TD 21 Iraq FETP	01021.02.021 IFE.04		SuB	46	$ 82.85
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TD22 Uganda BSV Total					**$ 206.50**
TD 023 OHE South Africa	01021 02.023 OSA.04		Sub	25 00	$ 123 38
TD 023 OHE South Africa Total					**$ 123.38**
Grand Total					**$ 1,887.72**

FOIA (b)(4)

(b)(6)

TD 22

DBA Insurance $206.50

ODC - tubes $128.62

$335.12

TD22 $128.62

TAX-INVOICE

(b)(6)

(b)(6)

D	K	[illegible]	
Vacutainer tubes, red ca	Each pack of 00	$ [illegible]	

$ 1 -

Make al checks payable to OPTIMUM GROUP GENERAL AGENCIES LTD

Bank: CENTENARY RURAL DEVELOPMENT BANK
Account Title: **OPTIMUM GROUP GENERAL AGENCIES LTD**
Branch & Address: MAPEERA House Plot 44-46 Kampala Road & Plot 2 Burton Street
P.O Box 1892 Kampala
Account No: 3710300732
SORT CODE: 163747
SWIFT CODE: CERBUGKA

THANK YOU FOR YOUR BU[illegible]

Name (b)(6)
Director.
(b)(6)
Signature

OPTIMUM GROUP GENERAL AGENCIES LTD
[illegible] 0709 0706 106068
DATE 24/07/2006

Completed by Prrogram Manager					Completed by Finance
Project Name	Project Code	Name (b)(6)	SUB/IC/EMP	Total Hours FOIA (b)(4)	to Apply to program
TD 13 OHE	01021.02.013.OHE.04		EMP	44.00	$ 71 13
TD 13 OHE	01021.02.013.OHE.04		EMP	0.00	
TD 13 OHE	01021.02.013.OHE.04		EMP	55.00	$ 198.28
TD 13 OHE	01021.02.013.OHE.04		IC	40.00	$ 30.80
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TD22 Uganda BSV	01021 02 022 BSV 04		IC	96.00	$ 35.00
TD22 Uganda BSV	01021 02 022 BSV.04		IC	96.00	$ 35 00
TD22 Uganda BSV Total					**$ 206.50**
TD 023 OHE South Africa	01021.02.023.OSA.04		Sub	25.00	$ 123.38
TD 023 OHE South Africa Total					**$ 123.38**
Grand Total					**$ 1,887.72**

TD23 $ 123.38

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Monthly Progress and Financial Report
CDRL A001

Prepared for:

Prepared by:

METABIOTA

Monthly Progress and Financial Report CDRL A001 No. #23
December 01, 2015 – December 31, 2015

01/10/16

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This submission of the Monthly Report (Contract Data Requirements List; CDRL A001) encompasses implementation of Academic Engagement Partnership (AEP) program activities in accordance with Defense Threat Reduction Agency (DTRA) Cooperative Biological Engagement Program (CBEP) contract HDTRA1-14-C-0104 for 12/01/15-12/31/15.

Technical Directives

AFRICOM

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing – Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 – 04/30/16
Total Estimated Budget: $125,975.00
Estimated Expenditure: $70,445.00
Technical Direction Status: Approved

Completed Activities

- There is nothing significant to report on this effort (see Challenges). The Metabiota team has maintained communication with DTRA awaiting the outcome of Leahy vetting and continues to keep tabs on potential training windows based on staff availability.

Upcoming Activities

- Metabiota is standing by, awaiting the outcome of the Leahy vetting to identify new training dates.

Challenges
The Cameroon Ministry of Defense has been reticent to provide the additional information required to complete Leahy vetting of their trainees. The US Embassy defense attaché office in Yaoundé has issued diplomatic notes to try to unstick this roadblock, but little to no action has been seen to date.

TD 008 Clinician Training – Uganda

Objectives
This effort has been cancelled.

Period of Performance: 05/16/15-08/18/15
Total Estimated Budget: $2,769,776.00
Total Expenditure: $737,361.45
Technical Direction Status: *Completed, Closed.*

TD 009 NHLS BS&S Training – South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/15- 05/15/16
Total Estimated Budget: $335,608.00
Estimated Expenditure: $199,184.00
Technical Direction Status: Approved

Completed Activities
- Metabiota PM and PC communicated with DTRA CBEP personnel and A&AS support contractors via email and phone to discuss ongoing work and issues related to VAT and CLS shipping of the PortaCounts and iPads.
- The Metabiota PM communicated with CLS shipping team regarding VAT issues.
- The Metabiota PM and PC communicated regularly with NHLS point of contacts to discuss and work through logistical and programmatic issues.
- The Metabiota PM and PC submitted a CLS logistics support request for NHLS trainers and participants with the amended training dates.
- The video shoot has been approved by NHLS management, scouting of filming locations is in progress, and the video shoot is scheduled for 18-22 January 2016.
- Procurement was initiated on reagent-grade isopropyl alcohol for use with the PortaCounts during the fit testing training event.

Upcoming Activities
- The Master Trainer Orientation training for fit testing will take place Feb. 2-4, 2016.
- Biosafety and Biosecurity training video scripts will be finalized and videography initiated.
- OHASIS maintenance module stakeholders consulting and schedule development.
- Procurement of iPad adaptors for South African electrical systems.

Challenges
The VAT on the shipment of PortaCounts and iPads continues to arise as a potential budget issue, as the South African importer continues to submit an invoice for those costs to NHLS. Metabiota is communicating with CLS to resolve the situation and will keep the DTRA Country Manager apprised of the situation. Additionally, (b)(6) the developer of the OHASIS module, has been seconded on a temporary basis to NHLS Head Office to act in a senior position. Metabiota and NHLS are discussing impacts to the project and possible mitigations.

TD 010 One Health Epi Training – South Africa

Objectives
Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting

interagency cooperation and a unified training approach.

Period of Performance: 05/16/15- 12/31/15
Total Estimated Budget: $134,551.00
Estimated Expenditure: $83,153.00
Technical Direction Status: Approved

Completed Activities

- Finalized and Submitted the One Health Epidemiology - Republic of South Africa Landscape Analysis Report to DTRA CBEP representation.
- Conducted bi-weekly conference calls with DTRA CBEP personnel and A&AS support contractors.
- Conducted bi-weekly conference calls with South African stakeholders supporting the review and modification of One Health Epidemiology (OHE) materials.
- Conducted individual calls with each South African stakeholder as necessary to ensure comprehensive contribution to the landscape analysis deliverable.
- Dates for in-country event to support the review and recommendations for modification of One Health epidemiology materials finalized in concert with South African stakeholders and the Metabiota Project Team for February 17th-19th, 2016.
- Submission of TEP for in-country assessment.
- Submission of all travel related CDRLs in support of Metabiota Project Team requirements in South Africa including CCR, and CLS forms.

Upcoming Activities

- Receive and respond to questions or needs for clarification regarding the submitted One Health Epidemiology landscape analysis report.
- Identify final logistical needs for the in-country effort and submit the TAF in support of the in country meeting.
- Continue to ensure effective coordination of communication between stakeholders involved in the materials review process.
- Development of in-country meeting agenda.
- Development of final deliverable outline for detailing of recommendations for modification of existing one health epidemiology materials.

Challenges

In an effort to fill knowledge gaps among existing project contributors, several new stakeholders have been introduced to this project. Their respective contribution to the landscape analysis report was valuable; however, their onboarding during the later phases of this project will require some additional and unexpected time and effort from the original project team.

TD 013 One Health Epi Training – Uganda

Objectives

Increase the operational biosafety and bio-surveillance capacity of Ugandan and Nigerian National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified

training approach.

Period of Performance: 05/16/15- 02/29/16
Total Estimated Budget: $381,705.00
Estimated Expenditure: $202,930.00
Technical Direction Status: Approved

Completed Activities

- Implemented Cohort 9 Module 2 training between December 7-11, 2015 in Jinja, Kabarole, Uganda.
- Implemented Cohort 10 Module 1 training between December 14-18, 2015 in Fort Portal, Kabarole, Uganda.
- Submission of CCR, CLS, and TAF in support of Cohort 10 Module 2 trainings slated to take place in Fort Portal, Kabarole, Uganda.
- Held bi-weekly conference calls with DTRA CBEP personnel and A&AS support representation.
- Held bi-weekly conference calls with CDC-Uganda and Ugandan Ministry of Health to discuss implementation of trainings going forward.
- Submitted TTR 224 to DTRA CBEP.

Upcoming Activities

- Continuation of bi-weekly calls with all OHE project stakeholders.
- Continuation of bi-weekly calls with DTRA CBEP and Metabiota.
- Preparation for field travel to support the implementation of OHE training cohort 10 Module 2.
- Implementation of OHE Cohort 10 Module 2 training between February 1-5, 2016 in Fort Portal, Kabarole, Uganda.

Challenges

Prior to the implementation of Cohort 10 Module 1 training in Fort Portal, Kabarole, Uganda between December 14th-18th, 2015, CDC Uganda representation had mistakenly requested Metabiota to remove 5 individuals from the CLS form that had been submitted. However, these 5 individuals were still invited to the trainings. The logistics company representing SAIC did not offer these individuals per diem immediately, but did allow them to remain in hotel rooms that had not been reserved or paid for, all without notifying anyone else of the issue. By the second training day, our team became aware of the situation, and reported the issue back to our headquarters. DTRA CBEP offered a solution to the CDC error and a follow up CLS form was subsequently developed and submitted to support the inclusion of the 5 mentioned individuals in the training. The 5 trainees were offered per diem, and allowed to complete the training without being informed of this logistical mishap. The trainings as a whole completed without issue.

TD 014 Grant Writing Mentorship and Workshop – Kenya

Objectives

The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 7/21/15- 5/15/16
Total Estimated Budget: $113,982.82
Estimated Expenditure: $19,593.00
Technical Direction Status: Approved

Completed Activities

- Held bi-weekly calls with DTRA CBEP representation.
- Held follow up calls with DTRA CBEP and (b)(6) regarding resource concerns to support TD-014.
- Developed and submitted a resource reallocation solution in support of (b)(6) concerns over limitations in project resources to DTRA CBEP.
- Engagement of Metabiota Subject Matter expert in support of the review and improvement of participant research manuscripts.
- Development of SME engagement plan regarding the review of submitted research manuscripts.
- Request submitted to Kenyan Stakeholders (b)(6) and (b)(6) to provide salary history information for all intended Kenyan SMEs in support of IC agreement development.
- Receipt of 18 of 20 research manuscripts requested.
- Submission of TEP and CCR forms in support of Kenya Writing workshop in country event.

Upcoming Activities

- Onboarding of Selected subject matter experts to support the Writing Workshop.
- Finalization of dates for the workshop.
- Receive request for and resubmit TD-014 in support of additional stakeholders and potential change of writing workshop dates.
- Finalization of Independent Consultant agreements to support the onboarding of Kenyan SMEs.
- Begin the process of SME review of participant manuscripts.
- Continuation of bi-weekly stakeholder calls.
- Implementation of Kenya Writing Workshop.

Challenges

Forward progress on all phases of this effort is currently requisite on the submission of materials to Metabiota by in-country stakeholder (b)(6) and approval of proposed TD revisions by DTRA CBEP representation. Metabiota is additionally fielding concern from the identified Kenyan SMEs who believe that an increase in the proposed LOE is required to complete this effort, and that they should be valued at a rate equal to that of a US based SME with similar qualifications. However, this concern does not currently align with the limitations respective of our current ceiling price for this technical direction. In kind the lack of definition we are able to offer regarding LOE for each SME has caused a significant delay in the execution of IC agreements and vicariously a delay in the implementation of a manuscript review schedule.

TD 020 Initial Engagement SME Support – Gabon – Cancelled

Objectives
To provide technical support to DTRA CBEP regarding initial engagement activities with Gabonese ministerial officials, historical context and technical advice on gap analyses, and recommend CBEP engagement approaches with the Government of Gabon

Period of Performance: 12/14/15 - 3/31/16
Total Estimated Budget: $ 31,955.00
Estimated Expenditure: $1,876.00
Technical Direction Status: *Cancelled*

Completed Activities
- Developed and submission of technical proposal.
- Submission of Cable Clearance Request form.

Upcoming Activities
- This technical direction has been cancelled

Challenges
No Challenges to report in December.

CENTCOM

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan

Objectives
To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-CoV) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 05/16/15- 01/31/16
Total Estimated Budget: $391,056.00
Estimated Expenditure: $358,000.00
Technical Direction Status: Approved

Completed Activities
- Secured IMV laboratory access for CLS in-country staff and translators.
- International and local supply shipments arrived at IMV by 4 December, with a few outstanding items received on 7 December prior to laboratory practicums.
- Supply inventory conducted by Metabiota, IMV POC's, and Duke trainers. Inventory sheets reviewed and signed off on by Metabiota and IMV project personnel.
- Received and conducted final review of printed materials on 4 December.

- In-country preparations of reagents and assays for laboratory practicum conducted at IMV on 3-4 December to ensure equipment and supplies were in place and running according to training requirements.
- Pre-coordination and final preparations executed on 4-6 December, to include meeting with EZS in-country logistics personnel, set up of interpretation booth, laboratory practicum set-up, review and final revisions to training agenda, IMV walk through and coordination with key personnel and partners in preparation for the event.
- In-country final meeting with CBEP, IMV, and Duke-NUS, on 6 December to review and prepare for training kick-off and schedule on 7 December.
- CLS in-country support installed interpretation equipment and arranged catering services.
- Completed and submitted CDRL 11 Transfer of Equipment and Materials to IMV.
- Implementation of second Sample Collection and Diagnostics Training on MERS-CoV in Camels and Bats from 7-11 December, 2015 – participant attendance rate at 95%.
- Distribution and collection of Participant Feedback Report – participant satisfaction rate at 96%.
- Completion and submission of Training Trip Report
- Initiated completion of final project deliverables to close out TD 002.

Upcoming Activities

- Project close out including final billing against the project.
- Receipt and approval of all sub-contractor invoices and reports.
- Financial revisions to the project will be submitted to CBEP for review and adjustment, to realign funds across project CLINS.

Challenges

A minor instance of miscommunication on expectations and requirements occurred on 3 December when Metabiota was informed that the IMV Director must approve and sign the event syllabus. Metabiota used Russian-speaking staff to translate the documents in-house quickly so as to avoid a delay in the training event. In addition, on the first day of training the IMV Director decided last minute that he did not want the event held at the institute. Trainers, trainees, and coordinators had to wait for over an hour until the situation was resolved and the Director allowed entry into the facility and the training to move forward.

TD 003 Bat Borne Virus from Annual Bat Cull – India – Cancelled

Objectives

This effort has been cancelled

Period of Performance: 06/01/15 – 09/30/16
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: *Cancelled*

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop – Jordan

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/15 to 05/15/16
Total Estimated Budget: $488,040.00
Estimated Expenditure: $243,094.00
Technical Direction Status: Approved

Completed Activities
- Abstracts received and reviewed by the Scientific Advisory Board.
- Scientific Advisory Board, Gryphon, Metabiota, and CBEP selected placement for abstract submitters: oral presentation, poster session, mentorship, or rejection.
- Gryphon, Metabiota, and CBEP selected abstract submitters to receive travel support.
- Continued preparations for logistical requirements, to include estimation of costs, itinerary, and agenda for the justification of the Networking and Proceedings Day on 9 March, 2016.
- Submitted the travel CLS for Scientific Advisory Board members and invited Speakers receiving travel support.
- Submitted the travel CLS for presenters receiving travel support.
- Submitted the CCR for USG employees attending the March 2016 Conference.
- Submitted the Master CLS for in-country ground travel and logistics support request for March Conference for an estimated 115 attendees (confirmed to date).
- Invited speakers, Scientific Advisory Board members, presenters, and participants not receiving travel support to participate in the Petra Networking Day and participate in the Marriott Hotel Block.
- Arranged Jordan visas for Metabiota and Gryphon personnel, finalized travel itineraries and flight arrangements.
- Completion of JKO trainings for US citizens receiving DoD travel support.
- Sent remaining invitations for speakers and panel board members.
- Continued revisions of conference agenda and panel members with Gryphon, CBEP, and the Scientific Advisory Board.
- Continued outreach activities for conference to increase event participation.
- Continued communication and collaboration with CBEP personnel, in-country partner RSS, Gryphon Scientific, and CLS to coordinate logistical requirements and continue event planning.

Upcoming Activities
- Final submission of travel CLS forms for presenters and speakers.
- Final CCR submission for non-USG, US attendees.
- Completion of conference materials for submission and printing with CLS.
- Submission of CLS form for Proceedings Book.
- Continue to work with key CBEP personnel, Gryphon, RSS, and CLS to monitor travel requests, participant applications, and finalize CLS logistical requirements for March, 2016 Conference.

Challenges
The project schedule required deadline adjustments due to the December holidays. Metabiota has worked in close coordination with Gryphon, CLS, RSS, CBEP and A&AS team members to ensure clear communication of the revised deadlines and that all materials and requirements are submitted, reviewed, and processed with adequate timing for the March conference.

TD 005 Long Distance Learning – Iraq – Cancelled

Objectives
This effort has been cancelled

Period of Performance: 06/01/15 – 09/30/16
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: *Cancelled*

EUCOM

TD 011 TADR Activity Project 4 (TAP-4) – Ukraine

Objectives
The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/15/15-01/31/16
Total Estimated Budget: $116,879,54
Estimated Expenditure: $75,864.00
Technical Direction Status: Approved

Completed Activities
- Metabiota PM and PC began drafting final report summarizing the work done in Ukraine, including those items preformed by the subcontractor SAFOSO.

Upcoming Activities
- Metabiota will finalize and submit the final report.

Challenges
None.

TD 012 Ukraine Project 2 – Ukraine

Objectives
This effort has completed

Period of Performance: 05/16/15-09/30/2015
Total Estimated Budget: $264,788.00

Total Expenditure: $264,788.00
Technical Direction Status: *Completed, Closed* (Transferred to BTRIC TO4)

TD 016 Georgia Geographic Information Systems – Georgia

Objectives
Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15-05/15/16
Total Estimated Budget: S139,514.62
Estimated Expenditure: S13,820.00
Technical Direction Status: Approved

Completed Activities
- Metabiota PM, PC, and SME have participated in calls led by the project teams of GG-19, GG-20, and GG-27 to understand project schedules and goals.
- Metabiota PM and PC revised SOW and other subcontract documents and conducted multiple back and forth discussions and negotiations with SME and the grants/contracts office at University of Florida in preparation for fully executing the subcontract to retain FOIA (b)(6) FOIA (b)(6) and his team for their GIS expertise.
- Metabiota SME provided additional input to the GG-27 project team regarding GIS software options and computer specifications for the AJ component of the project.
- Metabiota submitted travel documents and travel authorization request for SME team to travel to Tbilisi in late January/early February to meet with and assist the Georgian collaborators.

Upcoming Activities
- Metabiota SME is working to bring RDAs up to speed on the CBR projects in order to efficiently provide GIS data analysis support and mentoring to the Georgian scientists.

Challenges
The CBR project teams have rescheduled teleconferences and meetings a number of times, which has made coordination of the GIS portion of this work challenging. However, it appears that the coordination of these projects is back on track and the Metabiota PM is communicating with the CBR project teams' leads outside of the scheduled teleconferences and meetings as a risk mitigation.

TD 017 Georgia Subject Matter Expert Grantsmanship – Georgia

Objectives
Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct/indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: S136,732.00
Estimated Expenditure: S37,337.00

Technical Direction Status: Approved

Completed Activities

- Metabiota PM and PC held regular communications with the SMEs to discuss the mentorship plan and materials, and the strategy for moving forward without firm commitments from NCDC or LMA.
- Metabiota PM, PC, and SMEs communicated with DTRA and A&AS via email and phone to discuss project status and obstacles.
- Metabiota submitted travel documentation and a travel authorization request for a trip to Georgia to occur in late January/early February.

Upcoming Activities

- Upon identification of project participants by NCDC and LMA leadership, Metabiota SMEs will begin working with the mentees on initial coordination and brainstorming of possible grant topics to be elaborated upon during the mentorship.

Challenges

It does not appear that at this time, NCDC or LMA are sold on the concept of this mentorship. In recent discussions, both agencies appear reticent to commit personnel time to the program. Additionally, the holidays and work schedules of the two agencies may delay the start of the mentorship program. Mentorship requires a firm commitment of time and energy by the mentees (and by extension, their chain of command) in order to be successful. If NCDC and LMA cannot or will not commit wholly to Grantsmanship mentoring, it may be necessary to reevaluate in conjunction with DTRA the scope of this project.

TD 018 Georgia Visiting Scientist Genomics – Georgia

Objectives

Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: $384,435.00
Estimated Expenditure: $104,161.00
Technical Direction Status: Approved

Completed Activities

- The Metabiota PM and PC held email and phone communications with the Visiting Scientist (VS) to discuss current activities and assist the VS with any issues requiring programmatic input.
- Metabiota VS continued mentoring (b)(6) with the comparative genomic analysis of FSU anthrax vaccine strains. The Georgian STI strain appears to have changes compared to the recently published STI strain consisting of several SNPs, indels, and VNTR copy number alterations. Further analyses are being conducted.
- Metabiota VS is mentoring (b)(6) in multiple areas of introductory molecular evolution. These efforts covered topics such as phylogenetic analysis of sequence data and the probabilistic methods underpinning tree generation; character state methods for cluster analysis

of sequence data; and the assessment of phylogenetic relationships, among other topics. The VS also provided instruction on how to use software programs for these analyses.

- Metabiota VS mentored the Eliava Institute virology team on quality assessment analyses of NGS raw data generated at the Lugar Center. Topics included generating sequence quality run reports, assessment of basic run statistics, and other quality metrics which may shed light on run issues.
- Metabiota continued to work with (b)(6) on NGS-based characterization of the *Shigella*-like bacterial strain that was identified and sequenced at the Lugar Center. Preliminary annotation of the putative virulence plasmid sequence was completed and identified 75 genes.
- Metabiota VS worked with (b)(6) to create a staff capability matrix to better understand and deploy staff on various tasks, and to identify those who may need additional mentoring.

Upcoming Activities

- Metabiota VS will continue mentoring in all above mentioned mentoring areas.

Challenges

No significant challenges were encountered in December. However, the Metabiota VS did continue to note that many of the Georgian scientists working on genomics and bioinformatics projects lack the basic fundamental training on molecular evolution that most western-trained scientists possess. This lack in fundamentals appears to often be masked by assistance with western collaborators, and it may impede true understanding of the utility of genomic analysis and the scientific independence of the NCDC staff.

TD 019 Georgia Visiting Scientist Microbiology – Georgia

Objectives

Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: $382,330.00
Estimated Expenditure: $139,500.00
Technical Direction Status: Approved

Completed Activities

- The Metabiota PM and PC held regular calls with the Visiting Scientist (VS) to discuss current activities and assist the VS with any issues requiring programmatic input.
- Metabiota VS continued working on the TAP-11 validation plan with NCDC scientist (b)(6) (b)(6) The Metabiota VS also contacted Ellie Labs to try to obtain additional information about their kits for inclusion in the validation plan.
- The Metabiota VS further participated in a meeting between (b)(6) (LMA) and (b)(6) (NCDC) regarding several topics including serology and bacteriology training for a collaboration between LMA and Jordanian researchers; BAA submissions regarding African swine fever, and *Brucella* bacteriology testing. Related to this last item, Metabiota VS has coordinated with (b)(6) who has agreed to resupply LMA with Bruce Ladder reagents.

- Metabiota VS has assisted Lugar Center and Batumi staff with troubleshooting of the PCR protocols and reagents for the avian influenza CBR work with University of Cambridge. The Metabiota VS helped coordinate with all entities, including NCDC, Batumi, Cambridge, Erasmus, and APHA. After extensive troubleshooting, and multiple secondary checks, it appears that at the minimum, reagent quality is a major issue. Metabiota VS is communicating with project leads to find a way to secure new reagents. It is possible additional issues will be found after new reagents are secured.
- Metabiota VS assisted NCDC with the final preparatory steps for the installation of the GCMS instrument secured through a grant from UNICRI. Helium gas was procured, and argon gas procurement is proceeding. Metabiota VS has repeatedly recommended that the tables that NCDC leadership has selected as the instrument's resting place be welded together or that a new table be purchased/manufactured, but NCDC leadership has not concurred with this assessment.

Upcoming Activities

- Metabiota VS expects to continue assisting with the troubleshooting of the avian influenza PCR reaction at the Lugar Center, which will then be followed by running confirmatory diagnostic tests on samples which are putatively positive for HPAI recently collected from waterfowl in Georgia. In conjunction with this project, the VS expects to need to make a trip to the Batumi Zonal Diagnostic Laboratory to mentor staff there in various protocols and troubleshooting techniques.
- Metabiota VS expects to help NCDC staff complete work on the validation plan for GG TAP-11.
- Metabiota VS will continue to participate in coordination calls and meetings for CBR projects funded by DTRA and support and mentor Georgian scientists involved in those projects as needed.

Challenges

No challenges encountered in December.

PACOM

TD 006 Nipah Research Activity Project – Philippines – Cancelled

Objectives

This effort has completed.

Period of Performance: 06/01/15 – 09/30/15
Total Estimated Budget: $874,846.00
Total Expenditure: $11,985.82
Technical Direction Status: *Cancelled*

TD 007 Regional Baseline Assessment – Southeast Asia

Objectives

Characterize the region based on the disease landscape, organic regional capabilities, and external factors that impact CBEP objectives, identify needs and areas of overlap with other stakeholders, and provide overarching strategic guidance & goals to CBEP PACOM Country Managers in the development of country engagement strategies.

Period of Performance: 05/16/15 10/31/15
Total Estimated Budget: S850,489.00
Total Expenditure: $850,489.00
Technical Direction Status: Approved

Completed Activities

- Held 11 December review meeting with CBEP leads to conduct a presentation and review of APLA in preparation for final submission on 18 December.
- Secured additional SME support to complete revisions and edits needed to finalize the APLA and respond to comments received by CBEP.
- Internal team leads and functional teams continued revisions and QAQC required to finalize the document.
- Developed maps and graphs to provide greater visual detail for data in all sections of the document.
- Developed slide deck and coordinated with SMEs for planned out-briefing on 7 January. Rescheduled event to end of month and will continue coordination in response to change in timeframe.
- Finished revisions and edits to all sections of the APLA, and completed final submission of the electronic document on 18 December and a hard copy of the document on 21 December.

Upcoming Activities

- Finalize presentation and deliver 26 January out-briefing with CBEP leads, CMs, and Metabiota SMEs.
- Close out project activities following successful out-briefing.

Challenges
No Challenges to report in December.

TD 015 Health Informatics Support – Vietnam

Objectives
This effort has completed.

Period of Performance: 05/16/15 06/30/15
Total Estimated Budget: S51,804.80
Total Expenditure: $51,804.80
Technical Direction Status: *Completed, Closed*

Metrics

Table 1 – Summary of Invoicing

CLIN	Total Awarded	Total Funded	Total Invoiced	Total Remaining
0001	$2,945,896.76	$2,945,896.76	$2,945,896.76	$0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	$1,283,857.97	$1,283,857.97	$0.00
0004	$1,194,823.51	$1,194,823.51	$1,194,823.51	$0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00
0008	$164,002.13	$164,002.13	$122,032.17	$41,969.96
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$1,938,246.22	$1,938,246.22	$1,049,883.38	$888,362.84
1002	$7,619,312.70	$3,720,344.38	$2,742,237.07	$978,107.31
1003	$806,459.36	$421,652.00	$314,463.00	$107,189.00
1004	$78,348.00	$78,348.00	$3,998.36	$74,349.64
1005	$2,329,590.00	$400,000.00	$129,841.13	$270,158.87
TOTAL	**$19,816,346.97**	**$13,602,981.29**	**$11,242,843.67**	**$2,360,137.62**

Table 2 – Summary of Implemented Trainings

Training Month	Region	Country	Type	Human, Veterinary, One Health	#Trained	TOT
Apr-14	Africom	Sierra Leone	Clinical	Human	385	Yes
May-14	Pacom	Singapore	Bio-Surveillance	One Health	8	No
Feb-15	Africom	Uganda	Bio-Surveillance	One Health	25	No
Apr-15	Pacom	Australia	Bio-Surveillance	One Health	9	No
Apr-15	Africom	Uganda	Clinical	Human	33	Yes
May-15	Africom	Uganda	Bio-Surveillance	One Health	38	Yes
May -15	Africom	Uganda	Clinical	Human		Yes
June-15	Africom	Uganda	Clinical	Human		Yes
May -15	Centcom	Kazakhstan	Bio-Surveillance	Human		Yes
Jul-15	No trainings implemented in July.					
Aug-15	No trainings implemented in August					
Sept-15	No trainings implemented in September					
Oct-15	Africom	Uganda	Bio-Surveillance	One Health	22	Yes
Nov-15	No trainings implemented in November					
Dec-15	Africom	Uganda	Bio-Surveillance	One Health	22	Yes

Dec-15	Africom	Uganda	Bio-Surveillance	One Health	25	Yes
Dec-15	Centcom	Kazakhstan	Bio-Surveillance	Human		Yes

Table 3 – Summary of Contract Modifications

Contract Modifications	Requirement / Description	Date Received	Letter Issued to DTRA
P00001	Respond to the Ebola outbreak in Africa	21-Mar-14	18-Apr-2014
P00002	Removed FTE and geographical restrictions from SOW	27-Mar-14	25-Apr-2014
P00003	Authorized use of existing LOE under CLIN 04 at the discretion of the COR	4-Apr-14	9-May-2014
P00004	Bat-borne pathogen surveillance	6-May-14	5-Jun-2014
P00004	Clinician Training in at least 3 African countries	6-May-14	5-Jun-2014
P00004	BS&S / NHLS Training in South Africa	6-May-14	5-Jun-2014
P00005	Added funding at the SLIN level to requirements listed in P00004	14-May-14	N/A
P00006	SURGE CLIN - Extended POP for EBOV response	12-Jun-14	N/A
P00007	REA Negotiation	25-Jun-14	27-Jun-2014
P00008	Surge POP extension	6-Aug-14	N/A
P00009	REA for Bat-Borne Training and revised Rate Cards	3-Sep-14	N/A
P00010	Ukraine Projects – UP2 & TAP4	17-Sep-14	N/A
P00011	Incorporates FAR clause 52.225-99 initiating use of Synchronized Pre-deployment and Operational tracker for efforts in Africa.	4-Dec-14	N/A
P00012	Authorizes FFP funds for CLIN 0003 and CLIN 1006. Incorporates requirement for DBA insurance.	26-Jan-15	N/A
P00013	Issues change order from FFP LOE to FFP. Requests Proposal extension of base year through April.	2-Feb-15	N/A
P00014	Awards Base Year Extension	10-Apr-15	N/A
P00015	Realigns funding between ACRNS	16-Apr-15	N/A
P00016	Issues two week extension for base year	21-Apr-15	N/A
P00017	Awards T&M Option Year for $12,771,956.28.	15-May-15	N/A
P00018	Provides Incremental funding for Option Year 1	15-May-15	N/A
P00019	Funds REA and changes contract clauses.	3-Sep-15	N/A
P00020	Adds funding to CLIN 1002 and 1005	28-Sep-15	N/A

P00021	Adds FLN rate card. Changes Key Personnel. Adds Subcontractor and FAR clause	28-Sep-15	N/A

Table 4 – Summary Committed Funds

CLIN	Total Awarded	Total Funded	Total Committed	Total Remaining Funding
0001	$2,945,896.76	$2,945,896.76	$2,945,896.76	$0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	$1,283,857.97	$1,283,857.97	$0.00
0004	$1,194,823.51	$1,194,823.51	$1,194,823.51	$0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00
0008	$164,002.13	$164,002.13	$122,032.17	$41,969.96
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$1,938,246.22	$1,938,246.22	$1,938,246.22	$0.00
1002	$7,619,312.70	$3,720,344.38	$4,088,989.72	-$368,645.34
1003	$806,459.36	$421,652.00	$449,826.47	-$28,174.47
1004	$78,348.00	$78,348.00	$77,297.84	$1,050.16
1005	$2,329,590.00	$400,000.00	$365,409.19	$34,590.81
TOTAL	**$19,816,346.97**	**$13,602,981.29**	**$13,922,190.16**	**-$319,208.87**

Table 5 – 75% Estimate

CLIN	Total Awarded	Total Funded	Total Expended	Estimate 75% Funding Completion Date
1001	$1,938,246.22	$1,938,246.22	$1,211,403.90	February 2016
1002	$7,619,312.70	$3,720,344.38	$3,034,418.04	29-Dec-2015
1003	$806,459.36	$421,652.00	$322,194.00	29-Dec-2015
1004	$78,348.00	$78,348.00	$5,821.00	15-May-2016
1005	$2,329,590.00	$400,000.00	$143,453.00	15-May-2016
TOTAL	**$12,771,956.28**	**$6,558,590.60**	**$4,717,289.94**	

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Invoice and Narrative 03/01/16-03/31/16

Prepared for:

Prepared by:

METABIOTA

04/26/16

Invoice Summary

METABIOTA

	Invoice March 01- March 31 2016
Remit To: Metabiota,Inc. 425 California St. 2nd Floor San Francisco CA 94104	**Bill To:** Defense Threat Reduction Agency 8725 John J. Kingman Rd. Ft. Belvoir VA 22060-6201

CLIN	CURRENT INVOICE	CUMULATIVE INVOICED
CLIN 1001	$ 161,520.52	$1,695,965.46
CLIN 1002	$ 271,033.27	$3,779,985.63
CLIN 1003	$ 6,914.69	$350,896.72
CLIN 1004	$ 2,371.71	$13,235.53
CLIN 1005	$ 26,874.64	$209,122.34
TOTAL	**$ 468,714.83**	**$6,049,205.68**

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 - 04/30/16

CLIN 1002 – Labor

Program Manager:
(b)(6) led project activities for this effort. including communications with DTRA/A&AS to communicate project status. He also led coordination with the Metabiota training team to discuss logistics and further solidify the training details (b)(6) also participated in communications with DTRA's logistics contractor to discuss and help coordinate PPE delivery (b)(6) also worked with (b)(6) (b)(6) to identify a new trainer after one of the original training team resigned her position.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced this period.

CLIN 1004 – ODCs
No ODC costs are being invoiced this period.

CLIN 1005 – Travel
No travel costs are being invoiced this period.

Metabiota

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan – Invoiced to Completion Invoice #729.

CLIN 1003 – Materials and Supplies

A credit invoice was received from our subcontractor due to an overbilling. Metabiota is submitting a credit of $226.10 against this project.

Metabiota						
TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Duke-NUS Medical School
8 College Road
SINGAPORE 169857

Contact Person
Telephone No
E-mail

FOIA (b)(6)

National University of Singapore

Co. Reg./GST Reg. No.: 200604346E

CREDIT NOTE

To: METABIOTA, INC.
1 SUTTER STREET, SUITE 600
SAN FRANCISCO, CA 94104
USA

Attn: Accounts Payable

Credit Note No.	Credit Note Date	Ref Tax Invoice No	Customer No.
23283208	25 Feb 2016	23280435	29401

S/N	Description	Quantity	UOM	Unit Price (USD)	Amount (USD)
1	Partial credit note for INV 23280435 Material charges Final Claim Project Title: Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-COV) in Camels and Bats in Kazakhstan. Subcontract No: 2014-04-DTRA (ILO Ref: RL2014-04 Mod1) (Zero-rated for GST)	1	EA	214.78	214.78

Total invoice 38,986.53

TD 003 Bat Borne Virus from Annual Bat Cull India - Canceled and will not be invoiced

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/2015 - 05/15/2016

CLIN 1002 – Labor

Program Manager:
Project activities for the month of March were focused on implementation of the conference from 7-9 March 2016. The PM (b)(6) and team members departed on 5 March for Amman, Jordan and conducted a pre-planning coordination meeting on 6 March with RSS, CBEP, and TTI to ensure all requirements were organized and the event venue, and logistics were ready for implementation on the morning of the 7th. She participated on the organization committee in preparation for and throughout the entire event, effectively cooperating and communicating to address conference needs, shifting logistics, and to resolve issues/changes as they arose allowing for the successful implementation of the event. The PM implemented the conference, overseeing all logistics for the event. coordinating directly with TTI and other team members to ensure smooth operations and delivery of the technical requirements. Following execution of the event, the PM has participated in routine project calls, coordinated submission of CDRLs and the proceedings book, and investigated options for video production services. In addition, the PM attended a hot wash with the project team and CBEP in DC to review implemented activities, open action items (proceedings, photo sharing, etc.). Additional activities during this time included review of LOE, submission of routine deliverables, and continued project coordination towards close out.

Research and Data Analysts:
The Project Coordinator (b)(6) supported the PM and project team in execution of the conference in Amman, Jordan, participating in all pre-planning activities and working directly with TTI to ensure all participants safely arrived at the event, and coordinated any last minute travel changes or logistic requirements, as needed. She participated on the organization committee in preparation for and throughout the entire event, effectively cooperating and communicating to address conference needs, shifting logistics, and to resolve issues/changes as they arose allowing for the successful implementation of the event. RSS collaborators and their team were very flexible and accommodating with minor changes required for the planned itinerary (e.g., pushing the coffee break up an hour on day 1, adding items to the lunch menu on day 2, filming interviews in the RSS lobby, and having the poster session tent stay up an additional half-day).

(b)(6) coordinated with Logistics Support, they were responsive, professional, and assisted above and beyond their requested services. TTI helped the organizing committee in all aspects of conference planning, preparation, execution, and closing out. Staff was on call 24/7 before and after the conference organizing travel, audio/visual, catering, and overall event logistics. (e.g., providing runners to direct people between the opening ceremony and conference venue, providing last-minute cars and drivers to participants, supporting unexpected needs and requests from travelers who needed additional travel or logistical services due to illness/ family emergency/ security issues/ etc.)

In addition (b)(6) followed up with all participants after the event, assisting in the development of feedback for the conference website, participants were actively engaged and enthusiastic throughout the two-day conference, and the networking and proceedings day. Metabiota had an almost perfect attendance with active conversations, presentations, and did not run into any logistical challenges during coordination and execution of the event FOIA (b) participated in the hot wash, developing the after action draft report, and submission of the CDR1 and proceedings book for review and approval. (b)(6) of Gryphon Scientific supported administrative and contractual requirements during this past month to facilitate compliance, and submission of project deliverables (monthly reporting and invoicing) required under the Gryphon Scientific sub-contract governing project execution. She participated on the organization committee in preparation for and throughout the entire event, effectively cooperating and communicating to address conference needs, shifting logistics, and to resolve issues/changes as they arose allowing for the successful implementation of the event.

Subject Matter Expert I:

SMEs FOIA (b)(6) and (b)(6) traveled to Amman, Jordan to execute the conference with the MB project team. They facilitated the event, as part of the organizing committee, to include poster set up, note taking, timekeeping, presentation uploads, and technical coordination on the event, as well as scientific engagement and collaborative discussions with all participants (b)(6) (b)(6) assisted in facilitation of the networking and proceedings day. Both SMEs attended the hot wash remotely, and assisted in completion of the proceedings book for submission to CBEP, to include technical review of all included papers. They followed up with participants following the conference, and assisted in the development and compilation of participant feedback.

Subject Matter Expert III:

(b)(6) executed the conference in March, to include leading the technical engagement for this event. She worked closely with (b)(6) of RSS to facilitate conference proceedings to include MCing the event, chairing sessions, ensuring collaborative discussions. She participated on the organization committee in preparation for and throughout the entire event, effectively cooperating and communicating to address conference needs, shifting logistics, and to resolve issues/changes as they arose allowing for the successful implementation of the event. She participated in all pre-planning, and post-conference activities to include attending the American Corner with the US Embassy in Amman on 6 March, and the hot wash conducted with the team in DC (b)(6) engaged publications to facilitate submission of post-conference announcements/write-ups in coordination with CBEP and the project team. In addition (b)(6) led the development of the proceedings book for submission, and oversaw team activities for all Gryphon personnel. She participated in routine project calls and ensured project deliverables were submitted on time and according to schedule.

CLIN 1003 – Materials and Supplies

Material and supply costs were incurred to support the development of the password protected site, the conference proceedings page on the website, update case studies, and continue to provide services updating additional information on the conference website. In addition, costs were incurred to secure and provide services maintaining the conference app. Costs were also incurred for the graphical design of the conference certificate, posters, and agenda card. Additionally, costs were incurred for international communications for (b)(6) to execute program coordination while in Amman.

CLIN 1004 – ODCs

DBA was applied to the project for Metabiota and Gryphon Scientific employees to travel to Jordan for the conference deliverable in March.

CLIN 1005 – Travel

Travel costs include lodging, airfare and Per Diem for (b)(6) to travel to Amman Jordan for the final workshop. Additionally, costs incurred include expenses to purchase visas for Gryphon Scientific as well as airfare for Gryphon Scientific's FOIA (b)(6)

Metabiota						
TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

(b)(4); (b)(6)

T&M Invoice

Contract PoP: 7/1/2015 – 04/30/2016 **Contract Name:** AEP – Research Collaborator & Subject Matter Experts **Contract #:** 2015-10-DTRA **Bill To:** Metabiota, Inc **Funded Total:** $218,715 **Invoice Period of Performance:** 02/01/2016-02/29/2016	**Invoice POP:** 2/1/2016-2/29/2016 **Invoice #: 2042** **Remit Payment to:** Gryphon Scientific, LLC 1 Halfyard Drive Brookline, NH 03033

LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

OTHER COSTS INVOICED	CURRENT INVOICE	CUMULATIVE INVOICE
Loaded Materials & Supplies – Publ & Dissem	0.00	1,340.15
Loaded Materials & Supplies – Workshop Website	6,562.50	12,862.50
TRAVEL	0.00	1,339.03
TOTAL NON LABOR INVOICED	**$6,562.50**	**$15,541.68**

The undersigned hereby certifies that the amount being invoiced represents only those amounts properly payable in accordance with the terms and conditions of the contract/subcontract and the official financial records.

(b)(6)

By: (b)(6)
Business Manager

Payment should be remitted to: Gryphon Scientific, LLC, 1 Halfyard Drive, Brookline NH 03033

Prime Contractor Program Manager:

Approved: _____

A $4,000.00
B $500.00
C $1,750.00
TOTAL $6,250.00
5% Fee $312.50
TOTAL $6,562.5

RELYON SOLUTIONS

239 Main St. Suite 5
Greenfield, MA 01301

Invoice

Date	Invoice #	Terms
2/5/2016	20151133	Net 30

Bill To

Gryphon Scientific
c/o (b)(6)
1 Halfyard Drive
Brookline, NH 03033

Project	MESA Conference 2015-2016

Questions regarding this invoice should be directed to (b)(6) Lead Programmer @ (b)(6) or (b)(6) Payments should be sent to Relyon Solutions LLC, 239 Main Street, Greenfield, MA 01301. Telephone: 413-489-1288.

Deltek #	Description	Est Amt	Prior Amt Billed	Prior % Billed	Curr %	Total % Billed	Amount
	Contract Number 2015-10-DRTA Project Number 134 Statement of Work 1. Build a password-protected site through which participants can contact other attendees, get a list of attendees, view abstracts and view presentations. This would require enabling password protection, having a site for people to be directly emailed, and databases of attendees, abstracts and presentations. 2. Build webpage to post the conference proceedings after the meeting, including a pdf document, short text description, and place for photos. 3. Build a page to post the AAAS case studies: http://www.aaas.org/report/BMENA-risk-analysis-training. AAAS has given permission to repost these. 4. Update the conference website as requested by Gryphon Scientific, to include but not be limited to, updating the conference agenda, posting the	5,000.00			80.00%	80.00%	4,000.00

I hereby certify that all payments requested are for appropriate purposes and in accordance with the terms and conditions set forth in the Agreement between the parties.

(b)(6)

Managing Partner

Total	
Payments/Credits	
Balance Due	

A

RELYON SOLUTIONS

239 Main St. Suite 5
Greenfield, MA 01301

Invoice

Date	Invoice #	Terms
2/5/2016	20151133	Net 30

Bill To

Gryphon Scientific
c/o (b)(6)
1 Halfyard Drive
Brookline, NH 03033

Project	MESA Conference 2015-2016

Questions regarding this invoice should be directed to (b)(6), Lead Programmer @ (b)(6) or (b)(6). Payments should be sent to Relyon Solutions LLC, 239 Main Street, Greenfield, MA 01301. Telephone: 413-489-1288.

Deltek #	Description	Est Amt	Prior Amt Billed	Prior % Billed	Curr %	Total % Billed	Amount
	conference app information, creating a news feed where Gryphon can alert attendees about the conference, and any other such requests.						

I hereby certify that all payments requested are for appropriate purposes and in accordance with the terms and conditions set forth in the Agreement between the parties.

(b)(6)

Managing Partner

Total	$4,000.00
Payments/Credits	$0.00
Balance Due	$4,000.00

A2

INVOICE

(b)(6)

Attention: (b)(6)
Gryphon Scientific, LLC
February 5, 2016

Invoice Number: 02162016

RIGHTS GRANTED

Usage rights for original graphic artwork, including preliminary materials, are hereby granted to Gryphon Scientific in return for full payment of itemized expenses listed below. If payment is not received sixty days after invoice date, all usage rights will be void.

Certificate of Attendance, Conference Posters, Agenda Cards	$	500
Total	$	500

B

guidebook

525 University Ave, Suite 31
Palo Alto, CA 94301
USA
(650) 319-7233

INVOICE NO: INV00011702
INVOICE Date: 29 Feb 2016
INVOICE Due: 29 Feb 2016
ACCOUNT #: A00003752
PO #:

INVOICE TO:

(b)(6)
6930 Carroll Ave, Suite 810
Takoma Park, Maryland 20912
United States

Subscription #	Charge Detail	Service Period	Total
A-S00006800	*Rate Plan Name: Plus - Annual Billing - Event* *Charge Name: Plus - Annual Billing - Event - Subscription Fee* *Quantity: 1* *Unit Price: $1,750.00* *Billing Frequency: Annual*	29 Feb 2016 - 27 Feb 2017	$1,750.00

Subtotal	$1,750 00
Tax	$0 00
Invoice Total	**$1,750.00**
Payment Total	**$1,750.00**
Outstanding Balance (USD)	**$0.00**

Balances listed above may not immediately reflect payments made in the past 2 business days. If you have already paid this invoice, please disregard it. You will receive a receipt for any such payments within 2 business days of the payment being processed.

Powered by zuora

verizon

Invoice Number	Account Number	Date Due	Page
3380126981	FOIA (b)(6)	04/05/16	16 of 21

Summary for FOIA (b)(6) **(Includes Plan Change)**

Your Plan

Plan from 3/11 – 4/10
MORE EVERY UNL TLK&TXT 6GB
(see pg 3)

Beginning on 02/20/16:
$25 Smartphone Device Payment Disc

Monthly Charges

Smartphone Line Access	03/11 – 04/10	40.00
$25 SP Device Payment Disc	03/11 – 04/10	–25.00
		$15.00

Equipment Charges

Device Payment Agreement 1217898755 – Payment 1 of 24	20.00
Balance (after this month's current payment) 460.00	
	$20.00

Usage and Purchase Charges

Voice		Allowance	Used	Billable	Cost
Shared	*minutes*	unlimited	234	--	--
Mobile to Mobile	*minutes*	unlimited	99	--	--
Night/Weekend	*minutes*	unlimited	155	--	--
Total Voice					$.00

Messaging

Text, Picture & Video	*messages*	unlimited	544	--	--
Total Messaging					$.00

Data

Unbilled Usage from Previous Months
(Data usage is applied against any remaining allowance for the month in which the usage occurred.)

Gigabyte Usage	*gigabytes*		.004	--	--

Current Data Usage

Gigabyte Usage	*gigabytes*	10.000 (shared)	.897	--	--
Data Promo (08/20/14) – 1GB bonus Data/MO for 2 yrs	*gigabytes*	1.000 (shared)	.021	--	--
Total Data					$.00

International

Usage While Traveling Outside the US (Pay-as-You-Go)

International Minutes	*minutes*		16	16	$47.84
International Messaging – Sent	*messages*		3	3	$1.50
International Messaging – Received	*messages*		6	6	$.30
Total International					$49.64

Total Usage and Purchase Charges **$49.64**

Verizon Wireless' Surcharges+

Fed Universal Service Charge	.45
Regulatory Charge	.21
Administrative Charge	1.23
	$1.89

FOIA (b)(6)

(b)(4); (b)(6)

AMMAN MARRIOTT HOTEL
SHMEISSANI, ISSAM AJLUNI STREET
P.O. BOX 926333, AMMAN 11190 JORDAN
TEL: +(962) 6 560 7607 FAX: +(962) 6 567 0100

INFORMATION INVOICE

(b)(6)

FOIA (b)(6)

Room No.	:	0431
Arrival	:	05-03-16
Departure	:	10-03-16
Page No.	:	1 of 1
Cashier No.	:	203
MRW No.	:	XXXXX3945
Printing Date	:	10 March 2016
Check Out Time	:	
Sales Tax No.	:	77145

Company Name Tech Trans International

Date	Description	Reference	Debit JOD	Credit JOD
05-03-16	Accomodation		74.000	
05-03-16	Room - Service Charge		7.400	
05-03-16	Room Tax		13.024	
06-03-16	Accomodation		74.000	
06-03-16	Room - Service Charge		7.400	
06-03-16	Room Tax		13.024	
07-03-16	Accomodation		74.000	
07-03-16	Room - Service Charge		7.400	
07-03-16	Room Tax		13.024	
08-03-16	Accomodation		74.000	
08-03-16	Room - Service Charge		7.400	
08-03-16	Room Tax		13.024	
09-03-16	Accomodation		74.000	
09-03-16	Room - Service Charge		7.400	
09-03-16	Room Tax		13.024	
	Total		**472.120**	**0.000**

Balance 472.120 JOD

Balance In 472.120 $683.79

Your Rewards Points/Frequent Flyer Miles earned will be credited to your account and will appear on your next statement.

A-$683.79
B- $683.79
C $683.79
D $547.48
E $446.03
TOTAL $3.144.88
Less Tip -$1.44 (1 JOD) pg 22
Total invoiced $3,143.43

1A

AMMAN MARRIOTT HOTEL
SHMEISSANI, ISSAM AJLONI STREET
P.O. BOX 926333, AMMAN 11190 JORDAN
TEL +(962) 6 560 7607 FAX +(962) 6 567 0100

INFORMATION INVOICE

(b)(6)

Room No.	:	0425
Arrival	:	05-03-16
Departure	:	10-03-16
Page No.	:	1 of 1
Cashier No	:	203
MRW No.		
Printing Date		10 March 2016
Check Out Time	:	
Sales Tax No	:	77145

Company Name Tech Trans International

Date	Description	Reference	Debit JOD	Credit JOD
05-03-16	Accomodation		74.000	
05-03-16	Room - Service Charge		7.400	
05-03-16	Room Tax		13.024	
06-03-16	Accomodation		74.000	
06-03-16	Room - Service Charge		7.400	
06-03-16	Room Tax		13.024	
07-03-16	Accomodation		74.000	
07-03-16	Room - Service Charge		7.400	
07-03-16	Room Tax		13.024	
08-03-16	Accomodation		74.000	
08-03-16	Room - Service Charge		7.400	
08-03-16	Room Tax		13.024	
09-03-16	Accomodation		74.000	
09-03-16	Room - Service Charge		7.400	
09-03-16	Room Tax		13.024	
		Total	**472.120**	**0.000**

Balance **472.120 JOD**
Balance In **472.120** $683.79

18

AMMAN MARRIOTT HOTEL
SHMEISSANI, ISSAM AJLUNI STREET
P.O. BOX 926333, AMMAN 11190 JORDAN
TEL: +[962] 6 560 7667 FAX: +[962] 6 567 0100

INFORMATION INVOICE

(b)(6)

1109 abb Pi Ng
Washington
USA

Company Name Tech Trans International

Room No		1425
Arrival	:	05-03-16
Departure	:	10-03-16
Page No.		1 of 1
Cashier No		203
MRW No.	:	XXXXX5388
Printing Date	:	10 March 2016
Check Out Time	:	
Sales Tax No.	:	77145

Date	Description	Reference	Debit JOD	Credit JOD
05-03-16	Accomodation		74.000	
05-03-16	Room - Service Charge		7.400	
05-03-16	Room Tax		13.024	
06-03-16	Accomodation		74.000	
06-03-16	Room - Service Charge		7.400	
06-03-16	Room Tax		13.024	
07-03-16	Accomodation		74.000	
07-03-16	Room - Service Charge		7.400	
07-03-16	Room Tax		13.024	
08-03-16	Accomodation		74.000	
08-03-16	Room - Service Charge		7.400	
08-03-16	Room Tax		13.024	
09-03-16	Accomodation		74.000	
09-03-16	Room - Service Charge		7.400	
09-03-16	Room Tax		13.024	
		Total	**472.120**	**0.000**

Balance **472.120 JOD**
Balance In **472.120**

$683079

Your Rewards Points/Frequent Flyer Miles earned will be credited to your account and will appear on your next statement.

1C

AMMAN MARRIOTT HOTEL
SHMEISSANI, ISSAM AJLUNI STREET
P.O. BOX 926333, AMMAN 11190 JORDAN
TEL: +(962) 6 560 7607 FAX: +(962) 6 567 0100

NFORMATION INVOICE 257987

(b)(6)

Jordan

Room No.	:	9106
Arrival	:	05-03-16
Departure	:	09-03-16
Page No	:	1 of 1
Cashier No.	:	203
MRW No.	:	XXXXX3945
Printing Date	:	10 March 2016
Check Out Time	:	
Sales Tax No.	:	77145

Company Name Tech Trans International

Date	Description		Reference	Debit JOD	Credit JOD
05-03-16	Accomodation			74.000	
05-03-16	Room - Service Charge			7.400	
05-03-16	Room Tax			13.024	
06-03-16	Accomodation			74.000	
06-03-16	Room - Service Charge			7.400	
06-03-16	Room Tax			13.024	
07-03-16	Tips - Villa Med		Room# 0412 : CnFCK0 0017695	1.000	
07-03-16	Accomodation			74.000	
07-03-16	Room - Service Charge			7.400	
07-03-16	Room Tax			13.024	
08-03-16	Accomodation			74.000	
08-03-16	Room - Service Charge			7.400	
08-03-16	Room Tax			13.024	
09-03-16	American Express XXXXXXXXXXX1055	XX/XX			378.696
			Total	**378.696**	**378.696**

Balance **0.000 JOD**
Balance In **0.000**

$547.48

Your Rewards Points/Frequent Flyer Miles earned will be credited to your account and will appear on your next statement

Local Amount	378.696	Approval Code		Credit Card No	XXXXXXXXXXX1055
Exchange Rate		Approval Amount	378.696	Credit Card Exp.	XX/XX
Transaction ID	96660472	Terminal ID			
Merchant ID					

Please debit/credit my account by the amount indicated above Cardholder Signature

ID

MARRIOTT

AMMAN MARRIOTT HOTEL
SHMEISSANI, ISSAM AJLUNI STREET
P.O. BOX 926333, AMMAN 11190 JORDAN
TEL: +(962) 6 560 7607 FAX: +(962) 6 567 0100

INFORMATION INVOICE 257986

(b)(6)
Rockvila
usa
Rockville MD 20852

Company Name Tech Trans International

Room No	:	9105
Arrival	:	05-03-16
Departure	:	09-03-16
Page No.	:	1 of 1
Cashier No	:	203
MRW No.		XXXXX3945
Printing Date		10 March 2016
Check Out Time		
Sales Tax No	:	77145

Date	Description	Reference		Debit JOD	Credit JOD
05-03-16	Accomodation			74.000	
05-03-16	Room - Service Charge			7.400	
05-03-16	Room Tax			13.024	
06-03-16	Accomodation			74.000	
06-03-16	Room - Service Charge			7.400	
06-03-16	Room Tax			13.024	
07-03-16	Accomodation			74.000	
07-03-16	Room - Service Charge			7.400	
07-03-16	Room Tax			13.024	
08-03-16	Accomodation			74.000	
08-03-16	Room - Service Charge			7.400	
08-03-16	Room Tax			13.024	
09-03-16	American Express XXXXXXXXXXX1055	XXXX			377.696
			Total	**377.696**	**377.696**

Balance 0.000 JOD
Balance In 0.000 $546.03

Your Rewards Points/Frequent Flyer Miles earned will be credited to your account and will appear on your next statement

Local Amount	377.696	Approval Code		Credit Card No.	XXXXXXXXXXX1055
Exchange Rate		Approval Amount	377.696	Credit Card Exp	XXXX
Transaction ID	9560473	Terminal ID			
Merchant ID					

Please debit/ credit my account by the amount indicated above Cardholder Signature

1 E

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YA5D9O
Invoice No.:	74375~74376	**Agent:**	(b)(6)
Issue Date:	Wednesday, January 20, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

- If you would like to view your reservation online with Check My Trip. Click Here
- For Aircraft Disinsection Requirements: Click Here

AIR - Friday March 4 2016

Icelandair Flight FI450 Economy Class

Check In Confirmation: YA5D9O *(*24 Hours Prior)*

Depart:	8:30 AM, Friday, March 4 Keflavik Intl. Airport Reykjavik, Iceland	**Arrive:**	11:30 AM, Friday, March 4 Heathrow Airport-Terminal 2 London, United Kingdom
Status:	Confirmed		
Booking Code:	L (Economy)		
Equipment:	Boeing 757-200 (winglets)	**Stops:**	Non-stop
Duration:	3 hours 0 minutes	**Seat:**	21C (Non smoking, Aisle) Confirmed
Meal:	Food For Purchase, Alcoholic Beverages For Purchase		

Weather | Flight Status *(*up to 3 days prior)* | Dining Reservations

AIR - Friday March 4 2016

Etihad Airways Flight EY20 Economy Class

Check In Confirmation: DIZLFE

Depart:	2:05 PM, Friday, March 4 Heathrow Airport-Terminal 4 London, United Kingdom	**Arrive:**	1:20 AM, Saturday, March 5 Abu Dhabi Intl. Airport-Terminal 3 Abu Dhabi, United Arab Emirates
Status:	Confirmed		
Booking Code:	V (Economy)		
Equipment:	Airbus Industrie A380-800	**Stops:**	Non-stop
Duration:	7 hours 15 minutes	**Seat:**	41C (Non smoking, Aisle) Confirmed
Meal:	Meal		

Weather | Flight Status *(*up to 3 days prior)*

AIR - Saturday March 5 2016

Etihad Airways Flight EY513 Economy Class

Check In Confirmation: DIZLFE

Depart:	10:30 AM, Saturday, March 5	**Arrive:**	12:05 PM, Saturday, March 5

Abu Dhabi Intl. Airport-Terminal 3 Abu Dhabi, United Arab Emirates	Queen Alia Intl Airport Amman, Jordan

Status:	Confirmed		
Booking Code:	V (Economy)		
Equipment:	Airbus Industrie A321	**Stops:**	Non-stop
Duration:	3 hours 35 minutes	**Seat:**	08D (Non smoking, Aisle) Confirmed
Meal:	Meal		

Weather | Flight Status *(up to 3 days prior)*

AIR - Wednesday March 9 2016

Delta Air Lines Flight DL8429 Economy Class
Operated By Air France
Check In With Air France (AF3887)

Check In Confirmation: HJQD62

Depart:	1:15 AM, Wednesday, March 9 Queen Alia Intl Airport Amman, Jordan	**Arrive:**	5:30 AM, Wednesday, March 9 Charles De Gaulle Arpt Terminal 2E Paris, France

Status:	Confirmed		
Booking Code:	L (Economy)		
Equipment:	Airbus Industrie A320	**Stops:**	Non-stop
Duration:	5 hours 15 minutes	**Seat:**	11D (Non smoking) Confirmed
Meal:	Breakfast		
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

AIR - Wednesday March 9 2016

Delta Air Lines Flight DL8496 Economy Class
Operated By Air France
Check In With Air France (AF54)

Check In Confirmation: HJQD62

Depart:	1:45 PM, Wednesday, March 9 Charles De Gaulle Arpt Terminal 2F Paris, France	**Arrive:**	4:35 PM, Wednesday, March 9 Dulles Intl Arpt Washington, District of Columbia, USA

Status:	Confirmed		
Booking Code:	L (Economy)		
Equipment:	Boeing 777-300ER	**Stops:**	Non-stop
Duration:	8 hours 50 minutes	**Seat:**	40J (Non smoking) Confirmed
Meal:	Lunch		
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document	Base	Tax	Total
Etihad Airways / 607 7796737989	523.00	260.63	783.63
	Form of Payment: AX XXXXXXXXXXXX1329		
Delta Air Lines / 006 7796737990	230.00	346.17	576.17
	Form of Payment: AX XXXXXXXXXXXX1329		
Processing Fee / 890 0659668225	43.00		43.00
	Form of Payment: AX XXXXXXXXXXXX1329		
Totals:	796.00	606.80	USD 1402.80

Total Charged to Credit Card:	USD 1402.80
Balance Due:	USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with Icelandair is YA5D9O.

• Your reservation number with Etihad Airways is DIZLFE.

• Your reservation number with Delta Air Lines is HJQD62.

• BAGGAGE CHARGES MAY APPLY. FOR MORE INFO..PLEASE VISIT
- ICELANDAIR-WWW.ICELANDAIR.US
- ETIHAD AIRWAYS-WWW.ETIHADAIRWAYS.COM
- AIR FRANCE-WWW.AIRFRANCE.US BAGGAGE ALLOWANCE-SPECIFIC SIZE/WEIGHT RESTRICTIONS VARY BETWEEN AIRLINES. EXCESS CHARGES MAY APPLY IF EXCEEDED.

• Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding.

• A valid passport is required for your journey. Passport must be valid at least 6 months beyond intended stay

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• In european airports...Customers may be asked to turn on any electronic or battery powered devices at security. Please ensure they are fully charged.

• This is an electronic ticket valid only on issuing airline.

• Passport and Etkt itinerary required for check in. Boarding passes required prior to entering security.

• Freq. Flyer nbr for icelandair not provided freq. flyer nbr for Delta Air lines not provided please provide at check in.

• View your itinerary at www.checkmytrip.Com use your last name and trip locator YA5D9O

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service.

• Emergency travel assist collect in Iceland/Jordan/France 416 emergency travel assist collect in United Kingdom/United Arab emirat/Jordan/France 416.

• 928-5404.

Invoice No: 74375~74376

access more

Federal law forbids the carriage of certain hazardous materials, such as aerosols fireworks and flammable liquids aboard the aircraft. If you do not understand these restrictions, contact your airline or go to http://www.faa.gov/about/initiatives/hazmat_safety/

For Aircraft Disinsection Requirements http //ostpxweb dot gov/policy/safetyenergyenv/disinsection htm

Sent To FOIA (b)(6) metabiota@uniglobekentlands.com invoices@uniglobekentlands.com

Travel Document Systems TDS

Contact (b)(6)
Phone · (b)(6)

Order Date · **02/03/2016**
TDS Order # **128302**

Sold To:
Metabaiota
425 California street
suite 200
San Francisco, CA 94104 US
2023208338

Ship To:
Metabiota Inc
(b)(6)
8757 Georgia ave
Suite 800
Silver Spring, MD 20910 US
2023208338

Service	TDS Fee	Gov't Fee**	Item Total
(b)(6) Departure:03/04/2016			
Jordan: Single Entry Visa Valid 2 Months, Business, 4 Business Days	$70.00	$72.50	$142.50
(b)(6) Departure:03/04/2016			
Jordan: Single Entry Visa Valid 2 Months, Business, 4 Business Days	$70.00	$72.50	$142.50
(b)(6) Departure:03/04/2016			
Jordan: Single Entry Visa Valid 2 Months, Business, 4 Business Days	$70.00	$72.50	$142.50
Return Shipping **Client Pickup**			$0.00

Subtotal	$427.50
Shipping	$0.00
Finance Fee	$14.96
Total	$442.46
Total Received	$442.46
Balance Due	$0.00

Professional Jordanian Tours & Driver Services

AMMAN, JORDAN,
ALBAKRI TRD CENTER,
WWW.JORDANIA-AVENTURA-DRIVERS.COM
00962 -0797 -581 366
00962 -0799 -125 5500

TOURS & TOURISTS TRANSPORTATION SERVICES

Customer Name: (b)(6) (SOUTHEAST ASIA PROGRAM MANAGER - AEP @ Metabiota)
Invoice Date: 05.03.2016
Invoice Number: 185-0169
Customer ID: JOMNVN-0021512-March-2016

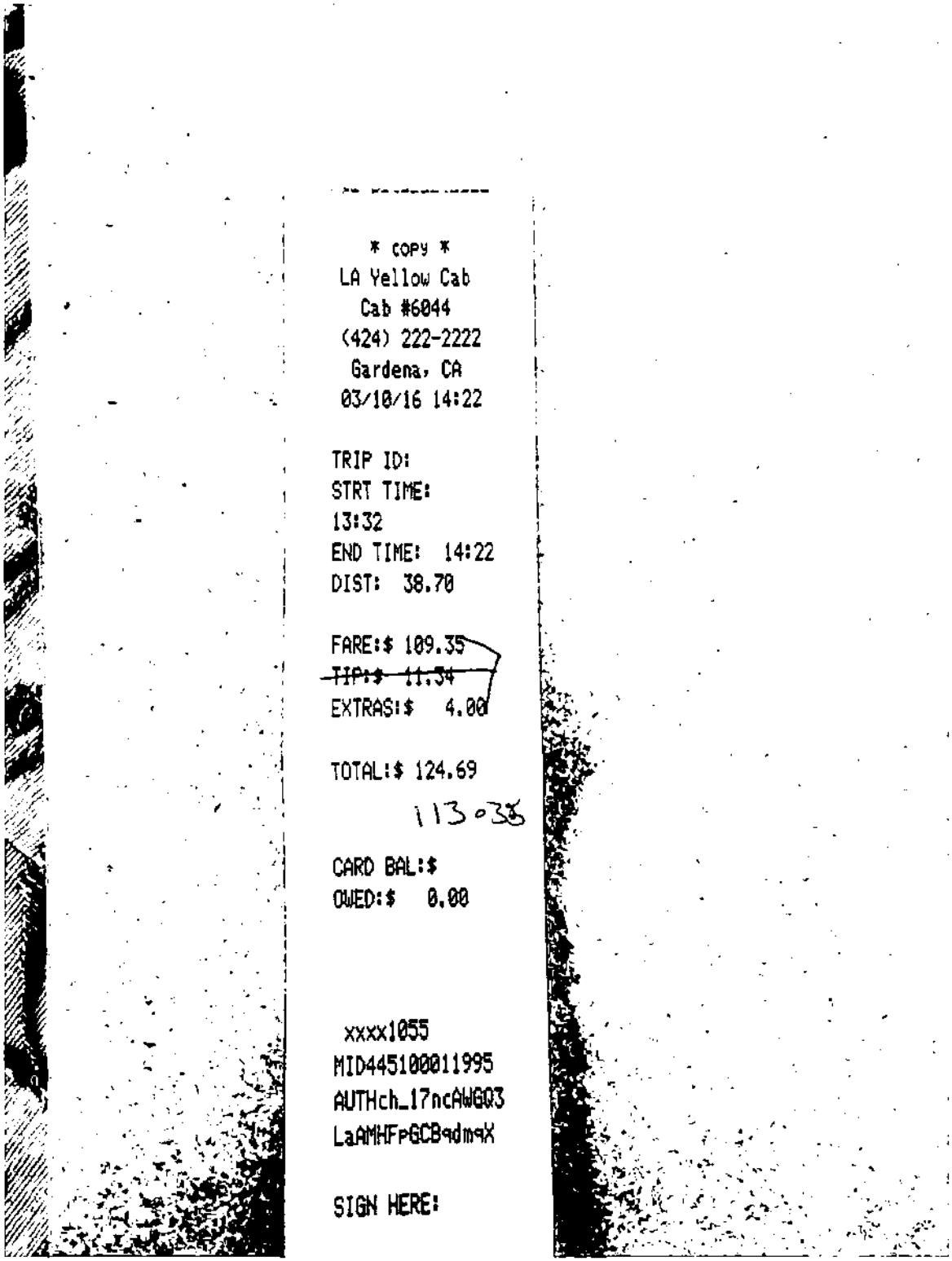
Bill To: Metabiota, Inc.
425 California Street, 2nd Floor
San Francisco, Ca 94104
p (415) 398-4712
F (415) 398-4716

Item	Quantity	Description	Unit Price	Disc %	Total
MINIVAN	1	Minivan & driver from 05.03.2016 to 11.03.2016 March As per client received itinerary and for our agreed price	$730.00	0.00%	$730.00
				Subtotal	$730.00
				Balance Due	$0.00

FULL AMOUNT PAID IN CASH
(b)(6)

View or download this invoice directly through our website

http://jordania-aventura-drivers.com/0021544-Carlyle-Gollogly.pdf



* COPY *
LA Yellow Cab
Cab #6044
(424) 222-2222
Gardena, CA
03/10/16 14:22

TRIP ID:
STRT TIME:
13:32
END TIME: 14:22
DIST: 38.70

FARE:$ 109.35
~~TIP:$ 11.34~~
EXTRAS:$ 4.00

TOTAL:$ 124.69

113035

CARD BAL:$
OWED:$ 0.00

xxxx1055
MID445100011995
AUTHch_17ncAWGQ3
LaAMHFpGCBqdmqX

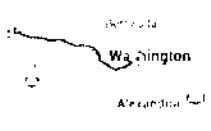
SIGN HERE:

Your Thursday afternoon trip with Uber

Uber Receipts

UBER

$37.96



	1.15
	25.30
	5.07
Subtotal	**$32.51**
	1.35
	4.00

- 03:11pm
- 03:47pm

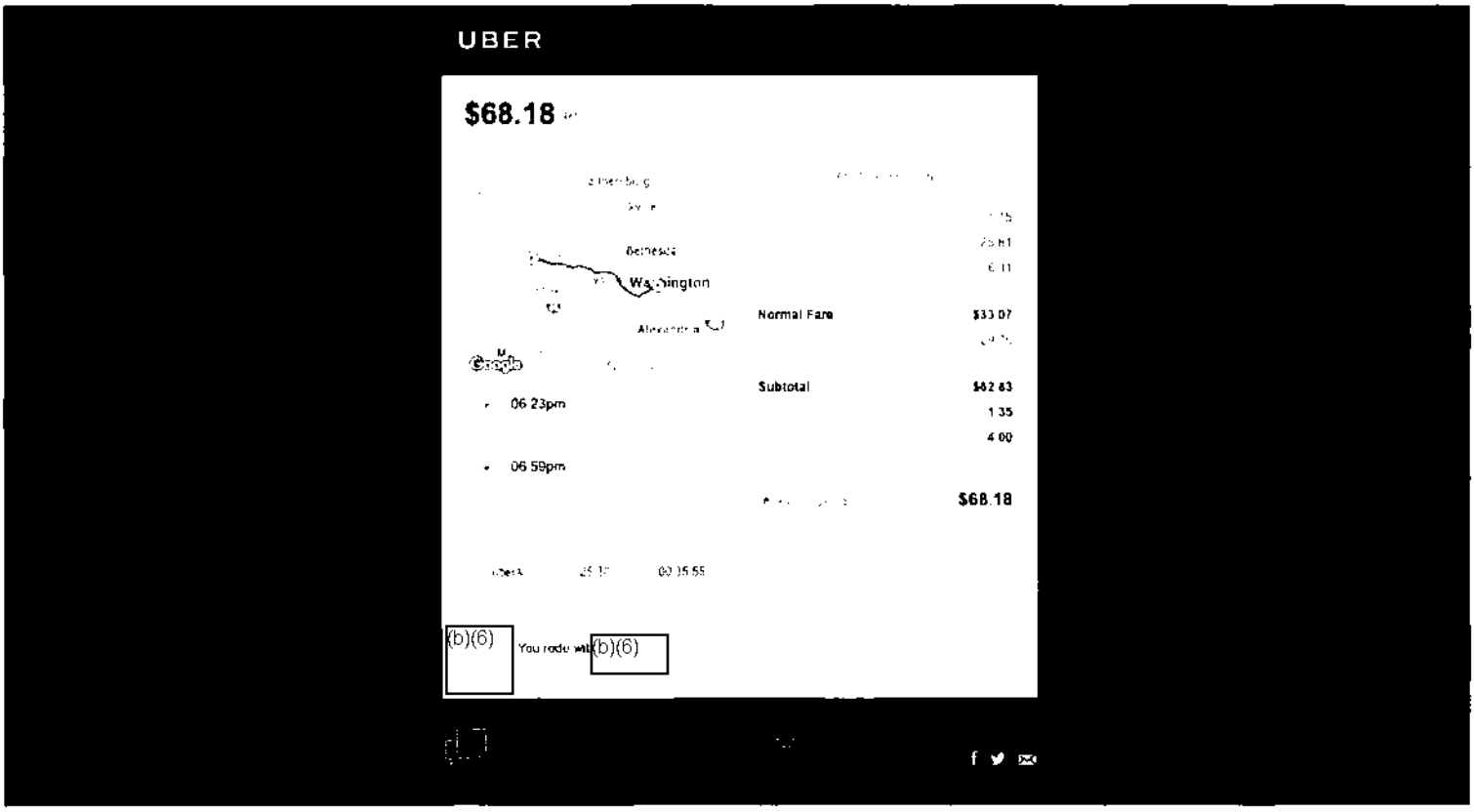
FOIA (b)(6)

(b)(6)

You rode with (b)(6)

Your Friday evening trip with Uber

Uber Receipts



TD 005 Iraqi Distance Learning – Canceled and will not be invoiced

TD 006 Nipah Research Activity Project- Canceled - Invoiced to Completion Invoice #725

TD 007 Regional Baseline Assessment - Invoiced to Completion Invoice #725.

TD 008 Clinician Training – Invoiced to Completion Invoice #726.

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/2015-05/15/2016

CLIN 1002 – Labor

Program Manager:
(b)(6) led project activities for this effort. including communications with DTRA/A&AS to communicate project status. He led coordination with the in-country NHLS team to work through financial and administrative issues (b)(6) also spoke with the University of British Columbia to determine the technical requirements necessary for OHASIS module development in the event that the in-country developer is unable to complete the task.

Grants Manager:
(b)(6) led in-country activities for this effort, working with local vendors, banks, and the administrative staff at NHLS to resolve a financial issue with the videography subcontractor. (b)(6) also participated in calls with (b)(6) to work through additional financial and administrative issues.

Trainer 1:
(b)(6) participated in project activities on this effort, including communications with DTRA/A&AS to communicate project status. She also coordinated with the in-country NHLS team to work through some financial and administrative issues.

Research and Data Analyst:
(b)(6) and (b)(6) assisted in working through financial and administrative issues including invoicing and the availability of (b)(6) to complete the OHASIS development.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced this period.

CLIN 1005 – Travel
Travel costs being invoiced this period include lodging and per diem for the NHLS staff to conduct fit testing for deliverable 2.

(b)(4); (b)(6)

PROTEA HOTEL
HUNTERS REST

R24-Rustenburg/Krugersdorp Road
PO Box 775
Rustenburg, 0300
Tel: 014 537 8300
Fax: 014 537 8400
www.huntersrest.co.za

Pro Forma Invoice

VAT NO #4480265802

Date: 03-Feb-16
Invoice: CD100

(b)(6)
Metabiota Inc.
(b)(6)

DESCRIPTION				AMOUNT	
Conference and Meals					
02 February 2016:					
5	Accommodation, Bed & Breakfast - Single	1	R 985.00	R	4925.00
5	Tourism Levy	1	R 9.00	R	45.00
03 February 2016:					
4	Accommodation, Bed & Breakfast - Single	1	R 985.00	R	3940.00
4	Tourism Levy	1	R 9.00	R	36.00
1	Payment Received			R	-1988.00
This invoice includes 14% Vat.					
				VAT R	854.49
			TOTAL	R	6958.00

Banking Details
First National Bank - Church Square Pretoria
Branch; 250655
Account No: 62480435736
Shift Code: FIRNZAJJ
Thank you for staying with us !

$4152.98

only mvorchy

$ 388.27

Protea Hotel Hunters

2016/02/04 08:53:16
TT:VX52010 AB:100 VC:4.5.26

M:118143
U:312079

MERCHANT COPY

REPRINT
2016/02/04 08:54:08

N:1866 TSN:3055
H:20160203070539
A:225922
I:HM B:00459/004
Operator:0001 P:N
Credit
P:378750423621485

MANUAL ENTRY
OBTAIN CARD IMPRINT

Purchase R6968.00

TOTAL R6968.00

Cardholder Signature

Operator Signature
(b)(6)

Supervisor Signature
(b)(6)

Protea Hotel Hunters

2016/02/04 08:53:16
TT:VX52010 AB:100 VC:4.5.26

M:118143
U:312079

CUSTOMER COPY

REPRINT
2016/02/04 08:54:08

N:1866 TSN:3055
H:20160203070539
Credit
P:[redacted]1485

Purchase R6968.00

TOTAL R6968.00

Thank You

TD 010 One Health Epidemiology - South Africa

Objectives
Define the South African Training One Health and Epidemiology training landscape, and oversee the review and development of recommendations for adaptation of existing One Health Epidemiology Training Materials while supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015 - 03/31/2016

CLIN 1002 – Labor

Program Manger:
Metabiota Africa Regional Program Manager (b)(6) ed project activities during this time period. He led bi-weekly conference calls with DTRA CBEP Representation, and separate bi-weekly calls with South African Project Stakeholders. (b)(6) provided oversight to the development and submission of the final project deliverable. He ensured that all relevant technical information gained during Metabiota's in-country meetings was integrated into the final project deliverable, and that the project was closed appropriately.

Trainer 1:
Metabiota Project Manage (b)(6) provided coordination support to the Program Manager and SME throughout this period. She participated in bi-weekly conference calls with DTRA CBEP representation and the South African project stakeholders. She contributed to the final project deliverable by providing technical input and general edits.

Subject Matter Expert 2:
Metabiota Staff Scientist (b)(6) provided technical leadership in the development of the final project deliverable during this period. She participated in bi-weekly conference calls with DTRA CBEP representation and the South African project stakeholders. She additionally provided technical oversight towards the development of the final project deliverable through ensuring that information integrated into the report was relevant to project scope and general scientific best practices. She additionally supported the PM by ensuring appropriate project closeout.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced this period.

CLIN 1005 – Travel
Travel costs incurred include lodging, airfare and per diem for subject matter exper (b)(6) (b)(6) to travel to South Africa and lead/participate in face to face landscape analysis meetings. While in South Africa a car service was used to transport Metabiota staff. To meetings and to the airport.

Metabiota						
TD 010 One Health Epi South Africa						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

VETAB OTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	ZEXHX3
Invoice No.:	75099	**Agent:**	(b)(6)
Issue Date:	Wednesday, February 10, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	FOIA (b)(6)

- If you would like to view your reservation online with Check My Trip: Click Here
- For Aircraft Disinsection Requirements: Click Here

AIR - Monday February 15 2016

Delta Air Lines Flight DL200 Economy Class

Check In Confirmation: HOIVHO *(*24 Hours Prior)*

Depart:	4:30 PM, Monday, February 15 Dulles Intl Arpt. Washington, District of Columbia, USA	**Arrive:**	5:40 PM, Tuesday, February 16 O.R. Tambo Int'l Airport-Terminal A Johannesburg, South Africa
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Boeing 737-700 (winglets)	**Stops:**	Atlanta
Duration:	18 hours 10 minutes		
Seat:	19E (Non smoking) Confirmed 34H (Non smoking) Confirmed	FOIA (b)(6)	
FF Number:	DL2167961628	**Meal:**	None

Weather Flight Status *(*up to 3 days prior)*

AIR - Friday February 19 2016

Delta Air Lines Flight DL9466 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL592)

Check In Confirmation: HOIVHO

Depart:	11:59 PM, Friday, February 19 O.R. Tambo Int'l Airport-Terminal A Johannesburg, South Africa	**Arrive:**	10:15 AM, Saturday, February 20 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Boeing 777-300ER	**Stops:**	Non-stop
Duration:	11 hours 16 minutes	**Seat:**	41D (Non smoking, Aisle) Confirmed
FF Number:	DL2167961628	**Meal:**	Breakfast
Remarks:	Not eligible for web check in		

Weather Flight Status *(*up to 3 days prior)*

AIR - Saturday February 20 2016

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation:
HOIVHO

Depart:	1:00 PM, Saturday, February 20 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3:45 PM, Saturday, February 20 Dulles Intl Arpt. Washington, District of Columbia, USA

Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	20D (Non smoking) On Request
FF Number:	DL2167961628	**Meal:**	Lunch
Remarks:	Not eligible for web check in		

Weather | Flight Status (*up to 3 days prior*) | Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7800816112		1175.00	499 40	1674.40
	Form of Payment AX XXXXXXXXXXXX1220			
Processing Fee / 890 0659810081		43.00		43.00
	Form of Payment. AX XXXXXXXXXXXX1220			
	Totals:	1218 00	499.40	USD 1717.40

Total Charged to Credit Card: USD 1717.40
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with Delta Air Lines is HOIVHO. Delta Air Lines contact phone number is 1-800-221-1212.

• Fare $1674.40

• Baggage charges may apply. For more info..Please visit
- Delta Air lines-www.Delta.com
- klm royal dutch airlines-www.klm.Com baggage allowance-Specific size/weight restrictions vary between airlines. Excess charges may apply if exceeded.

• Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding

• A valid passport is required for your journey. Passport must be valid at least 6 months beyond intended stay

• South Africa immigration requires 2 blank passport pages.

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• Delta Air lines freq. flyer nbr 2167961628 appended

• This is an electronic ticket valid only on issuing airline.

• Passport and Etkt itinerary required for check in. Boarding passes required prior to entering security.

• View your itinerary at www.checkmytrip.Com use your last name and trip locator ZEXHX3

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service. Emergency travel assist collect in South Africa/Netherlands 416. -928-5404

Invoice No: 75099

Federal law forbids the carriage of certain hazardous materials, such as aerosols, fireworks, and flammable liquids aboard the aircraft. If you do not understand these restrictions, contact your airline or go to http://www.faa.gov/about/initiatives/hazmat_safety/

For Aircraft Disinsection Requirements: http://ostpxweb.dot.gov/policy/safetyenergyenv/disinsection.htm

Sent To

(b)(6)

FOIA (b)(6) , Ticket/Invoice #75100, Agency File No.: ZEXGUA Departs 15FEB16 To: Johannesburg, Tkt:

AM

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE
Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	ZEXGUA
Invoice No.:	75100	**Agent:**	(b)(6)
Issue Date:	Wednesday, February 10, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

- If you would like to view your reservation online with Check My Trip: Click Here
- For Aircraft Disinsection Requirements: Click Here

Delta Air Lines Flight DL200 Economy Class

Check In Confirmation: HOEJHO *(*24 Hours Prior)*

Depart:	4:30 PM, Monday, February 15 Dulles Intl Arpt. Washington, District of Columbia, USA	**Arrive:**	5:40 PM, Tuesday, February 16 O.R. Tambo Int'l Airport-Terminal A Johannesburg, South Africa
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Boeing 737-700 (winglets)	**Stops:**	Atlanta
Duration:	18 hours 10 minutes		
Seat:	18E (Non smoking) Confirmed 33B (Non smoking) Confirmed	FOIA (b)(6)	
Phone:	1-800-221-1212	**FF Number:**	(b)(4); (b)(6)
Meal:	None		

Weather Flight Status *(*up to 3 days prior)*

Delta Air Lines Flight DL9466 Economy Class
Operated By Klm Royal Dutch Airlines

Check In Confirmation: HOEJHO

Check In With KLM Royal Dutch Airlines (KL592)

Depart:	11:59 PM, Friday, February 19 O.R. Tambo Int'l Airport-Terminal A	**Arrive:**	10:15 AM, Saturday, February 20 Schiphol Airport

	O.R. Tambo Int'l Airport-Terminal A Johannesburg, South Africa		Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	Q (Economy)		
Equipment:	Boeing 777-300ER	**Stops:**	Non-stop
Duration:	11 hours 16 minutes	**Seat:**	41D (Non smoking, Aisle) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Breakfast
Remarks:	Not eligible for web check in		

Weather **Flight Status** *(*up to 3 days prior)*

Delta Air Lines Flight DL9384 Economy Class **Check In Confirmation:**
Operated By Klm Royal Dutch Airlines **HOEJHO**
Check In With KLM Royal Dutch Airlines (KL651)

Depart:	1:00 PM, Saturday, February 20 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3:45 PM, Saturday, February 20 Dulles Intl Arpt. Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	Q (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	20D (Non smoking) On Request
FF Number:	(b)(4); (b)(6)	**Meal:**	Lunch
Remarks:	Not eligible for web check in		

Weather **Flight Status** *(*up to 3 days prior)* **Dining Reservations**

Invoice Details

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7800816113		1050.00	499.40	1549.40
	Form of Payment: VI (b)(4); (b)(6)			
Processing Fee / 890 0659810082		43.00		43.00
	Form of Payment: VI (b)(4); (b)(6)			
	Totals:	1093.00	499.40	USD 1592.40

Total Charged to Credit Card: USD 1592.40
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with Delta Air Lines is HOEJHO. Delta Air Lines contact phone number is 1-800-221-1212.

BLACKLANE

Blacklane GmbH · Feurigstraße 59 | 10827 Berlin | www.blacklane.com

(b)(6)

Germany

Customer no.	477130
Booking no.	20160214-4885209
Booking date	2016-02-14
Invoice no.	US0128338KE
Invoice date	2016-02-16

Invoice

Position	Amount	Description	Price
1	1	Transfer Ride starting at 15/02/2016, 13:05 from Bromfield Place 14021, 20874 Germantown, Maryland to Washington Dulles International Airport (IAD), Saarinen Circle 1, VA 20166 Washington, Sterling (Business Class)	126.53 USD
		Price total	126.53 USD

The amount has been charged to your credit card: (b)(4); (b)(6) transaction no: 1-122193970

No VAT-duty in Germany.

Thank you very much for using our services. We are looking forward to welcoming you again soon.

Best regards,
Your Blacklane team

BLACKLANE

Blacklane GmbH | Feurigstraße 59 | 10827 Berlin | www.blacklane.com

(b)(6)

Germany

Customer no.	477130
Booking no.	20160214-4885223
Booking date	2016-02-14
Invoice no.	US0129325KE
Invoice date	2016-02-22

Invoice

Position	Amount	Description	Price
1	1	Transfer Ride starting at 20/02/2016, 16:00 from Washington Dulles International Airport (IAD), All terminals, Exit after baggage claim, Saarinen Circle 1, VA 20166 Washington, Sterling to Bromfield Place 14021, 20874 Germantown, Maryland (Business Class)	130.53 USD
		Price total	130.53 USD

The amount has been charged to your credit card (b)(4); (b)(6) transaction no: 1-122194005

No VAT-duty in Germany.

Thank you very much for using our services. We are looking forward to welcoming you again soon.

Best regards,
Your Blacklane team

AAD Car & Truck Rental (Pty) Ltd
trading as

CABS CAR & TRUCK HIRE
Customers Appreciate Better Service

CABS CAR HIRE - JHB

18 HERMAN STREET HARMELIA GERMISTON 1401
Tel: 011 - 392 1388 Fax: 011 - 974 4301
VAT REG. NO. : 4030150082
COMPANY REG. : 1995/002686/07

Customer:
CASH SALES
.

9410
Cust VAT no. :

Delivery Address:
(b)(6)

425 CALIFORNIA STR
SUITE 200
SAN FRANCISCO
9410

TAX INVOICE - COPY

INVOICE NO. : 50014438
INVOICE DATE : 19/02/2016
ATT :
CUSTOMER REF. : (b)(6)
OUR REFERENCE : 50000470/R
SALES BRANCH : 500
ACCOUNT NUMBER: C001
CREDIT REF. :
CURRENCY : RAND
REP : 001
: DEFAULT REP
REP REFERENCE :
DISCOUNT % : 0%
USER : (b)(6)
DATE PRINTED : 25/02/2016
TIME PRINTED : 3:46 PM
PAGE : 1

PRODUCT DETAIL		PRICE EXCL	LINE DISC%	VAT%	UNIT	QUANTITY	NET VALUE
CHD	CHAUFFEUR DRIVE 15.02.2016	2250.00		0.00	EACH	1.000	2250.00
CHD	CHAUFFEUR DRIVE 16.02.2016	2250.00		0.00	EACH	1.000	2250.00
CD1	AFTER HOURS FEE 16.02.2016	300.00		0.00	EACH	4.500	1350.00
CHD	CHAUFFEUR DRIVE 16.02.2016 2ND VEHICLE	2250.00		0.00	EACH	1.000	2250.00
CHD	CHAUFFEUR DRIVE 17.02.2016	2250.00		0.00	EACH	1.000	2250.00
CD1	AFTER HOURS FEE 17.02.2016	300.00		0.00	EACH	2.000	600.00
CHD	CHAUFFEUR DRIVE 18.02.2016	2250.00		0.00	EACH	1.000	2250.00
CD1	AFTER HOURS FEE 18.02.2016	300.00		0.00	EACH	4.500	1350.00
CHD	CHAUFFEUR DRIVE 19.02.2016	2250.00		0.00	EACH	1.000	2250.00
CD1	AFTER HOURS FEE 19.02.2016	300.00		0.00	EACH	8.000	2400.00
RTF	Revenue Toll fee	216.74		0.00	EACH	1.000	216.74
RTF	VAT ON TOLL FEES	28.09		0.00	EACH	1.000	28.09
Registration number .							
Odometer reading .							
Vehicle make / model .							
Product/Engine number .							

SUB-TOTAL	19444.83
VAT	0.00
GRAND TOTAL	19444.83

FNB CLAREMONT, BRANCH CODE: 200109
ACC NO: 62033812795

---------- Vehicle Details ----------
Authorization number:
Vehicle make / model: .
Registration number : .
Product/Engine number: .
Odometer reading : .

Accepted by:_____ Signature:_____ Date:_____

+ $1,285.062

TD 011 Ukraine TADR Activity Project 4 (TAP-4) - Invoiced to Completion Invoice #729.

TD 012 Ukraine Project 2 (UP-2) -Invoiced to Completion Invoice #725. Transitioned to BTRIC.

TD 013 One Health Epidemiology Training - Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015-02/29/2016

CLIN 1002 – Labor
No labor costs are being invoiced during this period.

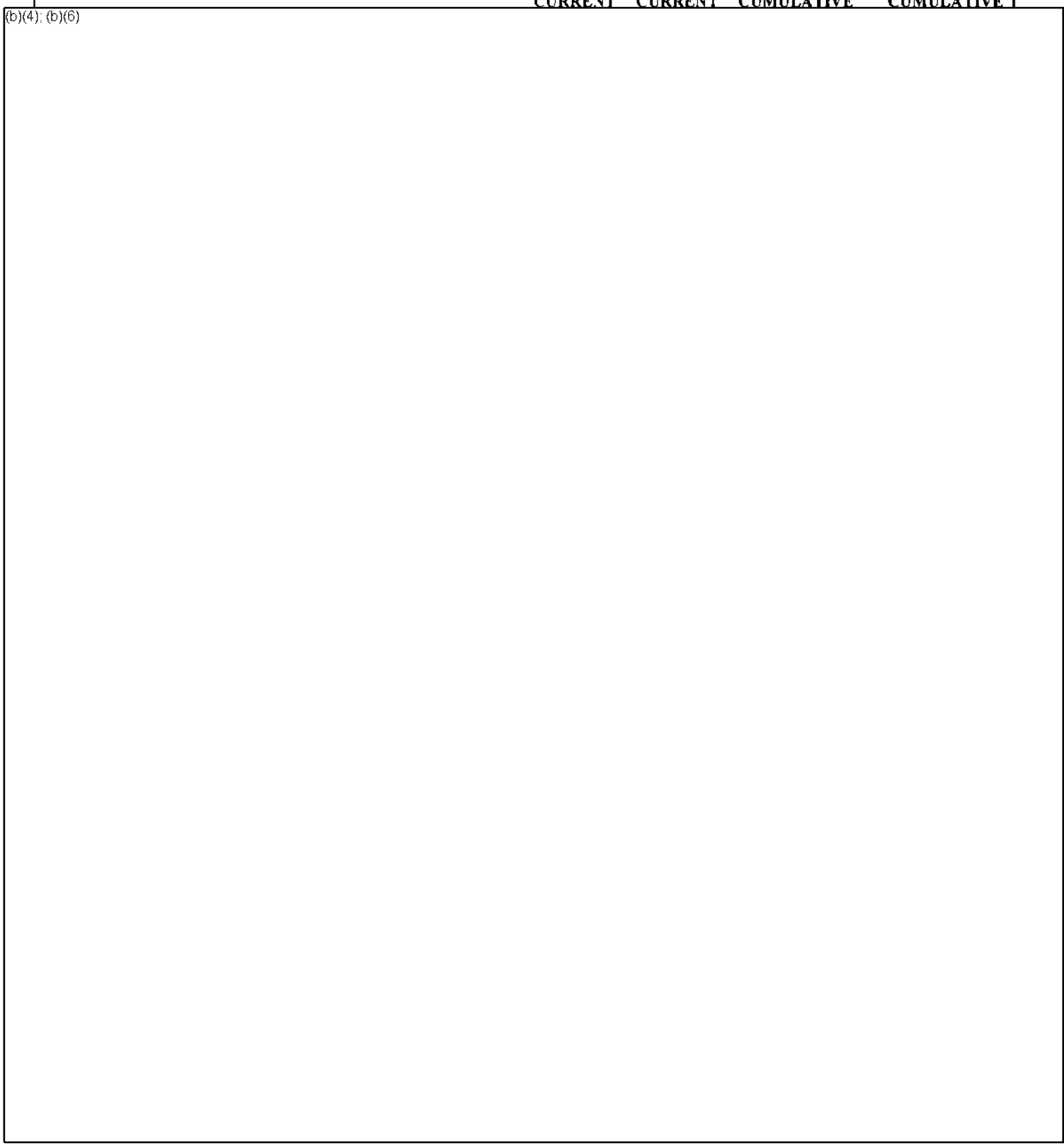
CLIN 1003 – Materials and Supplies
Material costs being invoiced include communication costs for Program Manager FOIA (b)(6) completing the final training of cohort 10 in February.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced during this period.

CLIN 1005 – Travel
Travel costs being invoiced this period include lodging, per diem, ground transportation, and airfare for FOIA (b)(6) to conduct the final training of cohort 10 in February.

Metabiota				
TD 013 One Health Epi				
CLIN 1002 Labor				
	CURRENT	CURRENT	CUMULATIVE	CUMULATIVE

(b)(4); (b)(6)



(b)(4); (b)(6)

METABIOTA

Metabiota, Inc

CASH RECEIPT

Name of Recipient (b)(6)

Purpose of expence Reimbursement [illegible]

Project Number OHE UG

Amount (in digits and in words) $ [illegible]

Date 2/4/16

Signature of Recipient

(b)(6)

Handled by

(b)(6)

[redacted]

TELECOM

(b)(6)

$43076

PMTS Ltd, Authorised Distributors of Airtel Products

P TS
Limited

P O Box 4 2
Kampala,
Uganda

GENERAL RECEIPT

No.

Date: / /

Received with thanks (b)(6) [redacted]

0704861638, 0704668704, 07[illegible]

The sum of ONE HUNDRED AND FIFTY THOUSAND SHILLING[illegible]

Being payment for: ~~9GB~~.

2 GB ON LACE

Cash/Cheque No.

Balance: (b)(6) [redacted]

Shs. 150 000

Signed:

For & on behalf of PMTS LIMITED

$ 43.41/A

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	8NCRZR
Invoice No.:	74084	**Agent:**	(b)(6)
Issue Date:	Monday, January 11, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

• If you would like to view your reservation online with Check My Trip: Click Here

• For Aircraft Disinsection Requirements: Click Here

AIR - Friday January 29 2016

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL652)

Check In Confirmation: G6X4QC

Depart:	6:00 PM, Friday, January 29 Dulles Intl Arpt Washington, District of Columbia, USA	**Arrive:**	7:25 AM, Saturday, January 30 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	7 hours 25 minutes	**Seat:**	35G (Non smoking) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Dinner
Remarks:	Not eligible for web check in		

Weather Flight Status *(*up to 3 days prior)*

AIR - Saturday January 30 2016

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: G6X4QC

Depart:	9:55 AM, Saturday, January 30 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	10:25 PM, Saturday, January 30 Entebbe Intl. Airport Entebbe, Uganda
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Kigali
Duration:	10 hours 30 minutes	**Seat:**	41D (Non smoking) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Breakfast
Remarks:	Not eligible for web check in		

Weather Flight Status *(*up to 3 days prior)*

AIR - Saturday February 6 2016

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: G6X4QC

Depart:	11.30 PM, Saturday, February 6 Entebbe Intl. Airport Entebbe, Uganda	**Arrive:**	6:00 AM, Sunday, February 7 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 30 minutes	**Seat:**	32G (Non smoking) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Breakfast
Remarks:	Not eligible for web check in		

Weather · Flight Status *(up to 3 days prior)*

AIR - Sunday February 7 2016

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation: G6X4QC

Depart:	1:00 PM Sunday, February 7 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3.45 PM, Sunday, February 7 Dulles Intl Arpt. Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	27B (Non smoking) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Lunch
Remarks:	Not eligible for web check in		

Weather · Flight Status *(up to 3 days prior)* · Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7796737711		729.00	560 86	1289 86
	Form of Payment: VI	(b)(4); (b)(6)		
Processing Fee / 890 0659588445		43 00		43.00
	Form of Payment: VI	(b)(4); (b)(6)		
	Totals:	772 00	560.86	USD 1332.86

Total Charged to Credit Card: USD 1332.86
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with Delta Air Lines is G6X4QC. Delta Air Lines contact phone number is 1-800-221-1212. fare $1289.86

• Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding.

← JAN 29, 2016, 1:49 PM

RECEIPT

Base Fare	1.15
29.04 Miles	29.62
47.65 Minutes	8.10
Subtotal	$38.87
Dulles Toll Road Toll	2.50
Dulles Toll Road Toll	1.00
Safe Rides Fee	1.35
IAD Airport Surcharge	4.00
Montgomery County Surcharge	0.25

VISA Personal (b)(4); (b)(6) $47.97

METABIOTA

Metabiota, Inc.

CASH RECEIPT

Name of Recipient (b)(6)

Purpose of expense Reimbursement for ground transportation to and from Fort Portal 31 Jan and 06 Feb 2016

Project Number OHE UG

(in digits and in words) 880 / eighty US dollars

2/9/16

Signature

(b)(6)

Handled by

(b)(6)

ALPHA & OMEGA TOURS & TRAVEL LTD.

772-509798/772-380148
0772-508322
...@infocom.co.ug

No.

RECEIPT

RECEIVED with thanks from (b)(6)

The sum of shillings. FIVE HUNDRED FOUR Dollars

Being payment for.... TRANSPORTATION TO FORT PORTAL FROM 3 JAN — 6 FEB

Cash/Cheque No.....

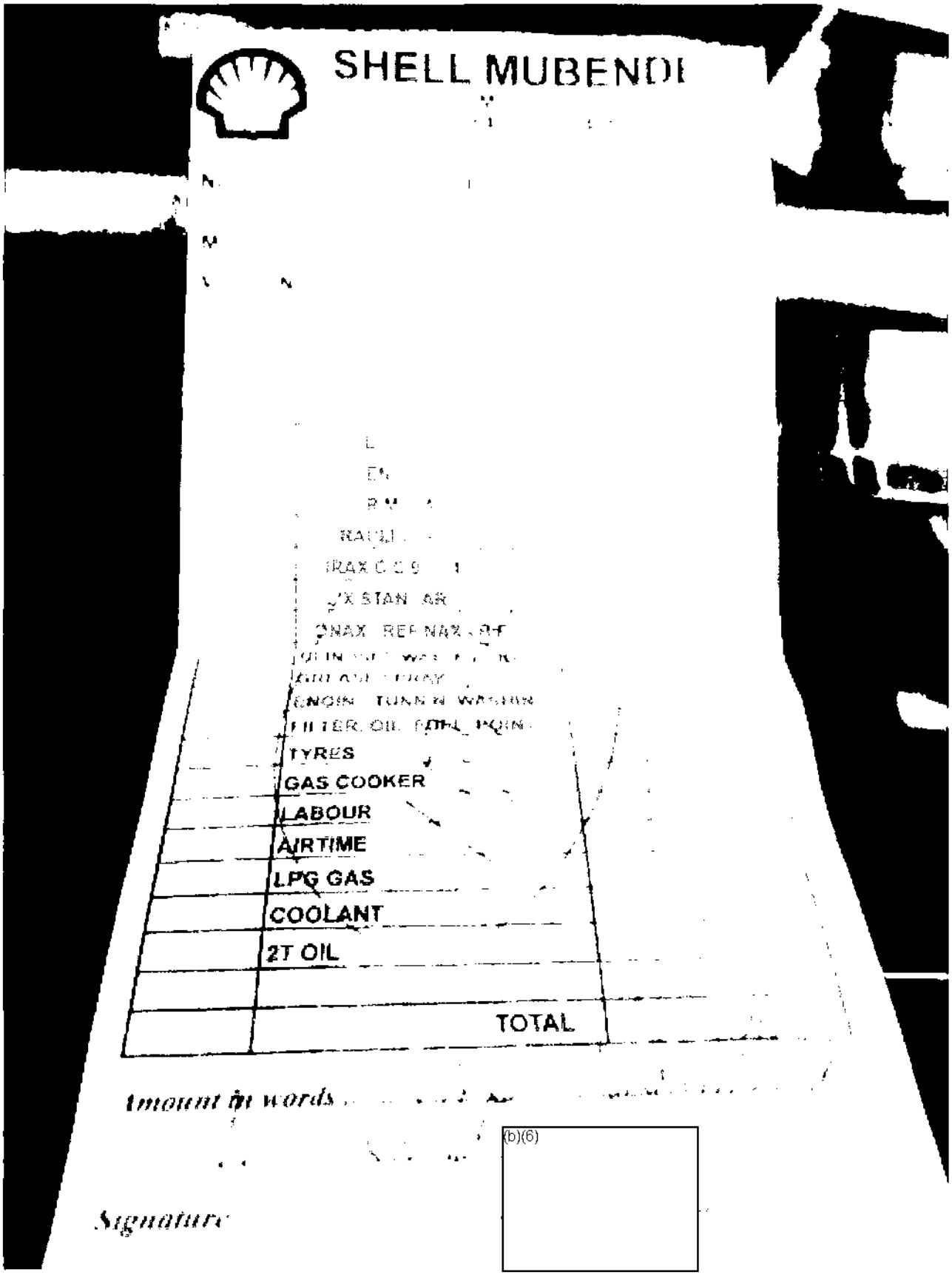
Balance (b)(6)

Shs./USD 504

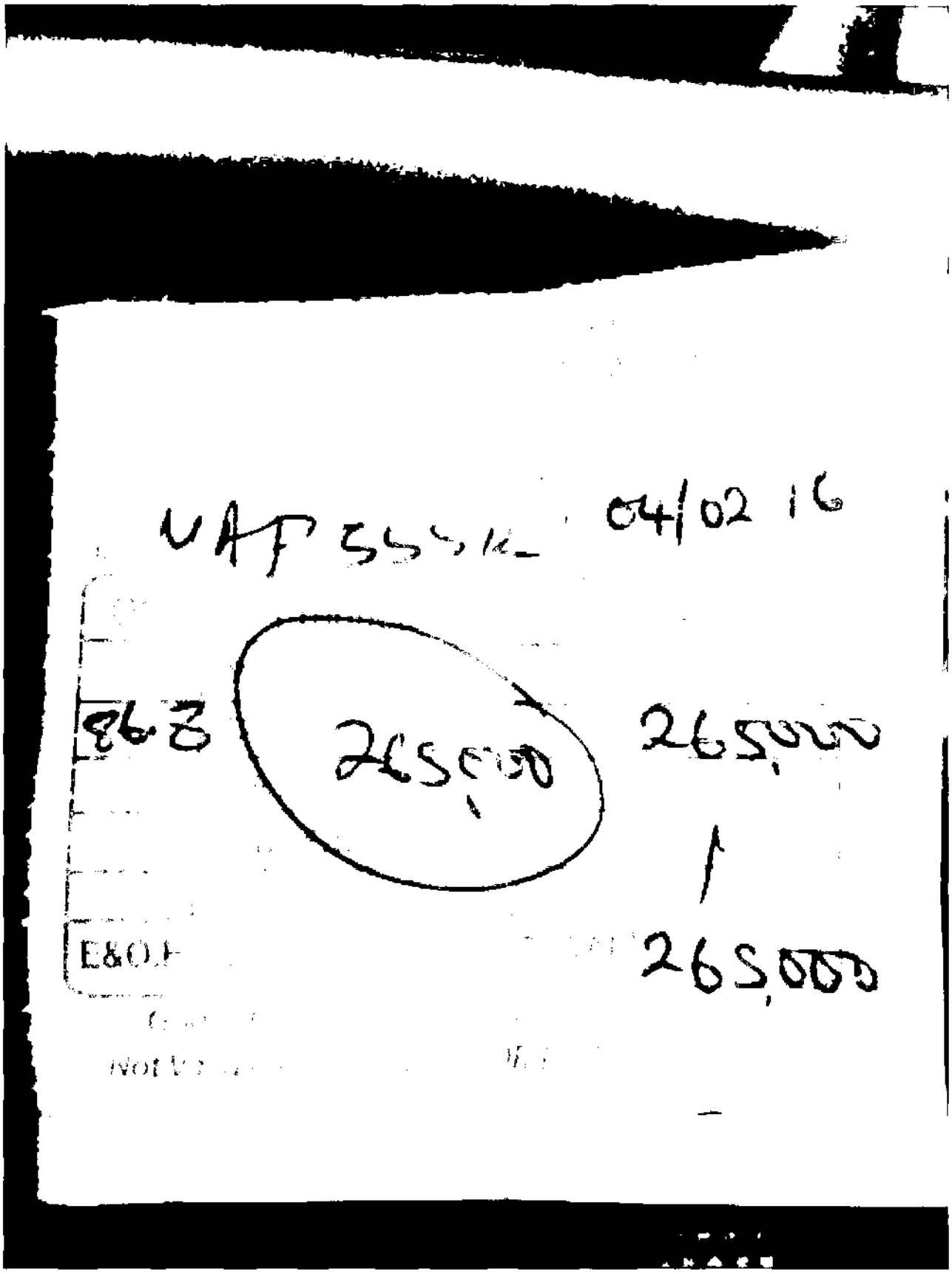
Signe.....

For. ALPHA & OMEGA TOURS & TRAVEL LTD

With Thanks


SHELL MUBENDI
TYRES
GAS COOKER
LABOUR
AIRTIME
LPG GAS
COOLANT
2T OIL
TOTAL
Amount in words
(b)(6)
Signature

$29.15



$77.27*

A.M.I SERVICES LTD.

C/O TOTAL ENTEBBE SERVICE STATION
OPERATOR FOR TOTAL UGANDA LIMITED
P.O. BOX 309, ENTEBBE. TEL: +256 414 320096

TIN. 1000134234

TOTAL

M/S	ORDER/ INVOICE
Address:	No.
Vehicle No. UAP 555K	Date: 31 / 01 / 010

ITEM	LTS.	SHS.
TOTAL SUPER		
TOTAL GAS OIL	75·80	223600/
TOTAL OIL		
TOTAL GAZ		
GAZ ACCESSORIES	223.600	
	TOTAL	223600/

FUEL EXEMPT OF VAT

AUTHORISED BY:..... SIGN.....

DRIVER NAME.....SIGN:.....

641.71

TD 014 Grant Writing Mentorship and Workshop – Kenya

Objectives

The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 07/02/15-04/30/16

CLIN 1002 – Labor

Program Manager:

Metabiota Regional Program Manager for Africa, (b)(6) continued to manage and provide oversight to this project. He maintained bi-weekly communication with DTRA CBEP representation and worked to address their concerns on quantifying the SME evaluation process (b)(6) worked to maintain regular communication with the project team as they continued their evaluation of manuscripts. He worked to integrate updated project deliverable language into final deliverables.

Subject matter 1:

Metabiota Project Manager (b)(6) led coordination efforts and provided technical support during this period. (b)(6) attended, recorded, and provided technical insight as necessary during bi-weekly calls. She additionally provided support to the PM and AEP leadership during the integration of new project deliverable requirements.

Metabiota independent consultant (b)(6) continued his work towards the evaluation and review of research participant manuscripts. He maintained communication with the PM and ensured compliance and understanding of the updated deliverable requests.

Metabiota independent consultant (b)(6) continued his work towards the evaluation and review of research participant manuscripts. He maintained communication with the PM and worked with lead SME (b)(6) to understand requests for updated deliverables.

Metabiota independent consultant (b)(6) ontinued his work towards the evaluation and review of research participant manuscripts. He maintained communication with the PM and worked with lead SME (b)(6) o understand requests for updated deliverables.

CLIN 1003 – Materials and Supplies

Costs being invoiced include access to KENVET: an investigation into a human anthrax outbreak in central Kenya for FOIA (b)(6) d training materials for the workshop.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced this period.

CLIN 1005 – Travel

Airfare, Lodging, ground transportation and Per Diem costs are being invoiced this period fo (b)(6) (b)(6) and FOIA (b)(6) complete the Writing Workshop in Kenya in February. Per Diem costs for Metabiota SMEs (b)(6) and (b)(6) are being invoiced for their time conducting the workshop, their other travel costs have already been invoiced. Costs for purchasing visas for Metabiota staff to enter Kenya to complete the training are also being invoiced.

Metabiota						
TD 014 Kenya Grants						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

Subject: AJOL Sales Receipt 105832038207
Date: Wednesday, February 10, 2016 at 7:35:58 AM Eastern Standard Time
From: no-reply@2co.com
To: FOIA (b)(6)

Order Number : 105832038207

AJOL (www.ajol.info)

Contents of your purchase :
Product Name : KENVET: An Investigation into a Human Anthrax Outbreak in Maragua District, Central Kenya
Quantity : 1

Total : 9.00 (USD)

Billing Information

FOIA (b)(6)

425 California St
2nd Floor
San Francisco, CA 94104
United States (USA)

Thank you for your business.

* Please do not reply to this email. Your response will not be received. Please visit our website to contact us about your order.

****

For questions about your order, including product delivery questions, please contact www.ajol.info

For payment specific questions, please contact http://www.2co.com (Customer support is available in English and Spanish.)

****

Project Name	Project Code				3.5% to
(b)(4); (b)(6)		(b)(4); (b)(6)			

(b)(4); (b)(6)

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YOTWRQ
Invoice No.:	74643~74644	**Agent:**	(b)(6)
Issue Date:	Wednesday, January 27, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	FOIA (b)(6)

- If you would like to view your reservation online with Check My Trip. Click Here
- For Aircraft Disinsection Requirements: Click Here

AIR - Friday February 5 2016

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL652)

Check In Confirmation: GUZO9U

Depart:	6:00 PM, Friday, February 5 Dulles Intl Arpt. Washington, District of Columbia, USA	**Arrive:**	7:25 AM, Saturday, February 6 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	X (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	7 hours 25 minutes	**Seat:**	35J (Non smoking) Confirmed
Meal:	Dinner		
Remarks:	Not eligible for web check in		

Weather Flight Status *(up to 3 days prior)*

AIR - Saturday February 6 2016

Delta Air Lines Flight DL9585 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL565)

Check In Confirmation: GUZO9U

Depart:	10:10 AM, Saturday, February 6 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	8:15 PM, Saturday, February 6 Jomo Kenyatta Intl Arpt Terminal 1C Nairobi, Kenya
Status:	Confirmed		
Booking Code:	X (Economy)		
Equipment:	Boeing 747	**Stops:**	Non-stop
Duration:	8 hours 5 minutes	**Seat:**	27H (Non smoking, Aisle) Confirmed
Meal:	Breakfast		
Remarks:	Not eligible for web check in		

Weather Flight Status *(up to 3 days prior)*

AIR - Monday February 15 2016

Kenya Airways Flight KQ760 Economy Class

Check In Confirmation:
YQTWRQ *(*30 Hours Prior)*

Depart:	8:25 AM, Monday, February 15 Jomo Kenyatta Intl Arpt. Terminal 1A Nairobi, Kenya	**Arrive:**	11:40 AM, Monday, February 15 O.R. Tambo Int'l Airport-Terminal A Johannesburg, South Africa
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Boeing 787-800	**Stops:**	Non-stop
Duration:	4 hours 15 minutes	**Seat:**	17J (Non smoking) Confirmed
Meal:	Meal		

Weather | Flight Status *(up to 3 days prior)*

AIR - Saturday February 20 2016

Delta Air Lines Flight DL9466 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL592)

Check In Confirmation:
GUZO9U

Depart:	11:59 PM, Saturday, February 20 O.R. Tambo Int'l Airport-Terminal A Johannesburg, South Africa	**Arrive:**	10:15 AM, Sunday, February 21 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Boeing 777	**Stops:**	Non-stop
Duration:	11 hours 16 minutes	**Seat:**	26H (Non smoking, Aisle) Confirmed
Meal:	Breakfast		

Weather | Flight Status *(up to 3 days prior)*

AIR - Sunday February 21 2016

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation:
GUZO9U

Depart:	1:00 PM, Sunday, February 21 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3:45 PM, Sunday, February 21 Dulles Intl Arpt. Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	25J (Non smoking) Confirmed
Meal:	Lunch		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document	Base	Tax	Total
Delta Air Lines / 006 779914362829	506.00	525.80	1031.80
	Form of Payment: AX XXXXXXXXXXXX1329		
Kenya Airways / 706 7799143630	323.00	134.00	457.00
	Form of Payment: AX XXXXXXXXXXXX1329		
Processing Fee / 890 0659705441	43.00		43.00
	Form of Payment: AX XXXXXXXXXXXX1329		
Totals:	872.00	659.80	USD 1531.80

Total Charged to Credit Card: USD 1531.80

$508.00

Printable Version

ETICKET RECEIPT IS ATTACHED
******* PLEASE REVIEW YOUR ITINERARY CAREFULLY*******
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE
Kentlands Travel
UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YOTSTF
Invoice No.:	74645~75196	**Agent:**	(b)(6)
Issue Date:	Wednesday, January 27, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	FOIA (b)(6)

- If you would like to view your reservation online with Check My Trip: Click Here
- For Aircraft Disinsection Requirements: Click Here

AIR - Sunday February 14 2016

Delta Air Lines Flight DL9496 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL566)

Check In Confirmation: GT4GHH

Depart:	10:30 PM, Sunday, February 14 Jomo Kenyatta Intl Arpt. Terminal 1C Nairobi, Kenya	**Arrive:**	5:00 AM, Monday, February 15 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	X (Economy)		
Equipment:	Boeing 747	**Stops:**	Non-stop
Duration:	8 hours 30 minutes	**Seat:**	Assigned at Check In
Meal:	Breakfast		
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)*

AIR - Monday February 15 2016

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation: GT4GHH

Depart:	1:00 PM, Monday, February 15 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3:45 PM, Monday, February 15 Dulles Intl Arpt Washington, District of Columbia USA
Status:	Confirmed		
Booking Code:	X (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	Assigned at Check In
Meal:	Lunch		
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
New E-Ticket / 006 7800816197 Exchanged Ticket / 006 7799143631		257.00	543.62	800.62
	Form of Payment AX XXXXXXXXXXXX1253			
Processing Fee / 890 0659820677		43.00		43.00
	Form of Payment: AX XXXXXXXXXXXX1253			
Exchange Ticket Number, Document Number: / 006-7799143631		-800.62		-800.62
FOIA (b)(6)				
	Form of Payment: Billed To Credit Card			
Airline Change Fee		300.00		300.00
FOIA (b)(6)				
	Form of Payment Billed To AX XXXXXXXXXXXX1253			
	Totals:	600.00	543.62	USD 1143.62

Total Charged to Credit Card: USD 343.00

Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with Delta Air Lines is GT4GHH Delta Air Lines contact phone number is 1-800-221-1212.

• Fare $800.62

• --IMPORTANT CHANGE IN OBTAINING KENYAN VISAS--

• --ALL KENYAN ENTRY VISAS MUST BE OBTAINED THROUGH AN ONLINE APPLICATIONS PROCESS PRIOR TO DEPARTURE. PLEASE VISIT WWW.ECITIZEN.GO.KE FOR VISA PROCESSING.-- Baggage charges may apply. For more info..Please visit

- Delta Air lines-www.Delta.com
- klm royal dutch airlines-www.klm.Com baggage allowance-Specific size/weight restrictions vary between airlines. Excess charges may apply if exceeded.

• Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding.

• A valid passport is required for your journey. Passport must be valid at least 6 months beyond intended stay

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• This is an electronic ticket valid only on issuing airline.

• Passport and Etkt itinerary required for check in. Boarding passes required prior to entering security

• Freq. Flyer nbr for Delta Air lines not provided please provide at check in.

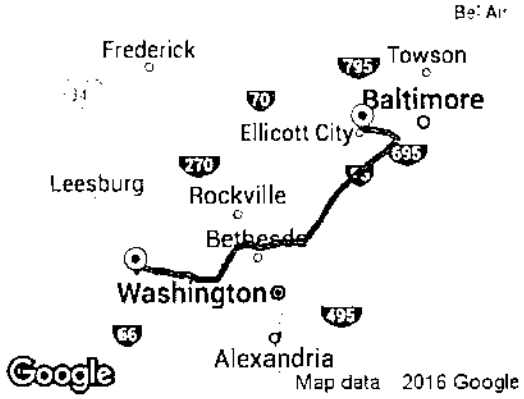
• View your itinerary at www.checkmytrip.Com use your last name and trip locator YOTSTF

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: It is not possible to make new reservations with the after hours service. Emergency travel assist collect in Netherlands/Kenya 416. -928-5404

Subject: Your Friday afternoon trip with Uber
Date: Friday, February 5, 2016 at 4:15:10 PM Eastern Standard Time
From: Uber Receipts
To: (b)(6)
CC:
Attachments: map_8361cbcf-9af8-416e-8632-b8b5bec2c75d

$240.70

FOIA (b)(6)



FARE BREAKDOWN

[illegible]	7.00
[illegible]	200.45
[illegible]	33.25
Subtotal	**$240.70**
[illegible]	**$240.70**

02:51pm
FOIA (b)(6)

04:14pm

BLACK CAR 61.68 01:23:07

(b)(6) You rode with (b)(6)

WASHINGTON FLYER
TAXI
(703)572-TAXI
REGENCY

PASSENGER COPY
CARD RECEIPT
DR. ID: 00005857
CAB#: 0857
PASS#: 1
DATE: 02/15/2016
ST.TIME: 16:45
END TIME: 18:04
TRIP#: 916038
DIST : 57.50 MI
RATE 1
FARE : $128.24
EXTRA : $ 0.00
TIP : $ 19.24
TOTAL : $ 147.48
CARD#: ****1253
AUTH#: 568436

THANK YOU
WE APRECIATE
YOUR BUSINESS
(301)222-2222

THANKS
www.sfmta.com

--ORIGINAL--
Royal Taxi
MED# 0019
DPUR# 526[illegible]
CUSTOMER COPY
02/16 16 TP 656
START END MILES
10:36 11:02 13.[illegible]
Regular Fare
RATE 1:$ 45.00
EXTRA: $ 4.00
SURCH: $ 0.00
TIP: $ 7.50
TOTAL: $ 56.30

CARD TYPE: AMEX
XXXXXXXXXXX[illegible]
AUTH:592475

THANKS
www.sfmta.com

Billing $51.75

Villa Rosa
Kempinski
NAIROBI

INFORMATION INVOICE

(b)(6)
Kenya

Room	:	1025
Arrival	:	13.02.16
Departure	:	15.02.16
Page No.	:	2 of 2
Invoice No.	:	
Adults / Children	:	1 / 0
Conf. No.	:	1574513
Voucher No.	:	
Cashier ID.	:	(b)(6)
Date / Time	:	15.02.16 / 05:11:27
Currency	:	USD
VAT/PIN No.	:	0010260N / P000609718

AR No.

Date	Description	Supplement	Charges	Credits
		Total	**557.98**	**0.00**
		Balance Due	**557.98**	

531026

Tax Breakdown In KES

Net Taxable Amount	444.90
VAT 16%	7,189.63
Non Tax Amount	200.00
Other Levies	4,031.42

(b)(6)

BARCLAYS

VILLA ROSA KEMPINSKI
SIMBA CORPORATION LIMITED
CHIROMO ROAD -WESTLANDS
NAIROBI

CASHIER ID: 1231
CASHIER NAME: (b)(6)
POS ID: 60029699 RECEIPT NB: 001470
VERSION: 1.11.22

MID:72830-88

378750 (b)(4); (b)(6)
AID: A0000000[illegible]
App PSN: 00
App Start Date: 10/14
App Exp Date: 04/18

AMERICAN EXPRESS

SALE

AMT 225.00 USD

PLEASE DEBIT MY ACCOUNT
VERIFIED BY SIGNATURE

AUTH CODE: 588909

THANK YOU FOR VISITING
VILLA ROSA KEMPINSKI.

AUTHORISED

Reference:
1021

DATE: 14.02.2016 TIME: 09:55:10
Cryptogram: 29310B827F042588
Cryptogram Type: TC
RRN: 001470990074
Account: Default

CARDHOLDER COPY

Villa Rosa
Kempinski

NAIROBI

INVOICE

Room	:	1021
Arrival	:	13.02.16
Departure	:	14.02.16
Page No.	:	1 of 1
Invoice No.	:	46636
Adults / Children	:	1 / 0
Conf. No.	:	1600761
Voucher No.	:	
Cashier ID.	:	(b)(6)
Date / Time	:	14.02.16 / 09:55:21
Currency	:	USD
VAT/PIN No.	:	0010260N / P000609718

Supplement		Charges	Credits
		180.00	
		12.60	
		3.60	
		28.80	
(b)(4); (b)(6)	XX/XX		225.00

P.O. BOX 75332-00200, Moi South Lake Road, Naivasha Kenya | Tel : +254 51 2130000 | Fax:
Email: sales@enashipai.com | Website: www.enashipai.com

PIN NO: P051164694H

(b)(6)

A/R Number:

INFORMATION COPY ONLY

Date	: 13/02/2016
Invoice No	:
Room	: 559
Arrival	: 07/02/2016
Departure	: 13/02/2016
Adults/Children	: 1 / 0
Voucher	:
C/O Time	:
Cashier / No	(b)(6)

Date	Description	Debit KES	Credit KES
07/02/2016	Senteu Lunch Food *#0011902*	12,000.00	

Total: 12,000.00

Balance Due: 12,000.00 KES

$L150

Tax Breakdown KES

V.A.T	:	1,536.00
Service Charge	:	672.00
Catering Levy	:	192.00

I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person company or associations fails to pay for any part or the full amount of these charges.

Guest Signature: _____

CVS/pharmacy

3300A CENT.LANE ELLICOTT CITY MD 21043
PHARMACY: 750-9439 STORE: 750-9385

REG#02 TRN#3363 CSHR#1244670 STR#2043

Helped by: (b)(6)

F 1 RX #: ****9550000 13.49N
F 1 RX #: ****9570000 128.99N

2 ITEMS
TOTAL 142.48
CHARGE 142.48
**********9135 CH
MasterCard (b)(4); (b)(6)
APPROVED# 00510P
REF# 023636
AID: A0000000041010
TC: 2CA4E773FAEBE1F1
TERMINAL# 69029924
SIGNATURE REQUIRED
CVM: 1E0300
TVR(95): 0000008000
TSI(9B): E800

CHANGE .00

2502 0436 0363 3630 24
RETURNS WITH RECEIPT THRU 04/05/2016

FEBRUARY 5, 2016 12:50 PM

F=FLEXIBLE SPENDING ACCT SUMMARY (FSA)
Prescription Elisible Total 142 48

****
FSA summary above includes items (and tax) that may be eligible for plan reimbursement. Restrictions may apply.
****

GET YOUR CVS EXTRACARE CARD

THANK YOU. OPEN 24 HOURS 7 DAYS A WEEK

CVS/pharmacy

3300A CENT.LANE ELLICOTT CITY MD 21043
PHARMACY: 750-9439 STORE: 750-9385

REG#17 TRN#2268 CSHR#0000097 STR#2043

1 OFF DUDS TOWELETTE 12CT 8.50T SAVED .99
9.49 EACH 2 OR MORE @ 8.50 EACH
1 OFF DUDS TOWELETTE 12CT 8.50T SAVED .99
9.49 EACH 2 OR MORE @ 8.50 EACH

2 ITEMS

SUBTOTAL	17.00
MD 6.0% TAX	1.02
TOTAL	**18.02**
CHARGE	18.02
**********1253	CH

AMERICAN EXPRESS **********1253
APPROVED# 877596
REF# 172684
AID: A0000000025010801
TC: B12222D71DD505EC
TERMINAL# 68101811
NO SIGNATURE REQUIRED
CVM: 1E0300
TVR(95): 0000008000
TSI(9B): F800

CHANGE .00

2502 0436 0352 2681 70
RETURNS WITH RECEIPT THRU 04/04/2016

FEBRUARY 4, 2016 5:40 PM

GET YOUR CVS EXTRACARE CARD

THANK YOU OPEN 24 HOURS 7 DAYS A WEEK

Travel Document Systems TDS

Contact (b)(6)
Phone (b)(6)

Order Date • **01/21/2016**
TDS Order # **127216**

Sold To:
Metabaiota
425 California street
suite 200
San Francisco, CA 94104 US
2023208338

Ship To:
Metabiota Inc
(b)(6)
8757 Georgia ave
Suite 800
Silver Spring, MD 20910 US
2023208338

FOIA (b)(6)

	TDS Fee	Gov't Fee**	Item Total
	$70.00	$105.00	$175.00
	$70.00	$105.00	$175.00
Return Shipping **Client Pickup**			$0.00
		Subtotal	$350.00
		Shipping	$0.00
		Finance Fee	$12.25
		Total	$362.25
		Total Received	$362.25
		Balance Due	$0.00

Travel Document Systems TDS

Contact (b)(6)
Phone (b)(6)

Order Date • **01/21/2016**
TDS Order # **127216**

Sold To:
Metabaiota
425 California street
suite 200
San Francisco, CA 94104 US
2023208338

Ship To:
Metabiota Inc
(b)(6)
8757 Georgia ave
Suite 800
Silver Spring, MD 20910 US
2023208338

Service	TDS Fee	Gov't Fee**	Item Total
FOIA (b)(6)	$145.00	$145.00	$290.00
	$145.00	$145.00	$290.00
Return Shipping **Client Pickup**			$0.00

Subtotal $580.00
Shipping $0.00
Finance Fee $20.30
Total $600.30
Total Received $600.30
Balance Due $0.00

Billing $238.00

TD 015 Health Informatics Support Services – Vietnam - Invoiced to completion on Invoice #239

TD 016 Georgia GIS

Objectives

Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

(b)(6) led project activities for this effort, including communications with DTRA/A&AS to communicate project status. He also led coordination with the UF SME team to discuss project needs and upcoming travel. (b)(6) filed travel documentation for (b)(6) in collaboration with (b)(6) (b)(6) also worked with (b)(6) to educate the UF contracts office on reporting requirements for T&M and FFPLOE contracts. (b)(6) also participated in project calls for the CBR projects on this project.

Subject Matter Expert 1:

(b)(6) participated in project activities on this effort, including communications with DTRA/A&AS to communicate project status. She also coordinated with the UF team to discuss invoicing and travel logistics. (b)(6) also participated in project calls and observed the videoconferences with the GG-27 and AJ TAP-11 teams.

Subject Matter Expert 2:

Narrative covers the period from 1 October 2015 – 31 March 2016. (b)(6) served as the lead SME on the GIS team. He participated in all CBR project calls, and worked with the CBR project teams to identify GIS mentoring and research specific needs. (b)(6) also reviewed current geospatial modeling literature as background for preparing a plan for GG-27 data analysis and mentoring. He worked with (b)(6) and (b)(6) to establish a path forward for the GG-27/AJ TAP-11 project. He and (b)(6) conducted videoconferences with the GG-27 and AJ TAP-11 teams.

(b)(6) additionally traveled to Tbilisi Jan. 31-Feb. 6 in order to: participate in collaborator meetings on GG-10, GG-20, GG-27 (coordinated by CH2M Hill and Avila Scientific); to conduct a on-site visit at the Lugar Center GIS Center and mentor GG-19 personnel on project-related geospatial data; and to conduct a site visit at LMA's GIS Laboratory to provide mentorship on data entry and editing on GG-20 and GG-27. (b)(6) also worked with (b)(6) to file travel documentation for (b)(6) (b)(6) upcoming trip to Tbilisi.

Research and Data Analyst:

Narrative covers the period from 1 October 2015 – 31 March 2016. (b)(6) provided background information on AJ biosurveillance efforts to the team and worked with (b)(6) (b)(6) to establish a path forward for the GG-27/AJ TAP-11 project. (b)(6) Ludwig worked with the GIS teams for GG-19 on the analysis of data and provided guidance via remote communications. (b)(6) conducted videoconferences with the GG-27 and AJ TAP-11 teams. These videos are being placed online on the SEER Lab website. (b)(6) additionally traveled to Tbilisi Jan. 31-Feb. 6 in order to: participate in collaborator meetings on GG-10, GG-20, GG-27 (coordinated by CH2M Hill and Avila Scientific); to conduct a on-site visit at the Lugar

Center GIS Center and mentor GG-19 personnel on project-related geospatial data; and to conduct a site visit at LMA's GIS Laboratory to provide mentorship on data entry and editing on GG-20 and GG-27. Ms. Ludwig also worked to get up to speed on the GG-20 and GG-27 projects in advance of her April trip to Tbilisi.

CLIN 1003 – Materials and Supplies
No Material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs
DBA costs were incurred for FOIA (b)(6) to Tbilisi Georgia to provide GIS mentorship.

CLIN 1005 – Travel
Travel costs for the trip in January will be invoiced in April after the subcontractor invoice is correcte.

Metabiota						
TD 016 Georgia GIS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Project Name	Project Code				3.5% to
(b)(4); (b)(6)		(b)(4); (b)(6)			

(b)(4); (b)(6)

TD 017 Georgia SME Grantsmanship

Objectives

Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

(b)(6) led project activities for this effort. including communications with DTRA/A&AS to communicate project status. He also led coordination with the Avila team to discuss project needs and upcoming travel. (b)(6) filed travel documentation for the Avila team's upcoming trip in April (b)(6) participated in a teleconference with the interim director of the Laboratory of Ministry of Agriculture to seek their continued cooperation on this project and the potential identification of additional mentees.

Subject Matter Expert 1:

(b)(6) participated in project activities on this effort, including communications with DTRA/A&AS to communicate project status. She also coordinated with the Avila team to discuss project needs and upcoming travel (b)(6) drafted travel documentation for the Avila team's upcoming trip in Apri (b)(6) participated in a teleconference with the Avila team and LMA to seek their continued cooperation on the project.

Subject Matter Expert 2:

(b)(6) ed the Grantsmanship mentoring on this project, holding weekly teleconferences with the mentees at LMA. They worked with (b)(6) to file travel documentation for their upcoming trip to Tbilisi (b)(6) have begun working with the mentees to identify potential collaborators and prepare their draft white papers for submission to Horizon 2020 and ISTC for possible funding.

CLIN 1003 – Materials and Supplies

No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced during this period.

CLIN 1005 – Travel

No travel costs are being invoiced this period.

Metabiota						
TD 017 Georgia SME						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 018 Georgia Visiting Scientist Genomics

Objectives

Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

(b)(6) led project activities for this effort. including communications with DTRA/A&AS to communicate project status. He also led coordination with (b)(6) to discuss project implementation. He drafted and edited narrative for reporting purposes, and reviewed and approved subcontractor invoices and reports.

Visiting Scientist

(b)(6) provided mentorship on genomics for the Georgian scientists at NCDC and LMA who do work at the Lugar Center. Specifically (b)(6) continued working with (b)(6) and (b)(6) on their comparative genomics analyses of *F. tularensis* strains. He also mentored (b)(6) and (b)(6) in optimizing draft genome assembly strategies and performing annotations using the Georgian Samtredia *Shigella* strain (described in past reports as a *Shigella*-like bacteria isolated in Georgia). (b)(6) is assisting the Georgians in developing a white paper on this *Shigella* work to potentially be used in seeking additional funding. (b)(6) also continued working with (b)(6) on the assembly of the draft genome of the Georgian anthrax STI vaccine strain.

CLIN 1003 – Materials and Supplies

No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs

DBA allocation is applied to this contract for FOIA (b)(6) to continue work in country.

CLIN 1005 – Travel

No travel costs are being invoiced this period.

Metabiota						
TD 018 Georgia Genomics						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	3.5% to Apply to
TO 01 Cameroon PPE	01021.02.001.PPE.04				$ -
TO 01 Cameroon PPE Total					$ -
TO 02 KZ	01021.02.002.KZK.04				$ -
TO 02 KZ Total					$ -
TO 04 MESA	01021.02.004.MSA.04	(b)(4); (b)(6)			

(b)(4); (b)(6)

TD 019 Georgia Visiting Scientist Microbiology

Objectives
Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) led project activities for this effort, including communications with DTRA/A&AS to communicate project status. He also led coordination with (b)(6) to discuss project implementation, and provided guidance on what directions to gently steer the Georgians in with regards to future project implementation and seeking additional funding (b)(6) wrote a letter to the TAP-11 team indicating that Metabiota's position is that the project is IRB-exempt (b)(6) also participated in the CBR project calls for TAP-11.

Subject matter 1:
(b)(6) participated in project activities on this effort, including communications with DTRA/A&AS to communicate project status. She also coordinated with (b)(6) to discuss project implementation. (b)(6) also participated in drafting narrative for reporting purposes.

Visiting Scientist
(b)(6) provided mentoring to the Georgian scientists at NCDC and LMA. He also participated in regular project coordination calls with (b)(6) and drafted narrative and bullets for reporting purposes. He assisted the TAP-11 PI on navigating the IRB issues and facilitating communications between Fluidigm Labs (the provider of the kits) and NCDC (b)(6) also began working with a Lugar Center scientist (b)(6) on drafting a manuscript for research on pathogens in bats. He is providing guidance in conjunction with (b)(6) from CDC. Dr. Arner is also investigating reference manager solutions (EndNote, Zotero) for the Georgian scientists. He further provided guidance and inputs to microbiologists at Lugar Center on a poster submission for a conference to occur in Munich. (b)(6) also provided guidance and support in helping LMA evaluate which AIV probes to use. He worked with Lugar Center scientists on developing responses to reviewer comments on a *Yersinia* white paper proposal for the DTRA BAA. He has also been coordinating with both the Batumi Zonal Diagnostic Laboratory and Cambridge to discuss AIV diagnostic troubleshooting and at the end of the month identified a need for a trip to Batumi to do mentoring.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs
DBA allocation was applied to this project FOIA (b)(6) continue providing support in country.

CLIN 1005 – Travel
No travel costs are being invoiced this period.

Metabiota						
TD 019 Georgia Microbiology						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Project Name	Project Code				3.5% to
(b)(4); (b)(6)		(b)(4); (b)(6)			

(b)(4); (b)(6)

TD 020 Gabon Initial Engagement SME Support - Invoiced to Completion Invoice #729.

TD 021 Field Epidemiology Training - Iraq

Objectives
Conduct remote trainings on epidemiology and BS&S Biorisk management for one cohort of Iraqi scientists, and also engage them to familiarize them with the Iraq National Biological Emergency Response Plan and work on a gap analysis of said plan. Conduct remote trainings on epidemiology for a second cohort.

Period of Performance: 02/19/16 – 05/15/16

CLIN 1002 – Labor

Program Manager:
PMs (b)(6) have supported all project activities to date (b)(6) has worked closely with CBEP, in-country and WMRI SMEs to facilitate project kick-off, receipt of training materials, review of BS&S needs and establishment of project meetings and routine calls supporting this engagement. They conducted a meeting with Watermark Risk Management International to facilitate their engagement on the project providing BS&S SME support developing and adapting training materials. The MB PM team held an in-person meeting with FOIA (b)(6) on 29 March to discuss project details and LOE projections. In addition, both PMs have participated in interviews and hiring of Epi Trainers as SMEs for this project, and will continue to support these efforts until the project team is complete, and fully engaged. The PMs have reviewed sub-contracting requirements for engagement of WMRI, and initiated review of the received BS&S materials, in addition to overseeing the project team. The team conducted meetings with Iraq FETP POC, (b)(6) to collect existing epidemiology training materials. The team also received a list of topics (b)(6) believes should be included in the trainings, and we will initiate research into Tephinet, CDC, and WHO developed materials for inclusion / adaptation once the Epi Trainers are on board.

Subject Matter Expert 1:
SMEs (b)(6) have supported project activities in direct coordination with the PMs. They have participated in routine project calls, meetings, and assisted in the identification and engagement of the project team.

Specifically, (b)(6) has utilized her regional network to engage potential partners, SMEs, and FLNs for training activities. She has met with WMRI to review BS&S needs for the project and will work closely with them for the development and implementation of BS&S training components. She received existing and approved BS&S training materials from CBEP and began coordinating and performing review of the materials for use during the training. The team will meet to discuss material review and the way forward in early April.

(b)(6) has coordinated all project activities to include development of the project schedule and CDRL requirements, initiation and participation in interviews with candidates for Epi Training positions, coordination of conference calls, and meetings to support engagement with in-country POCs and determination of participants, training topics and available materials for approval and adaptation on the project. She coordinated submission of a mutual non-disclosure agreement to American Councils, in support of identifying FLN trainers for this event through their in-country network and past training engagements in the region. Should they be successful in identifying appropriate FLNs, we will request approval to contract with them for this project.

Subject Matter Expert 2:

WMRI [FOIA (b)(6)] participated in in person and teleconference meetings with DTRA, CBEP A&AS and Metabiota personnel. He worked to assist [(b)(6)] with development of information requirements and recommendations for project execution. He provided email and phone communications to support in engagement with in country SMEs.

CLIN 1003 – Materials and Supplies

No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced this period.

CLIN 1005 – Travel

No travel costs are being invoiced this period.

Metabiota						
TD 021 FETP Iraq						
CLIN 1002 LABOR-100205 ACRN AH						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 022 Biosurveillance Training - Uganda

Objectives
Advance the Biosafety and Biosecurity capacity in Uganda through the development, coordination and execution of a pilot biosurveillance study focused in Rift Valley Fever (RVF), Avian Influenza (AI), and Peste des Petuts Ruminants Virus (PPRV). Provide subject matter expertise to assist participants in development and submission of grant proposals, and development of Standard Operating Procedures to increase enhance local skills in early detection and prevalence determination of RVF AI and PPR.

Period of Performance: 3/21/16- 5/15/16

CLIN 1002 – Labor

Research and Data Analyst:
Metabiota Project Coordinato(b)(6) provided operational writing and editing support to the development of this technical proposal at the direction of AEP leadership.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced this period

CLIN 1005 – Travel
No travel costs are being invoiced this period.

Metabiota			
TD 022 Uganda BSV			
CLIN 1002 LABOR			
	CURRENT	CURRENT	CUMULATIVE	CUMULATIVE
(b)(4); (b)(6)				
(b)(4); (b)(6)				

TD 023 One Health Epidemiology Short Course – South Africa

Objectives

Increase the operational biosafety and bio-surveillance capacity through the development of a One Health Epidemiology short course tailored to the needs of South Africa. Increase the sustainability of the course work through development of a train the trainer module to be delivered to select South African trainers of the short course.

Period of Performance:

CLIN 1002 – Labor

Program Manager:

Metabiota Africa Regional Program Manager (b)(6) provided oversight and contributed significantly to the development of submission of the technical proposal. operational outlines for the development of this technical proposal. He convened internal meetings and worked with AEP leadership towards proposal development.

Subject Matter Expert 1:

Metabiota Project Coordinator (b)(6) provided operational writing and editing support to the development of this technical proposal at the direction of the PM and with support from AEP leadership.

CLIN 1003 – Materials and Supplies

No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced this period

CLIN 1005 – Travel

No travel costs are being invoiced this period.

Metabiota			
TD 023 One Health Epi South Africa Short course			
CLIN 1002 LABOR			
	CURRENT	CURRENT	CUMULATIVE	CUMULATIVE
(b)(4); (b)(6)				

Program Management Review Travel Costs

Objectives
Travel San Francisco to present the Annual Program Management Review(PMR) for AEP

Period of Performance: 02/17/16 – 02/19/16

CLIN 1005 – Travel
Travel costs invoiced this period include airfare and lodging for (b)(6) (b)(6) as well as lodging for (b)(6) to attend the Annual PMR in February as well as Per Diem costs for (b)(6) Additionally costs for ground transport for the team to travel to and from the meeting and to and from the airport.

Metabiota		
AEP PMR Travel		
CLIN 1005 TRAVEL		
	CURRENT	CUMULATIVE
(b)(4); (b)(6)		

THANKS

www.sfmta.com

--ORIGINAL--

Royal Taxi

MED# 0019

DRVR# 5266723

CUSTOMER COPY

02/16/16 TR 656

START END MILES

10:36 11:02 13.8

Regular Fare

RATE 1:$ 45.30 > 49.30

EXTRA: $ 4.00

SURCH: $ 0.00

TIP: $ 7.50

TOTAL: $ 56.80

CARD TYPE: AMEX

XXXXXXXXXX1253

AUTH:592475

THANKS

www.sfmta.com

Hotel Diva
440 Geary Boulevard
San Francisco, CA 94102
Phone : +1 844.592.4559
Fax :
Email : reservations@hoteldiva.com
Website : www.hoteldiva.com

D I V A

Guest Statement

Reservation # : 5949835
Folio Name : Metabiota (131)

Guest Name : (b)(6)
Company : Metabiota
Address :

Property : Hotel Diva
Room : Salon Junior Suite King : 719

Arrival : Tue Feb 16, 2016 -2 Night(s)
Departure : Thu Feb 18, 2016
Guests : 1 Adults / 0 Children

Phone : +1 301-219-5496
Alt :
Fax
Email : (b)(6)

Invoice

Date	Category	Description	Room	Tax	Amount
2/16/16	Room Charge	Room Charge	Salon Junior Suite King : 719	$ 50.81	$ 309.00
2/16/16	Amex	Nam (b)(6) Account #: (b)(4); (b)(6) Exp. Date: 04/19	Salon Junior Suite King : 719	$ 0.00	$ 719.62
2/17/16	Room Charge	Room Charge	Salon Junior Suite King : 719	$ 50.81	$ 309.00

Room Charges	: $	618.00
Incidentals	: $	0.00
Taxes & Service Charges	: $	101.62
Total	**: $**	**719.62**
Payments	: $	719.62
Balance	**: $**	**0.00**

Payment Authorization

I agree to pay indicated total amount below according to card issuer agreement.

Amount : $ 719.62
Payer : valentyna Abdullin
Account # : (b)(4); (b)(6) Amex
Exp Date : 04/19

Signature : _____
Date : _____

Booked on : Tue Jan 05, 2016 04:28PM By : taung
Printed on : Tue Feb 23, 2016 01:25PM

Inn Center Powered By

800-468-6294
BWI Daily Garage
SP Plus Parking
Transaction-Id: H0541
60002573
Ticket-Nr.: 42010723
6
Ex: 02/19/16 09:36
Total: $ 48.00
Validations: $ 0.00

AMEX
XXXXXXXXXXX1253
$48.00
552718

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE
Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YCLXK9
Invoice No.:	74392	**Agent:**	(b)(6)
Issue Date:	Wednesday, January 20, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	(b)(6)

• If you would like to view your reservation online with Check My Trip. Click Here

AIR - Tuesday February 16 2016

United Airlines Flight UA1662 Economy Class

Check In Confirmation:
PLYECV *(*24 Hours Prior)*

Depart:	8:30 AM, Tuesday, February 16 Ronald Reagan National Arpt. Terminal B Washington, District of Columbia, USA	**Arrive:**	11:51 AM, Tuesday, February 16 San Francisco Intl. Arpt. Terminal 3 San Francisco, California, USA
Status:	Confirmed		
Booking Code:	T (Economy		
Equipment:	Boeing 737-800	**Stops:**	Non-stop
Duration:	6 hours 21 minutes	**Seat:**	34D (Non smoking) Confirmed
Meal:	Food For Purchase		

Weather | Flight Status *(*up to 3 days prior)* | Dining Reservations

AIR - Thursday February 18 2016

United Airlines Flight UA2046 Economy Class

Check In Confirmation:
PLYECV *(*24 Hours Prior)*

Depart:	2:33 PM, Thursday, February 18 San Francisco Intl. Arpt Terminal 3 San Francisco, California, USA	**Arrive:**	10:38 PM, Thursday, February 18 Ronald Reagan National Arpt. Terminal B Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Boeing 737-800	**Stops:**	Non-stop
Duration:	5 hours 5 minutes	**Seat:**	36D (Non smoking) Confirmed
Meal:	Food For Purchase		

Weather | Flight Status *(*up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document	Base	Tax	Total
United Airlines / 016 7796738005	388.84	57.36	446.20

Form of Payment: AX (b)(4); (b)(6)

Processing Fee / 890 0659668236		43.00		43.00
	Form of Payment AX	(b)(4); (b)(6)		
	Totals:	431.84	57.36	USD 489.20

Total Charged to Credit Card: USD 489.20
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• YOUR RESERVATION NUMBER WITH UNITED AIRLINES IS PLYECV. UNITED AIRLINES CONTACT PHONE NUMBER IS 1-800-538-2929. FARE $446.20 BAGGAGE CHARGES MAY APPLY. FOR MORE INFO..PLEASE VISIT
• UNITED AIRLINES-WWW.UNITED.COM BAGGAGE ALLOWANCE-SPECIFIC SIZE/WEIGHT RESTRICTIONS VARY BETWEEN AIRLINES. EXCESS CHARGES MAY APPLY IF EXCEEDED.

• Please check in 2 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time is 60 minutes prior to departure.

• Government-Issued picture ID is required or 2 pieces gov non picture ID showing name/date of birth/gender

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• This is an electronic ticket valid only on issuing airline.

• Photo ID and Etkt itinerary required for check in. Boarding passes required prior to entering security.

• Freq. Flyer nbr for United Airlines not provided please provide at check in.

• View your itinerary at www.checkmytrip.Com use your last name and trip locator YCLXK9

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service.

Invoice No: 74392

access more

Federal law forbids the carriage of certain hazardous materials such as aerosols fireworks, and flammable liquids aboard the aircraft If you do not understand these restrictions contact your airline or go to http //www.faa.gov/about/initiatives/hazmat_safety/

Sent To
FOIA (b)(6)
invoices@uniglobekentlands.com
(b)(6)

Hotel Diva
440 Geary Boulevard
San Francisco, CA 94102
Phone : +1 844.592.4559
Fax :
Email : reservations@hoteldiva.com
Website : www.hoteldiva.com

DIVA

Guest Statement

Reservation # : 5949837
Folio Name : Metabiota (131)

Guest Name (b)(6)
Company : Metabiota
Address :

Property : Hotel Diva
Room : Junior Suite King : 519

Arrival : Tue Feb 16, 2016 -2 Night(s)
Departure : Thu Feb 18, 2016
Guests : 1 Adults / 0 Children

Phone FOIA (b)(6)
Alt :
Fax :
Email (b)(6)

Invoice

Date	Category	Description	Room	Tax	Amount
2/16/16	Room Charge	Room Charge	Junior Suite King : 519	$ 50.81	$ 309.00
2/17/16	Room Charge	Room Charge	Junior Suite King : 519	$ 50.81	$ 309.00
2/18/16	Amex	FOIA (b)(6) a Account # : (b)(4); (b)(6) Exp. Date: 04/19	Junior Suite King : 519	$ 0.00	$ 719.62

Room Charges	: $	618.00
Incidentals	: $	0.00
Taxes & Service Charges	: $	101.62
Total	**: $**	**719.62**
Payments	: $	719.62
Balance	**: $**	**0.00**

Payment Authorization

I agree to pay indicated total amount below according to card issuer agreement.

Amount : $ 719.62
Payer (b)(6)
Account # : (b)(4); (b)(6) Amex
Exp Date : 04/19

Signature : _____
Date : _____

Printable Version

ETICKET RECEIPT IS ATTACHED
******* PLEASE REVIEW YOUR ITINERARY CAREFULLY*******
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE
Kentlands Travel
UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	ZHGE2R
Invoice No.:	75197	**Agent:**	(b)(6)
Issue Date:	Friday, February 12, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	(b)(6)

• If you would like to view your reservation online with Check My Trip, Click Here

AIR - Tuesday February 16 2016

United Airlines Flight UA5809 Economy Class
Operated By Subsidiary/Franchise
Check In With SKYWEST DBA UNITED EXPRESS

Check In Confirmation: GD6HEH

Depart:	8:57 AM, Tuesday, February 16 John Wayne Airport Santa Ana, California, USA	**Arrive:**	10:30 AM, Tuesday, February 16 San Francisco Intl. Arpt. Terminal 3 San Francisco, California, USA
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	E7W	**Stops:**	Non-stop
Duration:	1 hours 33 minutes	**Seat:**	22D (Non smoking) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	None

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

AIR - Thursday February 18 2016

United Airlines Flight UA5965 Economy Class
Operated By Subsidiary/Franchise
Check In With SKYWEST DBA UNITED EXPRESS

Check In Confirmation: GD6HEH

Depart:	10:40 AM, Thursday, February 18 San Francisco Intl Arpt Terminal 3 San Francisco, California, USA	**Arrive:**	12:17 PM, Thursday, February 18 John Wayne Airport Santa Ana, California, USA
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	E7W	**Stops:**	Non-stop
Duration:	1 hours 37 minutes	**Seat:**	Assigned at Check In
FF Number:	(b)(4); (b)(6)	**Meal:**	None

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document	Base	Tax	Total

United Airlines / 016 7800816198		398.14	58.06	456.20
		Form of Payment: AX XXXXXXXXXXXX1055		
Processing Fee / 890 0659820678		43.00		43.00
		Form of Payment: AX XXXXXXXXXXXX1055		
	Totals:	441.14	58.06	USD 499.20

Total Charged to Credit Card: USD 499.20
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with United Airlines is GD6HEH. United Airlines contact phone number is 1-800-538-2929.

• Fare $407.20

• Baggage charges may apply. For more info..Please visit the airlines website to see the exact charges. Baggage allowance-Specific size/weight restrictions vary between airlines. Excess charges may apply if exceeded.

• Please check in 2 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time is 60 minutes prior to departure.

• Government-Issued picture ID is required or 2 pieces gov non picture ID showing name/date of birth/gender

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized. clear plastic zip-top bag. Visit www.tsa.gov

• United Airlines freq. flyer nbr wkw91787 appended

• This is an electronic ticket valid only on issuing airline.

• Photo ID and Etkt itinerary required for check in. Boarding passes required prior to entering security.

• View your itinerary at www.checkmytrip.Com use your last name and trip locator ZHGE2R

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: It is not possible to make new reservations with the after hours service.

Invoice No: 75197

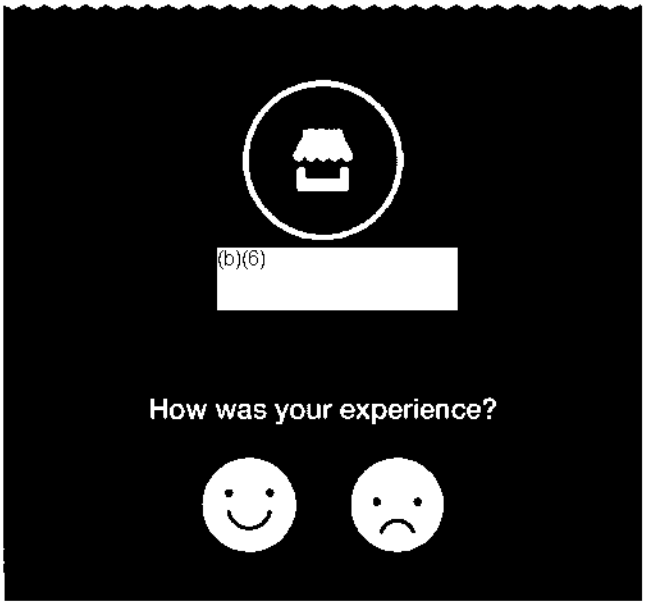
access more

Federal law forbids the carriage of certain hazardous materials. such as aerosols, fireworks. and flammable liquids aboard the aircraft. If you do not understand these restrictions contact your airline or go to http://www.faa.gov/about/initiatives/hazmat_safety/

Sent To FOIA (b)(6) tabiota@uniglobekentlands.com invoices@uniglobekentlands.com

Subject: Receipt from (b)(6)
Date: Tuesday, February 16, 2016 at 12:12:46 PM Pacific Standard Time
From: (b)(6) via Square
To: (b)(6)

Reply to this email to leave feedback for Tin Nyunt



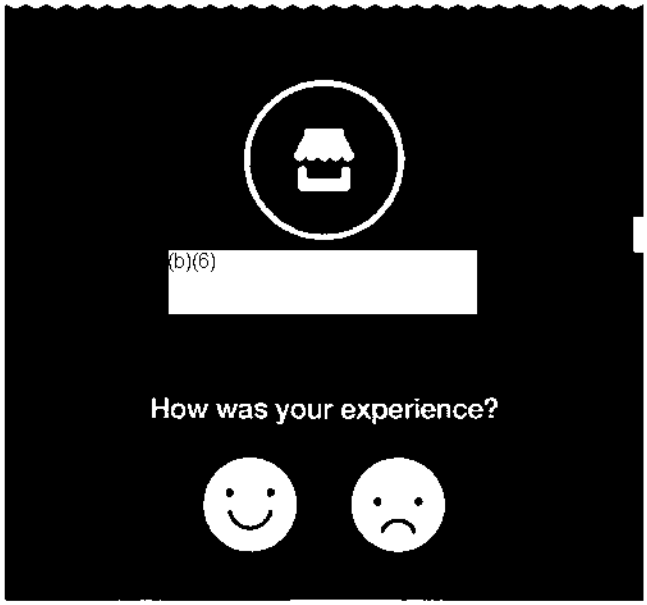
$56.70

Custom Amount	$49.30
Subtotal	$49.30
Tip	$7.40
Total	$56.70

FOIA (b)(6)

Subject: Receipt from (b)(6)
Date: Thursday, February 18, 2016 at 9:46:34 AM Pacific Standard Time
From: (b)(6) via Square
To: (b)(6)

Reply to this email to leave feedback for Hafez Homran



$60.00

Custom Amount	$50.00
Subtotal	$50.00
Tip	$10.00
Total	$60.00

FOIA (b)(6)

Hotel Diva
440 Geary Boulevard
San Francisco, CA 94102
Phone : +1 844.592.4559
Fax :
Email : reservations@hoteldiva.com
Website : www.hoteldiva.com

DIVA

Guest Statement

Reservation # : 5949847
Folio Name : Metabiota (131)

Guest Name : (b)(6)
Company : Metabiota
Address :

Property : Hotel Diva
Room : Executive King : 622

Arrival : Tue Feb 16, 2016 -2 Night(s)
Departure : Thu Feb 18, 2016
Guests : 1 Adults / 0 Children

Phone : +1 301-219-5496
Alt :
Fax :
Email : (b)(6)

Invoice

Date	Category	Description	Room	Tax	Amount
2/16/16	Room Charge	Room Charge	Executive King : 622	$ 50.81	$ 309.00
2/16/16	Amex	Name: (b)(6) Account #: (b)(4); (b)(6) Exp. Date: 04/19	Executive King : 622	$ 0.00	$ 719.62
2/17/16	Room Charge	Room Charge	Executive King : 622	$ 50.81	$ 309.00

Room Charges	: $	618.00
Incidentals	: $	0.00
Taxes & Service Charges	: $	101.62
Total	**: $**	**719.62**
Payments	: $	719.62
Balance	**: $**	**0.00**

Payment Authorization

I agree to pay indicated total amount below according to card issuer agreement.

Amount : $ 719.62
Payer : (b)(6)
Account # : (b)(4); (b)(6) Amex
Exp Date : 04/19

Signature : _____
Date : _____

John yne Airport
18601 Airport Way
, CA 92707, Santa Ana

B2L1X02 02/18/16 13:07
Receipt 009438

Short-Term Parking
American Express
Structure B2
02/16/16 08:03
02/18/16 13:07
Period 2d5h5'

(.)	$52.00
Sub Total	$52.00
.	$0.00
Total	$52.00
Payment Received	
AMEX	$52.00

(b)(4); (b)(6)

Merch:1047471198
Auth:535572
Type: Swiped

Operated by Amo USD.

PARKING CONCEPTS INC.

6088F503 - 1/1

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone. (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YCMSAN
Invoice No.:	74408	**Agent:**	(b)(6)
Issue Date:	Wednesday, January 20, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

• If you would like to view your reservation online with Check My Trip: Click Here

AIR - Tuesday February 16 2016

United Airlines Flight UA1662 Economy Class

Check In Confirmation: PQLMLK *(*24 Hours Prior)*

Depart:	8:30 AM, Tuesday, February 16 Ronald Reagan National Arpt. Terminal B Washington, District of Columbia, USA	**Arrive:**	11:51 AM, Tuesday, February 16 San Francisco Intl. Arpt. Terminal 3 San Francisco, California, USA
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Boeing 737-800	**Stops:**	Non-stop
Duration:	6 hours 21 minutes	**Seat:**	35C (Non smoking) Confirmed
Meal:	Food For Purchase		

Weather · Flight Status *(*up to 3 days prior)* · Dining Reservations

AIR - Thursday February 18 2016

United Airlines Flight UA2046 Economy Class

Check In Confirmation: PQLMLK *(*24 Hours Prior)*

Depart:	2:33 PM, Thursday, February 18 San Francisco Intl. Arpt. Terminal 3 San Francisco, California, USA	**Arrive:**	10:38 PM, Thursday, February 18 Ronald Reagan National Arpt. Terminal B Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Boeing 737-800	**Stops:**	Non-stop
Duration:	5 hours 5 minutes	**Seat:**	25D (Non smoking) Confirmed
Meal:	Food For Purchase		

Weather · Flight Status *(*up to 3 days prior)* · Dining Reservations

Invoice Details

Transaction / Document	Base	Tax	Total
United Airlines / 016 7796738023	388.84	57.36	446.20

Form of Payment: AX (b)(4); (b)(6)

Processing Fee / 890 0659668251		43.00		43.00
	Form of Payment: AX(b)(4); (b)(6)			
	Totals:	431.84	57.36	USD 489.20

Total Charged to Credit Card: USD 489.20
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• YOUR RESERVATION NUMBER WITH UNITED AIRLINES IS PQLMLK. UNITED AIRLINES CONTACT PHONE NUMBER IS 1-800-538-2929. FARE $446.20 BAGGAGE CHARGES MAY APPLY. FOR MORE INFO..PLEASE VISIT
• UNITED AIRLINES-WWW.UNITED.COM BAGGAGE ALLOWANCE-SPECIFIC SIZE/WEIGHT RESTRICTIONS VARY BETWEEN AIRLINES. EXCESS CHARGES MAY APPLY IF EXCEEDED.

• Please check in 2 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time is 60 minutes prior to departure.

• Government-Issued picture ID is required or 2 pieces gov non picture ID showing name/date of birth/gender.

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• This is an electronic ticket valid only on issuing airline.

• Photo ID and Etkt itinerary required for check in. Boarding passes required prior to entering security.

• Freq. Flyer nbr for United Airlines not provided please provide at check in.

• View your itinerary at www.checkmytrip.Com use your last name and trip locator YCMSAN

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service.

Invoice No: 74408

access more

Federal law forbids the carriage of certain hazardous materials such as aerosols, fireworks, and flammable liquids aboard the aircraft. If you do not understand these restrictions, contact your airline or go to http://www.faa.gov/about/initiatives/hazmat_safety/

Sent To invoices@uniglobekentlands.com FOIA (b)(6) metabiota@uniglobekentlands.com

Print Close

From: **Uber Receipts** (receipts.washington.DC@uber.com)
Sent: Tue 2/16/16 5:33 AM
To: (b)(6)

FEBRUARY 16, 2016

$30.33

Thanks for choosing Uber, FOIA (b)(6)

FARE BREAKDOWN

Base Fare	1.15
Distance	10.09
Time	4.21
Normal Fare	**$15.45**
Surge x1.6	9.27
Subtotal	**$24.72**
Safe Rides Fee (?)	**1.35**
DC Taxicab Commission Fee (?)	**0.26**
DCA Airport Surcharge (?)	**4.00**

06:08am
707 Varnum St NW Washington, DC

06:33am
2401 S Smith Blvd. Arlington, VA

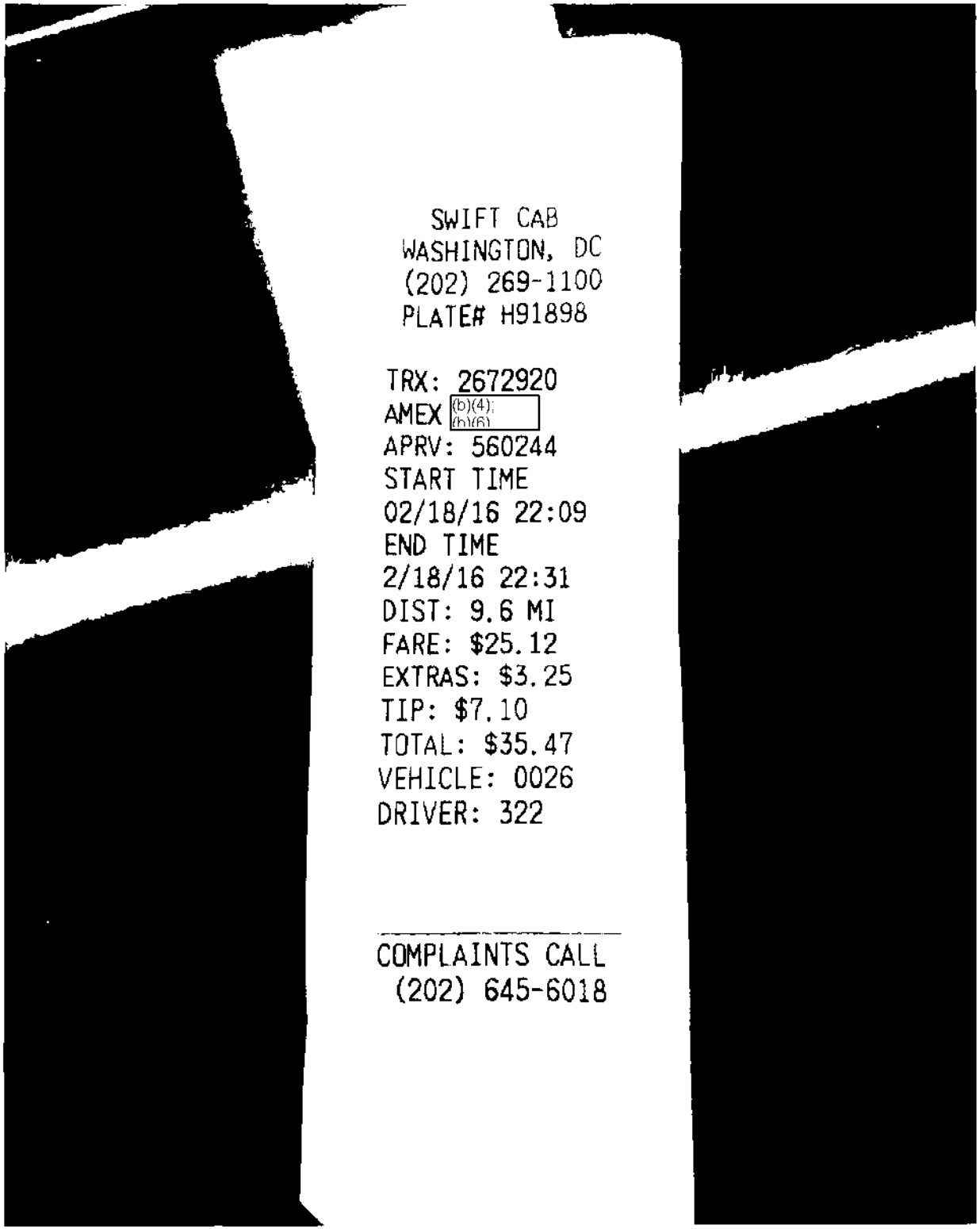
CHARGED
Personal (b)(4); (b)(6) **$30.33**

uberX	9.89	00:24:47

(b)(6)

You rode with (b)(6)

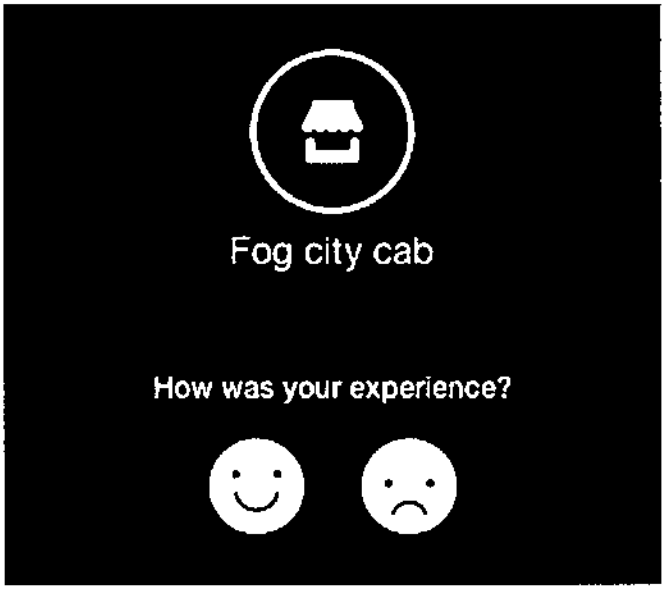
Is



SWIFT CAB
WASHINGTON, DC
(202) 269-1100
PLATE# H91898

TRX: 2672920
AMEX (b)(4); (b)(6)
APRV: 560244
START TIME
02/18/16 22:09
END TIME
2/18/16 22:31
DIST: 9.6 MI
FARE: $25.12
EXTRAS: $3.25
TIP: $7.10
TOTAL: $35.47
VEHICLE: 0026
DRIVER: 322

COMPLAINTS CALL
(202) 645-6018



$58.50

Custom Amount	$48.75
Subtotal	$48.75
Tip	$9.75
Total	$58.50

FOIA (b)(6)

Fog city cab

FOIA (b)(6)



$55.68

Custom Amount	$46.40
Subtotal	$46.40
Tip	$9.28
Total	$55.68

FOIA (b)(6)

(b)(6)

(b)(4);

FOIA (b)(6)

Hotel Diva
440 Geary Boulevard
San Francisco, CA 94102
Phone : +1 844.592.4559
Fax :
Email : reservations@hoteldiva.com
Website : www.hoteldiva.com

DIVA

Guest Statement

Reservation # : 5949843
Folio Name : Metabiota (131)

Guest Name (b)(6)
Company
Address

Property : Hotel Diva
Room : Junior Suite King : 416

Arrival : Tue Feb 16, 2016 -2 Night(s)
Departure : Thu Feb 18, 2016
Guests : 1 Adults / 0 Children

Phone : +1 301-219-5496
Alt :
Fax :
Email (b)(6)

Invoice

Date	Category	Description	Room		Tax		Amount
2/16/16	Room Charge	Room Charge	Junior Suite King : 416	$	50.81	$	309.00
2/16/16	Amex	Name: (b)(6) Account # : (b)(4); (b)(6) Exp. Date: 04/19	Junior Suite King : 416	$	0.00	$	719.62
2/17/16	Room Charge	Room Charge	Junior Suite King : 416	$	50.81	$	309.00

Room Charges	: $	618.00
Incidentals	: $	0.00
Taxes & Service Charges	: $	101.62
Total	**: $**	**719.62**
Payments	: $	719.62
Balance	**: $**	**0.00**

Payment Authorization

I agree to pay indicated total amount below according to card issuer agreement.

Amount : $ 719.62
Payer : (b)(6)
Account # : (b)(4); (b)(6) Amex
Exp Date : 04/19

Signature : _____
Date : _____

Hotel Diva
440 Geary Boulevard
San Francisco, CA 94102
Phone : +1 844.592.4559
Fax :
Email : reservations@hoteldiva.com
Website : www.hoteldiva.com

DIVA

Guest Statement

Reservation # : 5949830
Folio Name : Metabiota (131)

Guest Name (b)(6)
Company : Metabiota
Address :

Property : Hotel Diva
Room : Junior Suite King : 316

Arrival : Tue Feb 16, 2016 -2 Night(s)
Departure : Thu Feb 18, 2016
Guests : 1 Adults / 0 Children

Phone : +1 301-219-5496
Alt :
Fax
Email (b)(6)

Invoice

Date	Category	Description	Room	Tax	Amount
2/16/16	Room Charge	Room Charge	Junior Suite King : 316	$ 50.81	$ 309.00
2/16/16	Amex	Name (b)(6) Account #: (b)(4); (b)(6) Exp. Date: 04/19	Junior Suite King : 316	$ 0.00	$ 719.62
2/17/16	Room Charge	Room Charge	Junior Suite King : 316	$ 50.81	$ 309.00

Room Charges	: $	618.00
Incidentals	: $	0.00
Taxes & Service Charges	: $	101.62
Total	**: $**	**719.62**
Payments	: $	719.62
Balance	**: $**	**0.00**

Payment Authorization

I agree to pay indicated total amount below according to card issuer agreement.

Amount : $ 719.62
Payer (b)(6)
Account # : (b)(4); (b)(6) Amex
Exp Date : 04/19

Signature : _____
Date : _____

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Invoice and Narrative 08/01/16-08/31/16

Prepared for:

Prepared by:

METABIOTA

10/06/16

Invoice Summary

Invoice August 2016

Remit To:
Metabiota, Inc.
425 California St. 2nd Floor
San Francisco
CA
94104

Bill To:
Defense Threat Reduction Agency
8725 John J. Kingman Rd.
Ft. Belvoir
VA
22060-6201

CLIN	CURRENT INVOICE	CUMULATIVE INVOICED
CLIN 1001	$ 111,635.33	$2,328,969.90
CLIN 1002	$ 341,839.75	$5,183,599.63
CLIN 1003	$ 34,945.63	$436,544.30
CLIN 1004	$ 3,198.44	$23,647.21
CLIN 1005	$ 30,314.46	$285,965.44
TOTAL	**$ 521,933.61**	**$8,258,726.48**

Active Projects

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing - Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 11/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) held calls and email communications with DTRA/A&AS to discuss ongoing logistical issues surrounding the execution of the training event that took place 9-11 August. (b)(6) also held calls and email communications with the Metabiota training team for this effort (home locations in DC, Yaoundé, and France). (b)(6) also participated in communications with CLS regarding both PPE delivery and event logistics.

Trainer 1:
(b)(6) participated in calls and email communications with DTRA/A&AS to discuss ongoing logistical issues surrounding the execution of the training event. (b)(6) also participated in communications with the Metabiota training team for this effort. (b)(6) worked with our travel coordinator to arrange for travel logistics for our training team. (b)(6) additionally traveled to Yaoundé, Cameroon 5-13 August to conduct the training, in the role of both lead coordinator and SME trainer.

(b)(6) participated in calls and email communications with the (b)(6) to prepare for the PPE/VHF training. (b)(6) additionally assisted DTRA CBEP with pre-training equipment delivery coordination as well as pre-training communication and coordination with MinDef leadership.

Research and Data Analyst:
(b)(6) (b)(6) provided support for the in country training event including printing of materials. (b)(6) also provided administrative support to Trainers (b)(6) and (b)(6) throughout the training.

Scientific Mentor:
(b)(6) participated in calls and email communications with the Metabiota training team. (b)(6) provided subject matter expertise throughout the lecture and hands-on PPE activities throughout the training event as well as translation and interpretation support.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
DBA was applied for the performers at a FOIA (b)(6) of total compensation.

CLIN 1005 – Travel
Travel costs were incurred for trainers (b)(6) Mentor (b)(6) (b)(6) to execute the training event including lodging, per diem and ground transportation as well as visa fees. Also invoiced are the foreign transaction fees for purchases completed in country by (b)(6) (b)(6)

Metabiota

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

CLIN 1004 ODC

Transaction Description		CURRENT INVOICE	CUMULATIVE INVOICED
DBA	FOIA (b)(6)	$31.95	$31.95
		$9.77	$9.77
Total CLIN 1004		$41.72	$41.72
CLIN 1005 TRAVEL			
Transaction Description		**CURRENT INVOICE**	**CUMULATIVE INVOICED**
Airfaire		$4,813.31	
Lodging		$3,534.16	
Ground Transport		$658.76	
Passport Photos		$15.22	
Visa Fees		$554.76	
Rush Visa		$155.25	
(b)(6)	ansaction fees	$76.98	
	transaction fees	$56.04	
Per Diem		$1,896.25	
Total CLIN 1005		**$11,760.73**	**$17,923.29**
TOTAL INVOICE		**$37,054.56**	**$128,711.98**

Completed by Program Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	3.5% to Apply to program
TD 01 Cameroon PPE	01021.02.001.PPE.04		EMP	17.00	$ 24.74
TD 01 Cameroon PPE	01021.02.001.PPE.04		EMP	0.00	$
TD 01 Cameroon PPE	01021.02.001.PPE.04		EMP	2.00	$ 7.21
TD 01 Cameroon PPE	01021.02.001.PPE.04		EMP	0.00	$
TD 01 Cameroon PPE	01021.02.001.PPE.04		IC	0.00	$
TD 01 Cameroon PPE Total					$ 31.95
TD 09 NHLS	01021.02.009.NHL.04		Sub	20.00	$ 45.50
TD 09 NHLS	01021.02.009.NHL.04		Sub	5.00	$ 11.38
TD 09 NHLS	01021.02.009.NHL.04		Sub	5.00	$ 7.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	25.00	$ 52.50
TD 09 NHLS Total					$ 116.38
TD 13 OHE	01021.02.013.OHE.04		EMP	47.00	$ 75.98
TD 13 OHE	01021.02.013.OHE.04		EMP	40.50	$ 38.43
TD 13 OHE	01021.02.013.OHE.04		EMP	47.00	$ 169.44
TD 13 OHE	01021.02.013.OHE.04		IC	60.00	$ 5.78
TD 13 OHE Total					$ 289.62
TD 18 Georgia Genomics	01021.02.018.GGM.04		Sub	112.00	$ 431.20
TD 18 Georgia Genomics Total					$ 431.20
TD 19 Georgia Micro	01021.02.019.GMC.04		EMP	94.50	$ 198.78
TD 19 Georgia Micro Total					$ 198.78
TD 21 Iraq FETP	01021.02.021.IFE.04		IC	70.00	$ 122.50
TD 21 Iraq FETP	01021.02.021.IFE.04		SUB	40.00	$ 86.45
TD 21 Iraq FETP	01021.02.021.IFE.04		SUB	40.00	$ 72.04
TD 21 Iraq FETP	01021.02.021.IFE.04		SUB	40.00	$ 72.04
TD 21 Iraq FETP	01021.02.021.IFE.04		SUB	20.00	$ 32.25
TD 21 Iraq FETP	01021.02.021.IFE.04		IC	40.00	$ 105.00
TD 21 Iraq FETP Total					$ 490.29
TD22 Uganda BSV	01021.02.022.BSV.04		Sub	112.50	$ 472.50
TD22 Uganda BSV	01021.02.022.BSV.04		Sub	112.50	$ 295.31
TD22 Uganda BSV Total					$ 767.81
TD 023 OHE South Africa	01021.02.023.OSA.04	(b)(6)	Sub	25.00	$ 123.38
TD 023 OHE South Africa Total					$ 123.38
Grand Total					$ 2,449.40

METABIOTA

Lost or Missing Receipt Form

Vendor: Air France

Description of Expense:
Baggage overage: to accommodate materials and equipment in luggage for TD001

Date:
08/05/2016

Amount:
$100.00 USD

100
+ 43
+2,300.42
+1428.69
+ 598.20
+ 43
$4,184.31

Project:
TD-001 Cameroon VHF PPE

Reason for Missing Receipt:
Air France did not provide a printed receipt and failed to email it

Signature of Program Manager: (b)(6)

Date: 8/18/2016

Printed Name: (b)(6)

Signature of Employee: (b)(6)

Date: 08/18/2016

Printed Name: FOIA (b)(6)

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY
OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg MD 20878
Phone (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	ZIY483
Invoice No.:	79826	**Agent:**	(b)(6)
Issue Date:	Tuesday, July 26, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

- If you would like to view your reservation online with Check My Trip Click Here
- For Aircraft Disinsection Requirements Click Here

AIR - Saturday August 6 2016

AIR FRANCE Air France Flight AF7689 Economy Class

Check In Confirmation: ZIY483 *(*30 Hours Prior)*

Depart:	10 50 AM, Saturday, August 6 Mediterranee Airport Montpellier, France	**Arrive:**	12 20 PM Saturday August 6 Charles De Gaulle Arpt Terminal 2F Paris, France
Status:	Confirmed		
Booking Code:	K [illegible]		
Equipment:	Airbus Industrie A320	**Stops:**	Non-stop
Duration:	1 hours 30 minutes	**Seat:**	Assigned at Check In
Meal:	None		

Weather | Flight Status *(*up to 3 days prior)* | Dining Reservations

AIR - Saturday August 6 2016

AIR FRANCE Air France Flight AF900 Economy Class

Check In Confirmation: ZIY483 *(*30 Hours Prior)*

Depart:	2 15 PM Saturday August 6 Charles De Gaulle Arpt. Terminal 2E Paris, France	**Arrive:**	7 40 PM Saturday, August 6 Nsimalen Intl Airport Yaounde, Cameroon
Status:	Confirmed		
Booking Code:	K (Economy)		
Equipment:	Boeing 777-300ER	**Stops:**	Non-stop
Duration:	6 hours 25 minutes	**Seat:**	34E (Non smoking, Aisle) Confirmed
Meal:	Meal, Snack or Brunch		

Weather | Flight Status *(*up to 3 days prior)*

AIR - Friday August 12 2016

AIR FRANCE Air France Flight AF775 Economy Class

Check In Confirmation: ZIY483 *(*30 Hours Prior)*

Depart:	10 25 PM Friday August 12	**Arrive:**	6 00 AM Saturday, August 13

	Nsimalen Intl Airport Yaounde Cameroon		Charles De Gaulle Arpt Terminal 2E Paris, France
Status:	Confirmed		
Booking Code:	M (Economy)		
Equipment:	Boeing 777-200/ 200ER	**Stops:**	Non-stop
Duration:	6 hours 35 minutes	**Seat:**	Assigned at Check In
Meal:	Meal Snack or Brunch		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

AIR - Saturday August 13 2016

AIR FRANCE Air France Flight AF7588 Economy Class

Check In Confirmation: ZIY483 *(30 Hours Prior)*

Depart:	8:45 AM, Saturday, August 13 Charles De Gaulle Arpt. Terminal 2F Paris, France	**Arrive:**	10 05 AM, Saturday, August 13 Mediterranee Airport Montpellier, France
Status:	Confirmed		
Booking Code:	Y (Economy)		
Equipment:	Airbus Industrie A318	**Stops:**	Non-stop
Duration:	1 hours 20 minutes	**Seat:**	Assigned at Check In
Meal:	None		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Air France / 057 7895591440		1896.00	404 42	2300.42
	Form of Payment: AX XXXXXXXXXXXX1485			
Processing Fee / 890 0686292025		43.00		43 00
	Form of Payment: AX XXXXXXXXXXXX1485			
	Totals:	1939.00	404 42	USD 2343 42

Total Charged to Credit Card: USD 2343 42

Balance Due: USD 0 00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage charges may apply Baggage allowance, specific size and weight restrictions vary between airlines Please visit the airline's website or contact the airline directly for details

- Air France or call 1-800-237-2747

Important Information

Printable Version

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******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS
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OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	ZIY29G
Invoice No.:	79832-79835	**Agent:**	(b)(6)
Issue Date:	Tuesday July 26, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	FOIA (b)(6) (b)(6) POTOMAC MD 20854

- If you would like to view your reservation online with Check My Trip Click Here
- For Aircraft Disinsection Requirements Click Here

AIR - Saturday August 6 2016

Kenya Airways Flight KQ478 Economy Class

Check In Confirmation: ZIY29G *(*30 Hours Prior)*

Depart:	4:20 AM, Saturday, August 6 Entebbe Intl. Airport Entebbe, Uganda	**Arrive:**	5 35 AM, Saturday August 6 Jomo Kenyatta Intl Arpt Terminal 1A Nairobi, Kenya
Status:	Confirmed		
Booking Code:	L (Economy)		
Equipment:	EMBRAER 190	**Stops:**	Non-stop
Duration:	1 hours 15 minutes	**Seat:**	20G (Non smoking Aisle) Confirmed
FF Number:	AF1021849414	**Meal:**	Sea Food Meal **Confirmed**
Spcl. Service:	Corporate Client Code Used By All GDSs		

Weather Flight Status *(*up to 3 days prior)*

AIR - Saturday August 6 2016

Kenya Airways Flight KQ522 Economy Class

Check In Confirmation: ZIY29G *(*30 Hours Prior)*

Depart:	7 25 AM, Saturday, August 6 Jomo Kenyatta Intl Arpt Terminal 1A Nairobi, Kenya	**Arrive:**	11 10 AM, Saturday, August 6 Nsimalen Intl Airport Yaounde Cameroon
Status:	Confirmed		
Booking Code:	L (Economy)		
Equipment:	Boeing 737-800	**Stops:**	Douala
Duration:	5 hours 45 minutes	**Seat:**	20G (Non smoking, Aisle) Confirmed
FF Number:	AF1021849414	**Meal:**	Sea Food Meal **Confirmed**
Spcl. Service:	Corporate Client Code Used By All GDSs		

Weather Flight Status *(*up to 3 days prior)*

AIR - Friday August 12 2016

AIR FRANCE Air France Flight AF775 Economy Class

Check In Confirmation: ZIY29G (*30 Hours Prior)

Depart:	10 25 PM, Friday, August 12 Nsimalen Intl Airport Yaounde Cameroon	**Arrive:**	6 00 AM, Saturday, August 13 Charles De Gaulle Arpt Terminal 2E Paris, France
Status:	Confirmed		
Booking Code:	B (Economy)		
Equipment:	Boeing 777-200/ 200ER	**Stops:**	Non-stop
Duration:	6 hours 35 minutes	**Seat:**	Assigned at Check In
FF Number:	AF1021849414	**Meal:**	Meal, Snack or Brunch
Spcl. Service:	Corporate Client Code Used By All GDSs		

Weather | Flight Status (*up to 3 days prior) | Dining Reservations

AIR - Saturday August 13 2016

Delta Air Lines Flight DL8496 Economy Class
Operated By Air France
Check In With Air France (AF54)

Check In Confirmation: GBML6J

Depart:	1 45 PM, Saturday, August 13 Charles De Gaulle Arpt Terminal 2E Paris, France	**Arrive:**	4:15 PM, Saturday August 13 Dulles Intl Arpt Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	B (Economy)		
Equipment:	Airbus Industrie A380-800	**Stops:**	Non-stop
Duration:	8 hours 30 minutes	**Seat:**	18J (Non smoking) Confirmed
FF Number:	AF1021849414	**Meal:**	Lunch
Spcl. Service:	Corporate Client Code Used By All GDSs		
Remarks:	Not eligible for web check in		

Weather | Flight Status (*up to 3 days prior) | Dining Reservations

Invoice Details

Transaction / Document	Base	Tax	Total
Kenya Airways / 706 7895591445	697.00	201 20	898 20
	Form of Payment AX XXXXXXXXXXXX1485		
New E-Ticket / 006 7895591448 Exchanged Ticket / 006 7802632274	2620 25		2620.25
	Form of Payment AX XXXXXXXXXXXX1485		
Processing Fee / 890 0686292031	43 00		43.00
	Form of Payment AX XXXXXXXXXXXX1485		
Exchange Ticket Number, Document Number / 006-7802632274 (Gonzalez/Jean Paul Joseph)	-1491 56	1428.69	-1491 56
	Form of Payment Billed To Credit Card		
Airline Change Fee (Gonzalez/Jean Paul Joseph)	300 00		300 00
	Form of Payment Billed To AX XXXXXXXXXXXX1485		
Totals:	3660 25	201 20	USD 3861 45

Total Charged to Credit Card: USD 2369 89
Balance Due: USD 0 00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

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UNIGLOBE Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	ZPSXFZ
Invoice No.:	79905	**Agent:**	(b)(6)
Issue Date:	Friday July 29, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

- If you would like to view your reservation online with Check My Trip Click Here
- For Aircraft Disinsection Requirements Click Here

AIR - Saturday August 6 2016

Kenya Airways Flight KQ478 Economy Class

Check In Confirmation: ZPSXFZ *(*30 Hours Prior)*

Depart:	4 20 AM, Saturday August 6 Entebbe Intl. Airport Entebbe, Uganda	**Arrive:**	5 35 AM, Saturday, August 6 Jomo Kenyatta Intl Arpt Terminal 1A Nairobi, Kenya
Status:	Confirmed		
Booking Code:	L (Economy)		
Equipment:	EMBRAER 190	**Stops:**	Non-stop
Duration:	1 hours 15 minutes	**Seat:**	20G (Non smoking Aiste) Confirmed
FF Number:	AF1021849414	**Meal:**	Meal

Weather Flight Status *(*up to 3 days prior)*

AIR - Saturday August 6 2016

Kenya Airways Flight KQ522 Economy Class

Check In Confirmation: ZPSXFZ *(*30 Hours Prior)*

Depart:	7:25 AM, Saturday, August 6 Jomo Kenyatta Intl Arpt Terminal 1A Nairobi, Kenya	**Arrive:**	11 10 AM, Saturday, August 6 Nsimalen Intl Airport Yaounde, Cameroon
Status:	Confirmed		
Booking Code:	L (Economy)		
Equipment:	Boeing 737-800	**Stops:**	Douala
Duration:	5 hours 45 minutes	**Seat:**	23C (Non smoking Aisle) Confirmed
FF Number:	AF1021849414	**Meal:**	Meal

Weather Flight Status *(*up to 3 days prior)*

Invoice Details

Transaction / Document		Base	Tax	Total
Kenya Airways / 706 7895591515		697.00	201 20	898 20
	Form of Payment AX XXXXXXXXXXXX1485			
Processing Fee / 890 0686317260		43 00		43 00
	Form of Payment AX XXXXXXXXXXXX1485			
	Totals:	740 00	201 20	USD 941 20

Total Charged to Credit Card: USD 941 20
Balance Due: USD 0 00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage charges may apply Baggage allowance specific size and weight restrictions vary between airlines Please visit the airline's website or contact the airline directly for details

- Kenya Airways

Important Information

• $898 20 your reservation number with Kenya Airways is ZPSXFZ

• Baggage charges may apply For more info Please visit
• kenya airways-www.kenya-airways.Com
baggage allowance-Specific size/weight restrictions vary between airlines Excess charges may apply if exceeded

• Please check in at least 3 hours prior to departure Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier Confirm with your carrier to avoid denied boarding

• A valid passport is required for your journey Passport must be valid at least 6 months beyond intended stay

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points They must fit in one quart sized, clear plastic zip-top bag Visit www.tsa.gov

• --TRAVEL ADVISORY ISSUED FOR Kenya -- --Travel advisory issued for Cameroon -- -- See website http://travel.state.Gov to view details --

• This is an electronic ticket valid only on issuing airline

• Passport and Etkt itinerary required for check in Boarding passes required prior to entering security

• Travellers leaving the country on a one-Way ticket may be denied entrance without proper documentation

• View your itinerary at www.checkmytrip.Com use your last name and trip locator ZPSXFZ

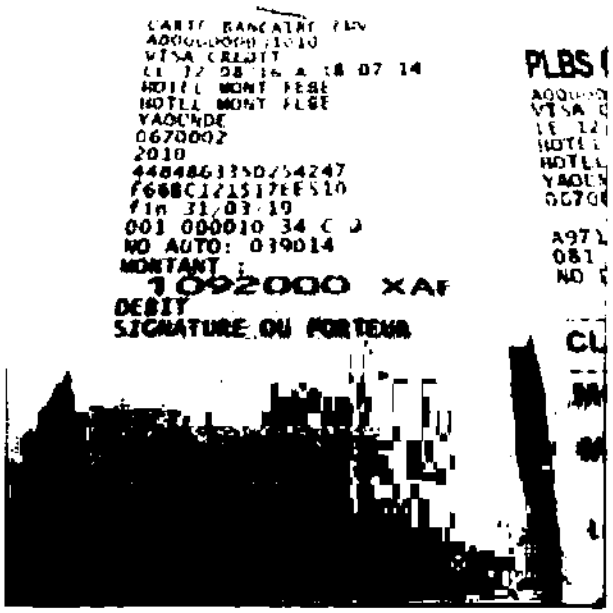
• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: It is not possible to make new reservations with the after hours service.
• Emergency travel assist collect in Uganda/Kenya/Cameroon 416
• 928-5404

Invoice No: 79905

access more

For Aircraft Disinsection Requirements http://cstpxweb dot gov/policy/safetyenergyenv/disinsection htm

Sent To:
FOIA (b)(6)
metabiota@uniglobekentlands.com
invoices@uniglobekentlands.com
metabiota@uniglobekentlands.com
nas@uniglobekentlands.com


CARTE BANCAIRE
VISA CREDIT
HOTEL MONT FEGE
HOTEL MONT FEGE
YAOUNDE
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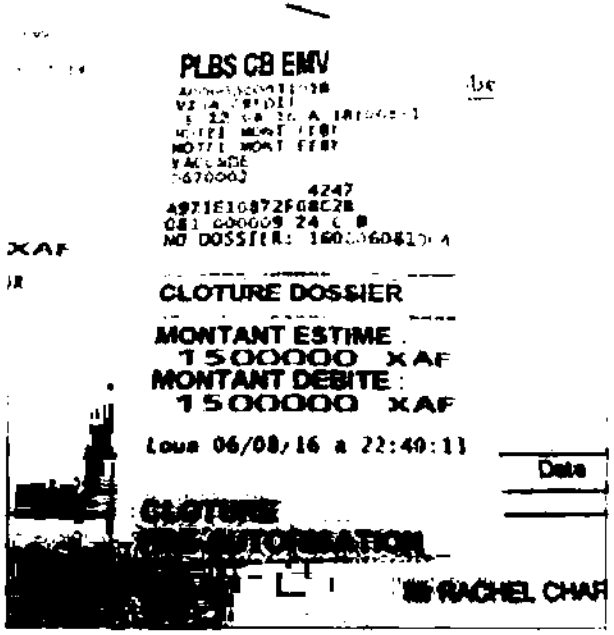
2010
FIN 31/03/19
NO AUTO: 039014
MONTANT :
1092000 XAF
DEBIT
SIGNATURE DU PORTEUR

2 nights only

600 €/15 XAF

= 1 22 51


PAYE



PLBS CB EMV

4247

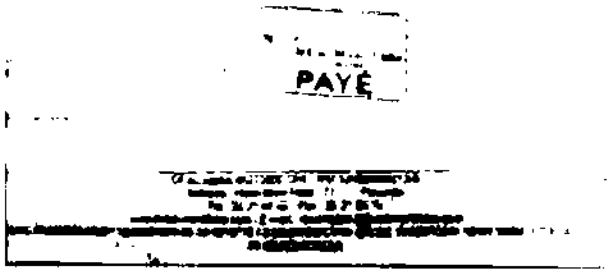
CLOTURE DOSSIER

MONTANT ESTIME :
1500000 XAF
MONTANT DEBITE :
1500000 XAF

Lous 06/08/16 a 22:40:11

Date

2,566.15


PAYÉ

RE: Please Help with Credit Card Statement - Inbox

Message

Delete | Reply | Reply All | Forward | Meeting | Attachment | Junk | Move | Rules | Read/Unread | Categorize | Follow Up

RE: Please Help with Credit Card Statement

(9)(q)

Wednesday, October 5, 2016 at 2:30 PM

To (9)(q)

(9)(q)

(9)(q) (4)(q)

CREDITS	PURCHASES	CASH ADV	TOTAL ACTIVITY
$0.00	$5,236.20	$0.00	$5,236.20

Post Date	Trans Date	Reference Number	Transaction Description	Amount
08-08	08-05	24717058219872193681621	AIR FRANCE 0578241820428 DULLES VA	100.00
08-15	08-12	74170798226226000000100	FOREIGN TRANSACTION FEE	56 04
08-15	08-13	24492158226719941203844	UBER US AUG13 4VWTD HELP.UBER.COM CA	63.67
08-15	08-12	74170798226226000000092	FOREIGN TRANSACTION FEE	75.98
08-15	08-12	74170798226226000000100	HOTEL MONT FEBE YAOUNDE (FOREIGN CURRENCY) $1,092 000.00 XAF 08/14 (RATE) 584.5324	1,868.16
08-15	08-12	74170798226226000000092	HOTEL MONT FEBE YAOUNDE (FOREIGN CURRENCY) $1 500 000.00 XAF 08/14 (RATE) 584.5333	2,566 15
08-29	08-26	24717058240872402670886	AGENT FEE 8900888489847 KENTLANDS TRA SC FOIA (b)(6) Departure Date 08-26-16	8.00
08-29	08-26	24717058240872402845046	AGENT FEE 8900888489838 KENTLANDS TRA SC FOIA (b)(6) Departure Date 08-26-16	18.00
08-29	08-26	24692168241000794916685	UNITED 0167897869176 800-932-2732 TX FOIA (b)(6) Departure Date 08-07-16 DCA UA S IAH UA S ABQ UA S IAH AU S DCA	479.20

Incurred on 9/28/01

METABIOTA

Payment Request Form

Cameroon

Date: 11/08/2016

Vendor Name: Roosevelt (for cash) Project name: DTRA

Description of Payment:

Participants intown transport reimbursement - DTRA PPE training

Account Requested 270,000 ✓ Currency FCFA

( ) Check ( ) Wire Transfer* (x) Cash

* If wire payment is requested, the following information is required, where applicable:

Bank Name: Bank Account Number

Bank Address:

Name on Account: Bank ABA Number or SWIFT Code

Authorization:

Date: 11/08/20

Prepared by (print Name and Date):

Signature:

Date: 11/8/16

Approval (print Name and Date):

Approval (Signature):

(b)(6)

(b)(6)

Director General
METABIOTA

...ts Check list

...voice

...oof of Expense

Proof of payment

Noms et Prenoms	Grade	Fonction	Formation	Ville	# days	Daily Rate	Total	USD Converted
(g)(q)	COL	MED-DSM	DSM	Yaounde	3	20,000	60,000	$ 102
	COL	MED-CHEF	HMR1	Yaounde	3	20,000	60,000	$ 102
	LCL	PF/VIH/MINDEF	DSM	Yaounde	3	20,000	60,000	$ 102
	AT	INFIMIER	SSM1	Yaounde	3	15,000	45,000	$ 77
	AT	INFIMIER	SSM1	Yaounde	3	15,000	45,000	$ 77
							270,000	**$ 460**

Prepared by:

(g)(q)

(g)(q)

(g)(q)

(g)(q)

(g)(q)

Director
METABIOTA

ALPHA & OMEGA TOURS AND TRAVEL LTD.

P O BOX 16038 Wandegeya
Tel +256 772 509798 / 0772 380148 /0772508322
Email alom@infocom.co.ug

No. 0736

INVOICE

M/s. (b)(6)

Date: 5 Aug 16

Del. No.:

Qty	Particulars	Rate	Amount
	Payment for Transportation.		
-	31 July - 6 Aug 7 days	$75	$525
-	31 July 2nd trip to the Airport	$50	$50
-	5 Aug - Vehicle from Fort portal to Entebbe	$75	$75
-	Fuel for the trip	$60	$60
	$ 710		
	EQUIVALENT		
E. & O.E	UGX 2,414,000 =		
		TOTAL	$710

($135 to be billed to TD001)

Accounts are due on demand

Name (b)(6) Signature (b)(6)

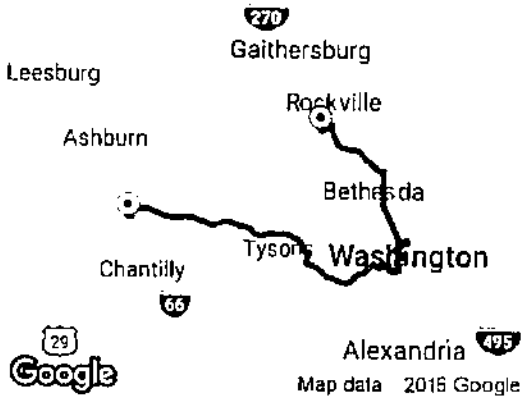
135
63.67
460.09

658076

Subject: Your Saturday evening trip with Uber
Date: Saturday, August 13, 2016 at 7:38:01 PM Eastern Daylight Time
From: Uber Receipts
To: (b)(6)
Attachments: map_e56d31d4-c116-4138-8147-c49bb39e903e

$63.67

FOIA (b)(6)



06:20pm

07:36pm

FOIA (b)(6)

uberX	43.39	01:15:55

FARE BREAKDOWN

	1.15
	44.26
	12.91
Subtotal	**$58.32**
	1.35
	4.00
—	**$63.67**

Your fare reflects the time and distance you traveled rather than the destination you entered.

CONCUR Travel Expense Reporting App Center

Administration Help

Profile

Manage Expenses Processor

Receipt

Cameroon

Summary Details

Expenses

Date	Expense
07/22/2016	Direct M FEDEX
07/12/2016	Foreign CVS/Pha

CVS/pharmacy

REG#04 TAN#9291 CSHR#0664870 STR#1351

Helped by KONJIT

1	PSSPRT	4%6	12.99T
KOK PRNT		4%6	
4 @	35		1.40T
5 I			
			14.39
DC 5	TAX		.83
TOTAL			15.22
			15.[illegible]
			[illegible]

CHANGE 00

RETURNS WITH RECEIPT THRU 09/10/2016

Expense Receipt Image

Expense Type: Foreign Travel Other Expenses

Transaction Date: 07/12/2016

Payment Type

Amount: 15.22

Personal Expense. Do not reimburse

Send Back Expense

You can drag to rotate the receipt image

Org Code

(10.10.10.01) Government

Contac (b)(6)
Phone (b)(6)

Order Date • **07/12/2016**
TDS Order # **139942**

Sold To:
Metabaiota
425 California street
Suite 200
San Francisco 94104 US
2023208338

Ship To.
Metabiota Inc
(b)(6)
suite 200
San Francisco, CA 94104 US
2023208338

Service	TDS Fee	Gov't Fee**	Item Total
(b)(6) Departure 07/29/2016			
Cameroon: Multiple Entry Visa 6 months, Business, 7-10 Business Days	$79.00	$189.00	$268.00
(b)(6) Departure.07/29/2016			
Cameroon: Multiple Entry Visa 6 months Business, 7-10 Business Days	$79.00	$189.00	$268.00
Return Shipping **Client Pickup**			$0.00

Subtotal	$536.00
Shipping	$0.00
Finance Fee	$18.76
Total	$554.76
Total Received	$554.76
Balance Due	$0.00

Contact FOIA (b)(6)

Order Date - **07/12/2016**
TDS Order # **13994**

Sold To:
Metabaiota
425 California street
Suite 200
San Francisco 94104 US
2023208338

Ship To:
(b)(6)
suite 200
San Francisco, CA 94104 US
2023208338

Shipment 1 of 2

Service	TDS Fee	Gov't Fee**	Item Total
FOIA (b)(6) e:07/29/2016			
Cameroon: Multiple Entry Visa 6 months, Business, 7-10 Business Days	$79.00	$189.00	$268.00
Return Shipping **Client Pickup**			$0.00

Shipment 2 of 2
Ship To: METABIOTA INC / (b)(6) 25 CALIFORNIA ST SUITE 200 / SAN FRANCISCO , CA 94104 US / 2023208338

Service	TDS Fee	Gov't Fee**	Item Total
(b)(6) Departure:07/29/2016			
Cameroon: Multiple Entry Visa 6 months, Business, 7-10 Business Days	$79.00	$189.00	$268.00
Return Shipping **Client Pickup**			$0.00

Additional Fees
RUSH PROCESSING FEE (GONZALEZ) $150.00

Subtotal	$536.00
Shipping	$0.00
Order Fees	$150.00
Discount	$0.00
Finance Fee	$24.01
Total	$710.01
Total Received	$710.01
Balance Due	$0.00

TD 009 NHLS BS&S Training - South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/2015 – 11/15/2016

CLIN 1002 – Labor

Program Manager:
(b)(6) held communications with the South African team working on this project to discuss administrative and technical issues, including the resolution of invoicing of materials and the potential for the material acquisition of additional supplies, specifically calipers for taking facial measurements. (b)(6) investigated pricing of those calipers (b)(6) also held communications with DTRA/A&AS to communicate project status (b)(6) began review of the 4th version of the BS&S videos.

Grants Manager:
(b)(6) participated in communications with (b)(6) to discuss administrative and technical issues related to this project. He worked with (b)(6) and (b)(6) on generating invoices for materials purchased. (b)(6) also worked with the videography company, Grounded Media, on securing a new revision of the BS&S videos and sent copies of the latest (4th) revision to (b)(6) via courier.

Trainer 1:
(b)(6) participated in communications with the South African team working on this projec (b)(6) also participated in communications with DTRA/A&AS to communicate project status (b)(6) reviewed the 4th version of the BS&S videos and developed recommendations for NHLS to consider.

Subject Matter Expert 1:
(b)(6) completed development of the OHASIS module and worked with NHLS staff to identify and fix bugs in the module. He also worked on the development of a training manual for the OHASIS module.

Research and Data Analyst:
(b)(6) and (b)(6) worked with (b)(6) on administrative and financial matters for the South African NHLS team.

CLIN 1003 – Materials and Supplies
Material costs incurred include respirators, fluid shields, and calipers for facial measurements. These supplies will assist with continuation of fit testing and were approved for purchase by the country manager.

CLIN 1004 – ODCs
DBA was applied for the NHLS subcontractor performers at a FOIA (b)(4) of total compensation.

CLIN 1005 – Travel

No travel costs are invoiced this period.

Metabiota						
TD 009 NHLS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	DATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

Completed by Program Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	to Apply to program
TD 01 Cameroon PPE	01021.02.001.PPE.04		EMP	17.00	$ 24.74
TD 01 Cameroon PPE	01021.02.001.PPE.04		EMP	0.00	$ -
TD 01 Cameroon PPE	01021.02.001.PPE.04		EMP	2.00	$ 7.21
TD 01 Cameroon PPE	01021.02.001.PPE.04		EMP	0.00	$ -
TD 01 Cameroon PPE	01021.02.001.PPE.04		C	0.00	$ -
TD 01 Cameroon PPE Total					$ 31.95
TD 09 NHLS	01021.02.009.NHL.04		Sub	20.00	$ 45.50
TD 09 NHLS	01021.02.009.NHL.04		Sub	5.00	$ 11.38
TD 09 NHLS	01021.02.009.NHL.04		Sub	5.00	$ 7.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	25.00	$ 52.50
TD 09 NHLS Total					$ 116.38
TD 13 OHE	01021.02.013.OHE.04		EMP	47.00	$ 75.98
TD 13 OHE	01021.02.013.OHE.04		EMP	40.50	$ 38.43
TD 13 OHE	01021.02.013.OHE.04		EMP	47.00	$ 169.44
TD 13 OHE	01021.02.013.OHE.04		IC	60.00	$ 5.78
TD 13 OHE Total					$ 289.62
TD 18 Georgia Genomics	01021.02.018.GGM.04		Sub	112.00	$ 431.20
TD 18 Georgia Genomics Total					$ 431.20
TD 19 Georgia Micro	01021.02.019.GMC.04		EMP	94.50	$ 198.78
TD 19 Georgia Micro Total					$ 198.78
TD 21 Iraq FETP	01021.02.021.IFE.04		IC	70.00	$ 122.50
TD 21 Iraq FETP	01021.02.021.IFE.04		SUB	40.00	$ 86.45
TD 21 Iraq FETP	01021.02.021.IFE.04		SUB	40.00	$ 72.04
TD 21 Iraq FETP	01021.02.021.IFE.04		SUB	40.00	$ 72.04
TD 21 Iraq FETP	01021.02.021.IFE.04		SUB	20.00	$ 32.25
TD 21 Iraq FETP	01021.02.021.IFE.04		IC	40.00	$ 105.00
TD 21 Iraq FETP Total					$ 490.29
TD22 Uganda BSV	01021.02.022.BSV.04		Sub	112.50	$ 472.50
TD22 Uganda BSV	01021.02.022.BSV.04		Sub	112.50	$ 295.31
TD22 Uganda BSV Total					$ 767.81
TD 023 OHE South Africa	01021.02.023.OSA.04	(b)(6)	Sub	25.00	$ 123.38
TD 023 OHE South Africa Total					$ 123.38
Grand Total					$ 2,449.40

FOIA (b)(4)

[redacted]

INVOICE

Attn Accounts Payable
METABIOTA, Inc
1 SUTTER STREET
SUITE 600
SAN FRANCISCO
94104

Customer VAT No:
Attention: Invoices@metabiota.com
cc Rachel Campbell

Number	7811-7
Date	18-Aug-16
Customer PO No	
Contract	2015-01-DTRA
Account No	GRANT95733
Page	1 of 1

Contract Number (2015-01-DTRA)

Line	Item No.	Description	Quantity	Unit Price	Total
		Project Title Fit Testing Purchased Respirators from 29/01/2016 to 23/05/2016			[redacted]

Bank Name	First National Bank
Branch Name	Commercial
Branch Number	210554
Account Name	NHLS Grams-International
Account Number	[redacted]
Ref No	GRANT95733_93837

Amount Due [redacted]

Payment Terms : Net 30 Days

Invoice or Purchase Order #	Company	Item	Quantity	Price (ZAR)	Total (ZAR)	Date	Exchange rate	Total (USD)
1749931 D02	Pienaar Bros	M1860 respirator	40	46 92	1876 8	29/01/2016	0 0621	116 55
1749931 D02	Pienaar Bros	M1860S respirator	40	46 92	1876 8	29/01/2016	0 0621	116 55
1749931-D02	Pienaar Bros	M1863 respirator	40	31 14	1245 6	29/01/2016	0 0621	77 35
1749931-D02	Pienaar Bros	VAT	1	699 89	699 89	29/01/2016	0 0621	43 46
039130COPY	Envirocon	Fit Test Probe Refill Kit (500 probes 500 pushnuts) 8025N95R	2	3260	6520	05/03/2016	0 0651	424 45
039130COPY	Envirocon	VAT	1	912.8	912.8	05/03/2016	0 0651	59.42
42125805	Halyard	Fluidshield N95 P4672702 case	12	1010.2	12122.4	23/03/2016	0 0654	792 80
42125805	Halyard	VAT	1	1697 14	1697.14	23/03/2016	0 0654	110 99
42129228	Halyard	Fluidshield N95 P4672701 case	11	1010.2	11112.2	23/03/2016	0 0654	726 74
42129228	Halyard	VAT	1	1555.71	1555.71	23/03/2016	0 0654	101.74
039031COPY	Envirocon	Fit Test Probe Refil Kit (500 probes, 500 pushnuts) 8025N95R	6	2895	17370	02/04/2016	0 0679	1 179 42
039031COPY	Envirocon	VAT	1	2431 8	2431 8	02/04/2016	0 0679	165 12
1788810-D02	Pienaar Bros	M1860S respirator	600	50	30000	17/05/2016	0 064	1 920 00
1788810-D02	Pienaar Bros	M1860 respirator	400	50	20000	17/05/2016	0 064	1 280 00
1788810-D02	Pienaar Bros	M1805S respirator	300	16	4800	17/05/2016	0 064	307.20
1788810-D02	Pienaar Bros	VAT	1	7672	7672	17/05/2016	0 064	491 01
1789454-D02	Pienaar Bros	M1860S respirator	400	50	20000	20/05/2016	0 0635	1 270 00
1789454-D02	Pienaar Bros.	M1860 respirator	400	50	20000	20/05/2016	0 0635	1 270 00
1789454-D02	Pienaar Bros.	M1805S respirator	200	16	3200	20/05/2016	0 0635	203.20
1789454-D02	Pienaar Bros.	VAT	1	6048	6048	20/05/2016	0 0635	384 05
1789448-D02	Pienaar Bros.	M1860S respirator	500	50	25000	20/05/2016	0 0635	1 587 50
1789448-D02	Pienaar Bros.	M1860 respirator	600	50	30000	20/05/2016	0 0635	1 905 00
1789448-D02	Pienaar Bros.	M1805 respirator	100	16	1600	20/05/2016	0 0635	101 60
1789448-D02	Pienaar Bros	VAT	1	7924	7924	20/05/2016	0 0635	503.17
1790020-D02	Pienaar Bros.	M1860S respirator	620	50	31000	20/05/2016	0 0635	1 968 50
1790020-D02	Pienaar Bros.	M1860 respirator	400	50	20000	20/05/2016	0 0635	1 270 00
1790020-D02	Pienaar Bros.	M1805S respirator	150	16	2400	20/05/2016	0 0635	152.40
1790020-D02	Pienaar Bros	VAT	1	7476	7476	20/05/2016	0 0635	474 73
1789459-D02	Pienaar Bros.	M1860S respirator	600	50	30000	23/05/2016	0 0638	1 914 00
1789459-D02	Pienaar Bros.	M1860 respirator	600	50	30000	23/05/2016	0 0638	1 914 00
1789459-D02	Pienaar Bros.	M1805S respirator	400	20	8000	23/05/2016	0 0638	510 40
1789459-D02	Pienaar Bros.	transport charges	1	737	737	23/05/2016	0 0638	47 02
1789459-D02	Pienaar Bros.	VAT	1	9623 18	9623.18	23/05/2016	0 0638	613 96
42108892	Halyard	Fluidshield N95	1	1010.2	1010.2	19/01/2016	0 0596	60.21
42108892	Halyard	VAT	1	141 43	141 43	19/01/2016	0 0596	8.43
	Total				376 052.95			24 070.98

PIENAAR BROS. NORTH

Reg No 1999/000175/07 VAT Reg No 4040178586

Head Office: P.O. Box 14088, Wadeville 1422 Tel. 011 824-2384 Fax 011 824 3885 Website: www.pienaarbros.co.za

Wadeville, Jhb Tel. (011) 824 2384 | Pretoria Tel. (012) 653 2155 | White River Tel. (013) 758 1064 | Polokwane Tel. (015) 292 8237 | Secunda Tel. (017) 638 1372/2 | Tzaneen Tel. (015) 307 1640 | Phalaborwa Tel. (015) 731 0153
Richards Bay Tel. (035) 789 9425 | Vereeniging Tel. (016) 455 256 | Potchefstroom Tel. (014) 297 1995 | Middelburg Tel. (013) 282 8300 | Bloemfontein Tel. (051) 430 4793 | Rustenburg Tel. (014) 592 2548

TAX INVOICE

Document Number 1749931-D02

Date 2016-01-29 15 08 45

Processed by (b)(6)

Account No. 1602TVL
Account Name: NATIONAL HEALTH LABORATORY SER **4400910357
Post Address. P O BOX 1038
JOHANNESBURG

2000

Del. Address. ATT:
NIOH
25 HOSPITAL STREET
HILLBROW
9999

Page 1 of 1

Customer VAT No 4040178586 Contact Name: Charles 29-01-2016 Order No 1136349
Terms. 30 days Item No.: 62 Rep Name: HOUSE

Part Number	Description	Del Qty	B/O Qty	Price ea.	Disc%	Total
M1860	3M 1860 HEALTH CARE PART RESP N95/FFP2 70070612364	40	0	46.92	0.00	1,876.80
M186[illegible]	3M 1860S (SMALL) HEALTH CARE PART RESP N95/FFP2 70070614378	40	0	46.92	0.00	1,876.80
M1863	3M1863+ FOLD FLAT RESPIRATOR UNVALVED FFP3 NR D NPF50	40	0	31.14	0.00	1,245.60
M1[illegible]5	3M VFLEX HEALTHCARE RESPIRATOR SURGICAL MASK N95 FFP2 70071607918	0	400	15.22	0.00	0.00
M1605S	3M VFLEX HEALTHCARE RESPIRATOR SURGICAL MASK SMALL N95 FFP2 70071607926	0	400	15.22	0.00	0.00

1

PULLED
PACKED
CHECKED
DRIVER

(b)(6)

NOT LIABLE FOR SHORT DELIVERY ON GOODS
NOT CHECKED BY RECEIVER

Discount of R 142.48 allowed for 30 days settlement of account

Name: ..... Signature
Date: ...../...../..... Courier

Banking Details: Bank: Nedbank Name: Brian Pienaar North
Branch: Lambton Code: 193642 Account No.: (b)(4); (b)(6)

Sub Total	4,999.20
Trade Disc [0.00%]	0.00
Total Excl VAT:	4,999.20
Tax Value:	699.89
Document Total:	5,699.09

Notes: Delivery

TAX INV I E 3913 C PY

ENVIROCON INSTRUMENTATION CC
P O BOX 2686
NORTHCLIFF
2115 GAUTENG SOUTH AFRICA
VAT REG No. 4210116291
REG No. 1988/008931/23

1 F R DR VE
104 MISA CENTRE
NORTHCLIFF
Tel No. 011 476 1323
Fax No. 011 476 5925

NATIONAL HEALTH LABORATORY
SERVICES C/O ACC PAYABLE
PRIVATE BAG X8 SANDRINGHAM
GP 2131
CUSTOMER VAT REG No. 4900103575

NATIONAL HEALTH LABORATORY
SERVICES - NIOH OCCUPATIONAL
HEALTH, 25 HOSPITAL STREET
HILLBROW BRAAMFONTEIN GP

Customer no.	Order no.	Date	Rep	Date	Page no.
ENV0721	1145679	/ /	1	03/05/2016	00001

Product	Description	Qty	Price	Nett
T9025-N95R	F1? TEST PROBE REFILL KIT	2.000	3260.00	6520.00

	Sub-total	6520.00
OUR STANDARD CONDITIONS OF SALES APPLY. ACCEPTED BY.....	VAT @ 14.00 %	912.80
		7432.80

HALYARD

Halyard Health South Africa (Pty) Ltd

Copy of TAX INVOICE

Document No. 42125805
Document Date 23.03.2016
Delivery No. 51130636

C/O STATUCOR(PTY)LTD
22 WELLINGTON ROAD, PARKTOWN,2193
GAUTENG, SOUTH AFRICA

POSTAL
PRIVATE BAG X60500 HOUGHTON,2041
GAUTENG, SOUTH AFRICA

Reg. No. 2014/135478/07
Vat Registration No. 4150266924

Invoice to: NHLS
ACCOUNTS PAYABLE
P.O. Box 1038
JOHANNESBURG
2000
SOUTH AFRICA

Ship to: Nioh Immunology Lab Expense
25 HOSPITAL STREET
HILLBROW
JOHANNESBURG
2001
SOUTH AFRICA

NHLS Payer: NHLS
ACCOUNTS PAYABLE
P.O. Box 1038
JOHANNESBURG
2000
SOUTH AFRICA

Telephone: 0113866000
HYH Customer No: 28624316

Telephone:
HYH Customer No: 28561190
Customer VAT:
Supplier No:
Terms: Net payable 30 days

Order number	Order Date	Req.Del Date	Customer P/Order number	Credit Rep	Shipping Location	Currency
6119169	23.03.2016	24.03.2016	1149812	12	Halyard Gauteng DC	ZAR

Pos	Item	Product Description	KC Code	Customer Ref/EAN	Quantity	Unit	Un. Price	Excl. Amount	Vat Amount	%RATE	Incl. Amou
10	46727	FLUIDSHIELD* Level 3 N95 Parti	P4672702		12	CS	1010.20	12,122.40	1697.14	14.0	13,819.5
		Small Order Charge						0.00	0.00	14.0	0.(
		Freight Charge						0.00	0.00	14.0	0.(
				Total	12			**12,122.40**	**1697.14**		**13,819.5**

Volume:	0.312
Gross Weight:	28.308
Net Weight:	26.040

HALYARD

Halyard Health South Africa (Pty) Ltd

Copy of TAX INVOICE

Document No. 42129228
Document Date 07.04.2016
Delivery No. 51133687

C/O STATUCOR(PTY)LTD
22 WELLINGTON ROAD, PARKTOWN,2193
GAUTENG, SOUTH AFRICA

POSTAL
PRIVATE BAG X60500 HOUGHTON,2041
GAUTENG, SOUTH AFRICA

Reg. No. 2014/135478/07
Vat Registration No. 4150266924

Invoice to: NHLS
ACCOUNTS PAYABLE
P.O. Box 1038
JOHANNESBURG
2000
SOUTH AFRICA

Ship to: Nioh Immunology Lab Expense
25 HOSPITAL STREET
HILLBROW
JOHANNESBURG
2001
SOUTH AFRICA

NHLPayer: NHLS
ACCOUNTS PAYABLE
P.O. Box 1038
JOHANNESBURG
2000
SOUTH AFRICA

Telephone. 0113866000
HYH Customer No: 28624316

Telephone:
HYH Customer No: 28561190
Customer VAT:
Supplier No:
Terms: Net payable 30 days

Order number	Order Date	Req.Del Date	Customer P/Order number	Credit Rep	Shipping Location	Currency
6119169	23.03.2016	06.04.2016	1149812	12	Halyard Gauteng DC	ZAR

Pos	Item	Product Description	KC Code	Customer Ref/EAN	Quantity	Unit	Un. Price	Excl. Amount	Vat Amount	%RATE	Incl. Amou
20	46827	FLUIDSHIELD* Level 3 N95 Parti	P4682701		11	CS	1010.20	11,112.20	1555.71	14.0	12,667.9
		Small Order Charge						0.00	0.00	14.0	0.0
		Freight Charge						0.00	0.00	14.0	0.0
				Total	11			11,112.20	1555.71		12,667.9

Volume:	0.286
Gross Weight:	22.957
Net Weight:	21.296

TAX INVOICE 039031 COPY

ENVIROCON INSTRUMENTATION CC
P O BOX 2686
NORTHCLIFF
2115 GAUTENG SOUTH AFRICA
VAT REG No. 4210116291
REG No. 1988/008931/23

12 FIR DRIVE
104 MISA CENTRE
NORTHCLIFF
Tel No. 011 476 7323
Fax No. 011 476 5995

NATIONAL HEALTH LABORATORY
SERVICES C/O ACC. PAYABLE
PRIVATE BAG X8 SANDRINGHAM
GP 2131
CUSTOMER VAT REG No. 4900103575

NATIONAL HEALTH LABORATORY
SERVICES - NIOH OCCUPATIONAL
HEALTH. 25 HOSPTIAL STREET
HILLBROW BRAAMFONTEIN GP

Customer no	Order no.	Date	Rep	Date	Page no.
ENV0721	1150527	07/04/2016	1	13/04/2016	00001

Product	Description	Qty	Price	Nett
T8025-N95R	FIT TEST PROBE REFILL KIT	6.000	2895.00	17370.00

OUR STANDARD CONDITIONS OF SALES
APPLY. ACCEPTED BY.....

Sub-total	17370.00
VAT @ 14.00 %	2431.80
	19801.80

Brian Pienaar North (Pty) Ltd t/a

PIENAAR BROS.

Reg No 1999/000175/07 VAT Reg No 4040178586 **NORTH**

Head Office: P O Box 14008 Witbank 1037 Tel (013) 624-2384 Fax (013) 624 3386 Website: www.pienaarbros.co.za

Wadeville, Jhb Tel (011) 824 2364 | Pretoria Tel (012) 653 2165 | White River Tel (013) 758 1264 | Polokwane Tel (015) 292 0420 | Secunda Tel (017) 638 1371/2 | Tzaneen Tel (015) 307 1642 | Phalaborwa Tel (015) 781 [illegible]
Richards Bay Tel (035) 789 8420 | Vereeniging Tel (016) 455 3551 | Potchefstroom Tel (018) 297 1995 | Middelburg Tel (013) 282 8350 | Bloemfontein Tel (051) 430 4191 | Rustenburg Tel (014) 592 2543

TAX INVOICE

Document Number **1788810-D02**

Date 2016-05-17 14 03 43

Processed by (9)(a)

Account No.	1602TVL
Account Name	NATIONAL HEALTH LABORATORY SER **4400910357
Post Address	P O BOX 1038
	JOHANNESBURG
	2000

Del Address	NIOH
	25 HOSPITAL STREET
	HILBROW
	9999

Customer VAT No: 4040178586 Contact Name: Charles 17-05-2016 Order No 1161967

Terms: 30 days Item No.: 71 Rep Name HOUSE

Part Number	Description	Del Qty	B/O Qty	Price ea.	Disc%	Total
M1860S	3M 1860S (SMALL) HEALTH CARE PART RESP N95/FFP2 70070614378	600	0	50 00	0 00	30,000 00
M1860	3M 1860 HEALTH CARE PART RESP N95/FFP2 70070612364	400	0	50 00	0 00	20,000 00
M 5S	3M VFLEX HEALTHCARE RESPIRATOR SURGICAL MASK SMALL N95 FFP2 70071607926	300	0	16 00	0 00	4,800 00

NOT LIABLE R
SHORT DELIVERY . GOODS

IF NOT CHEC LIVER

PACKED

PULLED
PACKED
CHECKED (9)(a)
DRIVER
OK AC

Discount of R 1,561 80 allowed for 30 days settlement of account

Name: Signature

Date: / / Courier

Banking Details: Bank: Nedbank Name: Brian Pienaar North
Branch: Lambton Code: 193642 Account No.: (9)(a)

Sub Total	54,800.00
Trade Disc [0 00%]	0 00
Total Excl VAT:	**54,800.00**
Tax Value	7,672 00
Total ZAR:	**62,472.00**

PIENAAR BROS. NORTH

VAT Reg No 4040176586

Head Office: [illegible] Website: [illegible]

Wadeville, Jhb | Pretoria | White River | Polokwane | Secunda | Tzaneen | Phalaborwa
Richards Bay | Vereeniging | Potchefstroom | Middelburg | Bloemfontein | Rustenburg

TAX INVOICE

Document Number 1789454-D02

Date 2016-05-20 10 27 23

Processed by (b)(6)

Account No	1602TVL
Account Name	NATIONAL HEALTH LABORATORY SER **4400910357
Post Address.	P O BOX 1038 JOHANNESBURG 2000

Del. Address ATT. LASI MAJA
NHLS POLOKWANE
FICUS PARK OFFICES, SUITE 14
15 PIERRE STREET, BENDOR (NEXT TO C
9999

Page 1 of 1

Customer VAT No 4040178586 Contact Name (b)(6) 8-05-2016 Order No 1162237
Terms 30 days Item No : 74 Rep Name HAMISH

Part Number	Description	Del Qty	B/O Qty	Price ea.	Disc%	Total
M1860S	3M 1860S (SMALL) HEALTH CARE PART RESP N95/FFP2 70070614378	400	0	50 00	0 00	20 000 00
M1860	3M 1860 HEALTH CARE PART RESP N95.FFP2 70070612364	400	0	50 00	0 00	20 000 00
M1805S	3M VFLEX HEALTHCARE RESPIRATOR SURGICAL MASK SMALL N95 FFP2 70071607926 FOR NHLS POLOKWANE	200	0	16 00	0 00	3 200 00
	HI NONJABULO - QUOTE E MAILED 31 03 16					
	QUOTE AMENDED/RESENT 31 03 16					
	SEND VIA RTS TO POLOKWANE BRANCH					

(b)(6)

23,[illegible]

(b)(6)

(7) (6) (6)

15,98

Discount of R 1 231 20 allowed for 30 days settlement of account

Name	Signature
Date	Courier

Sub Total	43,200 00
Trade Disc (0 00%)	0 00
Total Excl VAT	43,200.00
Tax Value	5,048 00

Brian Pienaar North (Pty) Ltd t/a

PIENAAR BROS. NORTH

Reg No 1999/000175/07 VAT Reg No 4040178586

Head Office: P.O. Box 1368, Waterkloof 1422 Tel: (011) 824-2384 Fax: (011) 824-3686 Website: www.pienaarbros.co.za

Wadeville, Jhb Tel: (011) 824 2384 | Pretoria Tel: (012) 653 2155 | White River Tel: (013) 758 1064 | Polokwane Tel: (015) 292 0237 | Secunda Tel: (017) 638 13712 | Tzaneen Tel: (015) 307 1640 | Phalaborwa Tel: (015) 781 0153
Richards Bay Tel: (035) 789 8425 | Vereeniging Tel: (016) 455 3551 | Potchefstroom Tel: (018) 297 1990 | Middelburg Tel: (013) 252 8390 | Bloemfontein Tel: (051) 430 4793 | Rustenburg Tel: (014) 592 2549

COPY TAX INVOICE

Document Number 1789448-D02

Date 2016-05-20 10 24 23

Processed by: (b)(6)

Account No.: 1602TVL
Account Name: NATIONAL HEALTH LABORATORY SER **4400910357
Post Address P O BOX 1038
JOHANNESBURG

2000

Del Address NIOH
25 HOSPITAL ST
HILLBROW

9999

Customer VAT No: 4040178586 Contact Name: Charles 18-05-2016 Order No 1161994
Terms: 30 days Item No 72 Rep Name HOUSE

Part Number	Description	Del Qty	B/O Qty	Price ea.	Disc%	Total
M1860S	3M 1860S (SMALL) HEALTH CARE PART RESP N95/FFP2 70070614378	500	LX 0	50 00	0 00	25 000 00
M1860	3M 1860 HEALTH CARE PART RESP N95/FFP2 70070612364	600	LX 0	50 00	0 00	30 000 00
M1805	3M VFLEX HEALTHCARE RESPIRATOR SURGICAL MASK N95 FFP2 70071607918	100	LX 0	16 00	0 00	1,600 00

NCD Cert

10

(b)(6)

10

Discount of R 1,613 10 allowed for 30 days settlement of account

Name: ..... Signature

Date: ...../... ./ Courier:

Sub Total	56,600 00
Trade Disc [0 00%]	0 00
Total Excl VAT:	56 600 00

NORTH

TAX INVOICE

Document Number 1790020-D02

Date 2016-05-20 10:26:03

Processed by [redacted]

Account No 1602TVL
Account Name NATIONAL HEALTH LABORATORY SER **4400910357
Post Address P O BOX 1038
JOHANNESBURG

2000

Del Address ATT [redacted] KZN
NHLS - GROUND FLOOR
142 PRINCE STREET, SOUTH BEACH COMPLEX
DURBAN
9999

Page 1 of 1

Customer VAT No 4040178586
Terms 30 days
Contact Name COLIN/CHARLES 19-05-2016
Item No. 73
Order No 1162589
Rep Name ANDY

Part Number	Description	Del Qty	B/O Qty	Price ea	Disc%	Total
[illegible]	[illegible] HEALTH [illegible] PART RESP N95 FFP2 70070614379		0	50.00		
[illegible]	[illegible] CARE PART RESP N95 FFP2 [illegible]	40	0	50.00	0.00	20 000.00
[illegible]	[illegible] HEALTHCARE RESPIRATOR SURGICAL MASK SMALL N95 FFP2 70071607926 M1835S PACKED 50 BOX ONLY	15	0	16.00	0.00	2 400.00
	FOR KZN					
	A [illegible] MAR [illegible] NEE NAIDOO/NOEBAKAZI MVAKADE					
	H NONJABULO - QUOTE E MAILED 31 03 16					
	WE WILL DELIVER THESE TO OUR RICHARDS BAY					
	BRANCH FOR DELIVERY TO DURBAN					
	HI NONJABULO - QUOTE E MAILED 31 03 16					
	QUOTE AMENDED/RESENT 31 03 16					
	Serial is RTS to Richards Bay Branch					

[redacted]

(b)(6)

(b)(6)

(b)(6)

(b)(6)

Discount of R 1 521.90 allowed for 30 days settlement of account

Name [redacted] Signature [redacted]
Date 26 05 2016 Courier

Banking Details Bank: Nedbank Name Brian Pienaar North
Branch Lambton Code 193642 Account No. [redacted]

Sub Total	53 400.00
Trade Disc [0.00%]	0.00
Total Excl VAT	53,400.00
Tax Value	7 476.00
Total ZAR	60,876.00

COPY TAX INVOICE

Document Number 1789459-D02

Date 2016-05-23 9:45:07

Processed by CHARLES

Account No	1602TVL
Account Name	NATIONAL HEALTH LABORATORY SER **4400910357
Post Address	P O BOX 1038
	JOHANNESBURG
	2000

De Address	ATT (9)(6)
	F BLOCK, NHLS GREENPOINT
	OLD CITY HOSPITAL, PORTSWOOD ROAD
	CAPE TOWN
	9999

Customer VAT No 4040172586 Contact Name COLIN/CHARLES 18-05-2015 Order No 1162228

Terms 30 days Item No 75 Rep Name HOUSE

Part Number	Description	Del Qty	B/O Qty	Price ea.	Disc%	Total
M1860S	3M 1860S SMALL HEALTH CARE PART RESP N95/FFP2 70070614378 5 CASES M1860S	600	0	50.00	0.00	30 000.00
M1860	3M 1860 HEALTH CARE PART RESP N95/FFP2 70070617364 5 CASES M1860	600	0	50.00	0.00	30 000.00
M1805S	3M V-FLEX HEALTHCARE RESPIRATOR SURGICAL MASK SMALL N95 FFP2 70071607926 1 CASE M1805S 1 Box 38 x 33 x 55 5 Boxes 35 x 28 x 22 5 Boxes 42 x 28 x 22 FOR WC NC CAPE TOWN	400	0	20.00	0.00	8 000.00
TRANSPORT	TRANSPORT CHARGES FOR WC NC CAPE TOWN ATT NONTUTUZELO MABUYA Hi MICHELLE - QUOTE E MAILED 31/03/16	1	0	737.00	0.00	737.00

(9)(6)

Discount of R 1 959.00 allowed for 30 days settlement of account

Name

Date

Signature

Courier

(9)(6)

Sub Total	68 737.00
Trade Disc [0.00%]	0.00
Total Excl VAT:	68,737.00
Tax Value	9,623.18

HALYARD

Halyard Health South Africa (Pty) Ltd

Copy of TAX INVOICE

Document No. 42108892
Document Date 19.01.2016
Delivery No. 51112699

C/O STATUCOR(PTY)LTD
22 WELLINGTON ROAD, PARKTOWN,2193
GAUTENG, SOUTH AFRICA

POSTAL
PRIVATE BAG X60500 HOUGHTON,2041
GAUTENG, SOUTH AFRICA

Reg. No 2014/135478/07
Vat Registration No 4150266924

Invoice to: NHLS
ACCOUNTS PAYABLE
P.O. Box 1038
JOHANNESBURG
2000
SOUTH AFRICA

Ship to: Nioh Immunology Lab Expense
25 HOSPITAL STREET
HILLBROW
JOHANNESBURG
2001
SOUTH AFRICA

NHLS Payer: NHLS
ACCOUNTS PAYABLE
P.O. Box 1038
JOHANNESBURG
2000
SOUTH AFRICA

Telephone: 0113866000
HYH Customer No: 28624316

Telephone:
HYH Customer No: 28561190
Customer VAT:
Supplier No:
Terms: Net payable 30 days

Order number	Order Date	Req.Del Date	Customer P/Order number	Credit Rep	Shipping Location	Currency
6102097	14.01.2016	20.01.2016	1132561	12	Halyard Gauteng DC	ZAR

Pos	Item	Product Description	KC Code	Customer Ref/EAN	Quantity	Unit	Un. Price	Excl. Amount	Vat Amount	%RATE	Incl. Amou
10	P4672702	FLUIDSHIELD* Level 3 N95 Parti	P4672702		1	CS	1010.20	1,010.20	141.43	14.0	1,151.6
		Small Order Charge						0.00	0.00	14.0	0.0
		Freight Charge						0.00	0.00	14.0	0.0
				Total	1			1,010.20	141.43		1,151.6

Volume:	0.026
Gross Weight:	2.359
Net Weight:	2.170

TD 013 One Health Epidemiology Training - Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015 – 11/15/2016

CLIN 1002 – Labor

Program Manager:
Metabiota Regional Africa Program Manager (b)(6) led regular communications with in country performer, CDC-Uganda and DTRA CBEP Uganda. He provided project and programmatic oversight to the submission of all travel and training related CDRLs and contractual requirements associated with training implementation.

Research and Data Analyst:
Metabiota Project Coordinator (b)(6) provided support to (b)(6) during all communications with CDC Uganda and DTRA CBEP Uganda representation (b)(6) also worked closely with Metabiota Travel Coordinator (b)(6) to support the finalization of travel arrangements for the project team.

Trainer 1:
Metabiota Program Manager and epidemiology subject matter expert (b)(6) provided technical training support to One Health Epidemiology (OHE) training implementation for Cohort 11 Module 1. He traveled from Washington, DC to Fort Portal Uganda for this effort. (b)(6) served as an epidemiologist Trainer 1 during this time and took observational minutes of all training presentations. During this time, (b)(6) served as the field team lead throughout the training event. (b)(6) reported all project activates back to Metabiota AEP leadership and maintained consistent communication with DTRA CBEP representation as needed.

Subject Matter Expert 3:
Metabiota Senior Advisor (b)(6) attended bi-weekly stakeholder calls and attended pre-travel meetings while contributing expert advice to lessons learned and the general technical training approach.

(b)(6) traveled to Uganda from Washington, DC to support the implementation of Cohort 11 module 1 training in Fort Portal, Uganda. (b)(6) served as both a presenter and a training mentor during this training event and evaluated both the materials and the presentation of information in an effort to ensure both accuracy and consistency. (b)(6) provided expertise and oversite during all pre-training meetings, and during exercise breakout sessions.

AFRICOM FLN-1:
Epidemiologist, (b)(6) served, as a lead trainer in support the implementation of Cohort 11 Module 1 training in Fort Portal, Uganda. He was tasked to provide both leadership and support to other OHE trainers and to provide lectures to all OHE training participants during the exercises and

presentations. (b)(6) was tasked to travel from his home base in Kampala Uganda to Fort Portal in support of the training event.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
DBA was applied for the in country performers at a FOIA (b)(4) total compensation.

CLIN 1005 – Travel
Travel costs incurred this period include airfare, ground transportation and visa fees for FOIA (b)(6) FOIA (b)(6) to travel to Uganda and execute the training. A refund for 1 room for a trainer that was unable to attend has also been applied to this invoice.

Metabiota						
TD 013 One Health Epi						
CLIN 1002 Labor						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(6)	Program Manager	(b)(6)	0.00	$-	333.50	$46,336.49
	Program Manager		0.00	$-	3.00	$416.82
	Program Manager		0.00	$-	61.00	$8,475.34
	Research and Data Analyst		0.00	$-	419.00	$32,246.24
	Research and Data Analyst		0.00	$-	17.50	$1,346.80
	Research and Data Analyst		0.00	$-	60.00	$4,617.60
	Subject Matter Expert 1		0.00	$-	16.00	$2,022.88
	Subject Matter Expert 3		0.00	$-	252.50	$63,857.25
	Trainer 1		0.00	$-	246.00	$31,101.78
	Trainer 1		0.00	$-	148.00	$18,711.64
	AFRICOM FLN 1		0.00	$-	180.00	$4,003.20
	Trainer 3		0.00	$-	81.00	$17,811.90
	Program Manager		5.50	$750.04	23.00	$3,136.51
	Research and Data Analyst		35.00	$2,643.90	66.00	$4,985.64
	Subject Matter Expert 3		47.00	$11,666.34	47.00	$11,666.34

(b)(6)	AFRICOM FLN I	2 (b)(4); (b)(6)	[illegible]	$1,334.40	[illegible]	$1,334.40
	Trainer I	9	40.00	$4,963.60	40.50	$5,025.65
	Total CLIN 1002		**187.50**	**$21,358.28**	**2054.00**	**$257,096.48**
	CLIN 1003 Materials					
	Transaction Description			**CURRENT INVOICE**		**CUMULATIVE INVOICED**
		FOIA (b)(4)		$-		$497.15
				$-		$26.20
	Total CLIN 1003			**$-**		**$523.35**
	CLIN 1004 ODC					
	Transaction Description			**CURRENT INVOICE**		**CUMULATIVE INVOICED**
	DBA	FOIA (b)(4)		$289.63		
				$88.57		
	Total CLIN 1004			**$378.20**		**$801.88**
	CLIN 1005 Travel					
	Transaction Description			**CURRENT INVOICE**		**CUMULATIVE INVOICED**
	Airfare			$4,109.84		
	Lodging Refund			-$550.00		
	Ground Transport			$762.18		
	Visa Fee			$380.88		
				$527.75		
(b)(6)				$492.75		
	Total CLIN 1005			**$5,723.40**		**$47,678.83**
	TOTAL INVOICE			**$27,459.87**		**$306,100.53**

Completed by Program Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	to Apply to program
TD 01 Cameroon PPE	01021.02.001.PPE.04		EMP	17.00	$ 24.74
TD 01 Cameroon PPE	01021.02.001.PPE.04		EMP	0.00	$
TD 01 Cameroon PPE	01021.02.001.PPE.04		EMP	2.00	$ 7.21
TD 01 Cameroon PPE	01021.02.001 PPE.04		EMP	0.00	$
TD 01 Cameroon PPE	01021.02.001 PPE.04		C	0.00	$
TD 01 Cameroon PPE Total					$ 31.95
TD 09 NHLS	01021.02.009.NHL.04		Sub	20.00	$ 45.50
TD 09 NHLS	01021.02.009.NHL.04		Sub	5.00	$ 11.38
TD 09 NHLS	01021.02.009.NHL.04		Sub	5.00	$ 7.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	25.00	$ 52.50
TD 09 NHLS Total					$ 116.38
TD 13 OHE	01021.02.013.OHE.04		EMP	47.00	$ 75.98
TD 13 OHE	01021.02.013 OHE.04		EMP	40.50	$ 38.43
TD 13 OHE	01021.02.013 OHE.04		EMP	47.00	$ 169.44
TD 13 OHE	01021.02 013 OHE.04		C	60.00	$ 5.78
TD 13 OHE Total					$ 289.62
TD 18 Georgia Genomics	01021.02 018.GGM.04		Sub	112.00	$ 431.20
TD 18 Georgia Genomics Total					$ 431.20
TD 19 Georgia Micro	01021.02.019 GMC 04		EMP	94.50	$ 198.78
TD 19 Georgia Micro Total					$ 198.78
TD 21 Iraq FETP	01021.02.021.IFE.04		IC	70.00	$ 122.50
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	40.00	$ 86.45
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	40.00	$ 72.04
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	40.00	$ 72.04
TD 21 Iraq FETP	01021.02.021.IFE.04		SUB	20.00	$ 32.25
TD 21 Iraq FETP	01021.02.021.IFE.04		C	40.00	$ 105.00
TD 21 Iraq FETP Total					$ 490.29
TD22 Uganda BSV	01021.02.022.BSV 04		Sub	112.50	$ 472.50
TD22 Uganda BSV	01021.02.022.BSV 04		Sub	112.50	$ 295.31
TD22 Uganda BSV Total					$ 767.81
TD 023 OHE South Africa	01021.02.023.OSA 04	(b)(6)	Sub	25.00	$ 123.38
TD 023 OHE South Africa Total					$ 123.38
Grand Total					$ 2,445.40

FOIA (b)(4)

Subject: FW: Rwanda - Entebbe (b)(6)
Date: Monday, August 29, 2016 at 2:24:59 PM Eastern Daylight Time
From:
To: (b)(6)

(b)(6) **31JUL KGL**

This document is automatically generated.
Please do not respond to this mail.

INVOICE 0000079942
DATE 31JULY16
BOOKING REF Y8OL9O
AGENT MW/AM

METABICTA INC
425 CALIFORNIA STREET
SUITE 2C0
CA 94104
US

(b)(6)
10712 DEBORAH DR
POTOMAC MD 20854

ACCOUNT NUMBER MBA

SERVICE	DATE	FROM	TO	DEPART	ARRIVE
RWANDAIR EXPRESS	31JUL	KIGALI	ENTEBBE	800P	950P
WB 420	SUNDAY	INTERNATIONAL	ENTEBBE INTL		
V ECONOMY					
NON SMOKING		SNACK		NON STOP	
		RESERVATION CONFIRMED		0:50 DURATION	
	AIRCRAFT:	CANADAIR REGIONAL JET			

TICKET PAYMENT: VI XXXXXXXXXXXX4577

30
41

Subject: FW: Rwanda (b)(6)
Date: Monday, August 29, 2016 at 2:24:37 PM Eastern Daylight Time
From:
To: (b)(6)

(b)(6) **31JUL KGL**

This document is automatically generated.
Please do not respond to this mail.

INVOICE 000C079940
DATE 31JULY16
BOOKING REF BJJV2E
AGENT MW/AM

FOIA (b)(6)

SERVICE	DATE	FROM	TO	DEPART	ARRIVE
RWANDAIR EXPRESS	31JUL	KIGALI	ENTEBBE	800P	950P
WB 420	SUNDAY	INTERNATIONAL	ENTEBBE INTL		
V ECONOMY					
NON SMOKING		SNACK		NON STOP	
		RESERVATION CONFIRMED		0:50 DURATION	
	AIRCRAFT:	CANADAIR REGIONAL JET			

AIR FARE	117.00
TAXES AND AIRLINE IMPOSED FEES	65.00
AIR TOTAL USD	182.00
PROCESSING FEE USD	43.00
INVOICE TOTAL:USD	225.00

TICKET PAYMENT: VI XXXXXXXXXXXX4577
MCO PAYMENT: VI XXXXXXXXXXXX4577 0554 MARTYN/CALLA RENE ZVA

RESERVATION NUMBER(S) DL/H5TAAC KL/BJJV2E WB/H76PW

ETKT:HR 169 7895591548 (b)(6)
SVC: 890 0686317289 (b)(6) ZVALO

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY
OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street Suite 203
Gaithersburg, MD 20878
Phone (301) 948-2448

METABIOTA@UNIGLOBE-KENTLANDS.COM

Passenger(s):	(b)(6) FOIA (b)(6)	**Booking Ref.:**	BJJV2E
Invoice No.:	79101~79102	**Agent:**	(b)(6)
Issue Date:	Thursday, June 23, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	(b)(6) FOIA (b)(6)

- If you would like to view your reservation online with Check My Trip Click Here
- For Aircraft Disinsection Requirements Click Here

AIR - Friday July 29 2016

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL652)

Check In Confirmation: H5TAAC

Depart:	5 50 PM, Friday, July 29 Dulles Intl Arpt Washington District of Columbia USA	**Arrive:**	7 20 AM, Saturday, July 30 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Boeing 777-200/ 200ER	**Stops:**	Non-stop
Duration:	7 hours 30 minutes		
Seat:	FOIA (b)(6)		
FF Number:			
Meal:	Dinner		
Spcl. Service:	Corporate Client Code Used By All GDSs FOIA (b)(6)		
Remarks:	Not eligible for web check in		

Weather Flight Status *(*up to 3 days prior)*

AIR - Saturday July 30 2016

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: H5TAAC

Depart:	10.45 AM, Saturday, July 30 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	10 20 PM, Saturday July 30 Entebbe Intl Airport Entebbe Uganda
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Kigali
Duration:	10 hours 35 minutes	**Seat:**	Assigned at Check In
FF Number:	AF1021849414-Gonzalez/Jean Paul Joseph		
Meal:	Lunch		

Spcl. Service:	Corporate Client Code Used By All GDSs	FOIA (b)(6)
Remarks:	Airport ck in for seating at this time Not eligible for web check in	

Weather **Flight Status** *(*up to 3 days prior)*

AIR - Saturday August 6 2016

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation:
H5TAAC

Depart:	11:35 PM, Saturday, August 6 Entebbe Intl. Airport Entebbe, Uganda	**Arrive:**	6 55 AM Sunday August 7 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	U (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 20 minutes		
Seat:	FOIA (b)(6)		
FF Number:			
Meal:	Breakfast		
Spcl. Service:	Corporate Client Code Used By All GDSs	FOIA (b)(6)	
Remarks:	Not eligible for web check in		

Weather **Flight Status** *(*up to 3 days prior)*

AIR - Sunday August 7 2016

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation:
H5TAAC

Depart:	1 25 PM Sunday, August 7 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3 55 PM Sunday, August 7 Dulles Intl Arpt Washington, District of Columbia USA
Status:	Confirmed		
Booking Code:	U (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	8 hours 30 minutes		
Seat:	FOIA (b)(6)		
FF Number:			
Meal:	Lunch		
Spcl. Service:	Corporate Client Code Used By All GDSs	FOIA (b)(6)	
Remarks:	Not eligible for web check in		

Weather **Flight Status** *(*up to 3 days prior)* **Dining Reservations**

Invoice Details

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7816708313		1050 00	736 92	1786 92
FOIA (b)(6)				
	Form of Payment: AX XXXXXXXXXXXXX2327			
Delta Air Lines / 006 7816708314		1050 00	736 92	1786 92
FOIA (b)(6)				
	Form of Payment: AX XXXXXXXXXXXXX2327			
Processing Fee / 890 0686101857		43 00		43 00
FOIA (b)(6)				
	Form of Payment: AX XXXXXXXXXXXXX2327			
Processing Fee / 890 0686101858		43 00		43 00
FOIA (b)(6)				
	Form of Payment: AX XXXXXXXXXXXXX2327			
	Totals:	2186 00	1473 84	USD 3659 84

Total Charged to Credit Card: USD 3659 84
Balance Due: USD 0 00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines Please visit the link below to view the allowances and possible fees for your trip

- Baggage Fees/Allowances

Important Information

• Fare $1786 84 pp your reservation number with Delta Air Lines is H5TAAC Delta Air Lines contact phone number is 1-800-221-1212

• Baggage charges may apply For more info Please visit
• klm royal dutch airlines-www.klm.Com
baggage allowance-Specific size/weight restrictions vary between airlines Excess charges may apply if exceeded

• Please check in at least 3 hours prior to departure Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier Confirm with your carrier to avoid denied boarding

• A valid passport is required for your journey Passport must be valid at least 6 months beyond intended stay

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points They must fit in one quart sized clear plastic zip-top bag Visit www.tsa.gov

• CITIZENS OF USA REQUIRE A VISA FOR UGANDA

• This is an electronic ticket valid only on issuing airline

• Passport and Etkt itinerary required for check in Boarding passes required prior to entering security

• View your itinerary at www.checkmytrip.Com use your last name and trip locator 8JJV2E

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: It is not possible to make new reservations with the after hours service. Emergency travel assist collect in Netherlands/Uganda 416. -928-5404

Invoice No: 79101~79102

access more

Federal law forbids the carriage of certain hazardous materials such as aerosols fireworks and flammable liquids aboard the aircraft. If you do not understand these restrictions contact your airline or go to http //www faa gov/about/initiatives/hazmat_safety/

For Aircraft Disinsection Requirements http //ostpxweb dot gov/policy/safetyenergyenv/disinsection htm

{1:F01KCBLUGKAAXXX.SN...ISN.}{2:I103BKTRUS33XXXXN}{3:{108:xxxxx}}{4:
:20:FT1624385YGQ
:23B:CRE
:32A:160830USD550,00
:50K:/2200287795
/2200287795
FORT MOTEL
PLOT 2 LUGARD RD BEOMA FORT PORTAL
:52A:KCBLUGKA
:57A:/D
WFBIUS6S
:59:/4125636829
MEDABIOTA INC
425 CALIFORNIA STREET SUITE 200
SAN FRANCISCO CA 94104 US
:70:REFUND OF ACCOMODATION
:71A:OUR
-}

Refund of $550

Certified True Copy of the Original
For KCB UGANDA LTD
(b)(6)
Personal Banker
EST MALL BR

ALPHA & OMEGA TOURS AND TRAVEL LTD.

P O BOX 16038 Wandegeya
Tel +256 772 509798 / 0772 380148 /0772508322
Email alom@infocom co ug

No. 0736

INVOICE

M/s. (b)(6) [redacted]

Date 5 Aug 16

Del. No.

Qty	Particulars	Rate	Amount
	Payment for Transportation.		
-	31 July - 6 Aug. 7 days	$75	$525
-	31 July 2nd trip to the Airport	$50	$50
-	5 Aug - Vehicle from Fort portal to Entebbe	$75	$75
-	Fuel for the trip	$60	$60
	$ 710 EQUIVALENT		
E. & O.E	UGX 2,414,000/=		
		TOTAL	$710

$575 OKE UG

$135 TDOO

Accounts are due on demand

Name (b)(6) [redacted] Signature (b)(6) [redacted]

575
45.72
43.52
97.94

Ground Transport 762.18

Gmail

(b)(6)

Your Friday afternoon trip with Uber

1 message

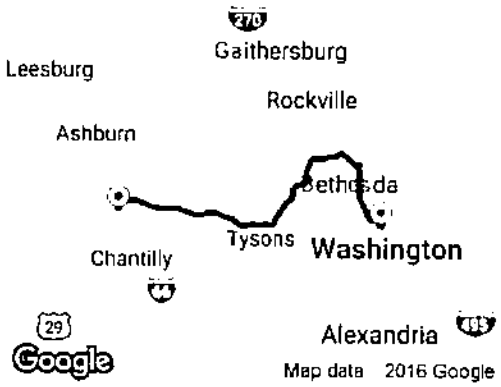
Uber Receipts <noreply@uber.com>
To: (b)(6)

Fri, Jul 29, 2016 at 11:11 PM

JULY 29, 2016

$45.72

Thanks for choosing Uber, FOIA (b)(6)



FARE BREAKDOWN

Trip fare		55.72
Subtotal		**$55.72**
	Promotion	-10.00
CHARGED Personal •••• 4225		**$45.72**

03:00pm
FOIA (b)(6)

04:09pm
1 Saarinen Cir, Sterling, VA

CAR	MILES	TRIP TIME
uberX	32.18	01:08:51

(b)(6)

You rode with Deuck

Gmail

(b)(6)

Your Sunday afternoon trip with Uber

1 message

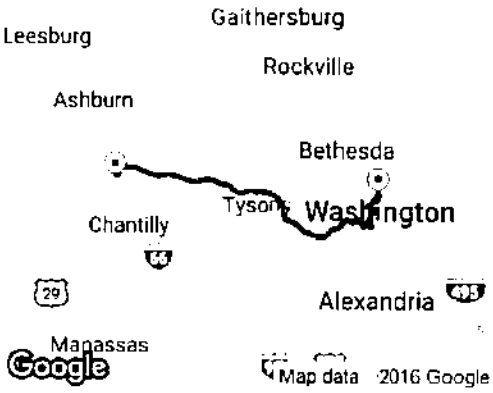
Uber Receipts <uberus@uber.com>
To: (b)(6)

Sun, Aug 14, 2016 at 5:34 PM

AUGUST 14, 2016

$43.52

Thanks for choosing Uber, FOIA (b)(6)



FARE BREAKDOWN

Trip fare	43.52
Subtotal	**$43.52**

CHARGED

Personal •••• 4225 **$43.52**

04:52pm
1 Saarinen Cir, Sterling, VA

05:33pm
FOIA (b)(6)

uberX	29.34	00:40:38

(b)(6)

You rode with BAKHODIR

RATE YOUR DRIVER

BLACKLANE

Blacklane GmbH Feurigstraße 59 10827 Berlin www.blacklane.com

(b)(6)

Germany

Customer no.	477130
Booking no.	20160915-6709318
Booking date	2016-09-15
Invoice no.	US0176044KE
Invoice date	2016-09-17

Invoice

Position	Amount	Description	Price
1	1	Transfer Ride starting at 16/09/2016, 13:30 from FOIA (b)(6) to Washington Dulles International Airport (IAD), Saarinen Circle 1, VA 20166 Washington, Sterling (Business Class)	97.94 USD
		Price total	97.94 USD

The amount will be charged to your credit card: **********1212.

No VAT-duty in Germany.

Thank you very much for using our services. We are looking forward to welcoming you again soon.

Best regards,
Your Blacklane team

Contact (b)(6)
Phone (b)(6)

Order Date • **07/12/2016**
TDS Order # **139943**

Sold To:
Metabaiota
425 California street
suite 200
San Francisco, CA 94104 US
2023208338

Ship To.
Metabiota Inc
(b)(6)
425 California street
suite 200
San Francisco, CA 94104 US
2023208338

Service	TDS Fee	Gov't Fee**	Item Total
(b)(6) Departure:07/29/2016			
Uganda: Multiple Entry Visa 6 months, Business, 4-5 Business Days	$79 00	$105 00	$184 00
(b)(6) Departure:07/22/2016			
Uganda: Multiple Entry Visa 6 months, Business, 4-5 Business Days	$79 00	$105 00	$184 00
Return Shipping **Client Pickup**			$0 00

Subtotal $368 00
Shipping $0 00
Order Fees $0 00
Discount $0.00
Finance Fee $12 88
Total $380 88
Total Received $380 88
Balance Due $0 00

Objectives
Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15 – 11/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) held calls and email communications with DTRA/A&AS to discuss project status (b)(6) further held calls with University of Florida to discuss work on this project and contractual issues. (b)(6) also participated in CBR project calls.

Subject Matter Expert 1:
(b)(6) participated in calls and email communications with DTRA/A&AS to discuss project status (b)(6) further held calls with University of Florida to discuss work on this project and contractual issues.

Subject Matter Expert 2:
(b)(6) participated in CBR project calls and identified and on boarded new staff to conduct GIS analyses on the three CBR projects GG-19, -20, and -27. (b)(6) also participated in calls and email communications with (b)(6) to discuss future work on this project. (b)(6) provided guidance to (b)(6) worked with (b)(6) on developing new count model approaches for mapping the distribution of primary tularemia hosts on GG-19. He also worked with (b)(6) on developing the plans for the anthrax modeling efforts for GG-27/AJ TAP-11.

Research and Data Analyst:
(b)(6) participated in CBR project calls for this effort. (b)(6) worked on analyzing the GG-19 data set and the transition from ArcGIS to QGIS. (b)(6) also set up GoToMeeting calls as well as developed training materials for the GG-19 team. KT Haase worked on implementing analytical routines in R which had initially been built in Excel to both accelerate the analyses and streamline workflows. (b)(6) worked with (b)(6) on developing plans for the anthrax modeling efforts for GG-27/AJ TAP-11.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No ODC costs are invoiced this period.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota						
TD 016 Georgia GIS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Objectives
Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/15 – 11/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) ld email and phone communications with (b)(6) to discuss ongoing issues including the labor category for (b)(6) o conducted email communications with DTRA/A&AS to communicate project status and discuss the onboarding and labor category for (b)(6)

Subject Matter Expert 1:
(b)(6) participated in email and phone communications with (b)(6) o discuss ongoing issues (b)(6) also participated in communications with DTRA/A&AS to communicate project status and discuss the onboarding and labor category for (b)(6)

Subject Matter Expert 2:
(b)(6) participated in email and phone communications with (b)(6) and (b)(6) to discuss project status and issues such (b)(6) abor category (b)(6) also provided written reporting to (b)(6) worked with (b)(6) to bring her up to speed on the project. (b)(6) held Skype meetings with mentees to continue progress on Grantsmanship mentoring and prepare them for the in-country mentoring session. (b)(6) (b)(6) helped (b)(6) etter understand how to prepare responses to ISTC questions, and mentored (b)(6) n abstract writing and the pre-coordination process for the DTRA BAA. [redacted] executed pre-travel preparation including booking flights and lodging.

Trainer 2:
(b)(6) performed all required trainings for DTRA-compliant travel to Georgia. She was also brought up to speed on the project by (b)(6) and reviewed all the current project documents and materials. (b)(6) participated in Skype meetings with mentees to continue progress on Grantsmanship mentoring and prepare them for the in-country mentoring session. (b)(6) xecuted pre-travel arrangements including booking flights and lodging.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No ODC costs are invoiced this period.

CLIN 1005 – Travel
Travel costs were incurred by Avila Scientific for implementation of in country mentorship.

Metabiota						
TD 017 Georgia SME						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

AVILA SCIENTIFIC

EXPENSE REPORT

Name (b)(6) [redacted]

Employee ID 16013

Expense Report 160[illegible]2

M&IE [illegible]

GSA Mileage $0.54 per mile

Country Name	Primary Destination	County	Season End	Maximum Lodging Rate	M & IE Rate	Maximum Per Diem Rate
GEORGIA	Tbilisi		31 Dec 16	$ 236.00	$ 105.[illegible]	$ 341.[illegible]

AMOUNT DUE BTRIC: $ [illegible]

AMOUNT DUE MP: $ 1,237.23

TRIP	TRAVELLER	TOTAL	START DATE	END DATE	DEFAULT LOCATION	DESCRIPTION
Georgia, September 2016	FOIA (b)(6)	$ 2,474.46	9-Sep-16	18-Sep-16	Tbilisi, Georgia	BTRIC GG, JTP & CBR/TAP administration, Metabiota, Grantsmanship mentoring oversight

PROJECT	WBS	PERCENTAGE	Charge
CH2M HILL (30040-7 100253)	JTP/WEP Implementation	25.0%	$ 618.62
	CBR/TAP Administration	25.0%	$ 618.62
Metabiota (2015-22-OTRA)	Travel	50.0%	$ 1,237.23

TOTAL	$ 2,474.46			
Date	Travel Item	Cost	Payment Type	Description
11-Aug-16	airfare	2,474.46	AMEX	Round trip airfare IAD TBS

Amount due to card 2,474.46

Amount due to employee 0.00

By signing this statement, I certify that I have followed all Avila Scientific company expense reporting policies.

Expense report submitted by [redacted] Date 8/11/2016

Expense report approved by (b)(6) Date 8/11/2016

(b)(6)

From: FOIA (b)(6)
Sent: Thursday, September 01, 2016 6:43 PM
To: (b)(6)
Subject: FW: eTicket Itinerary and Receipt for Confirmation CPJXQC

From: United Airlines, Inc. [mailto:unitedairlines@united.com]
Sent: Thursday, August 11, 2016 8:26 AM
FOIA (b)(6)
Subject: eTicket Itinerary and Receipt for Confirmation CPJXQC

Receipt for confirmation CPJXQC

UNITED | A STAR ALLIANCE MEMBER

United logo link to home page

Confirmation: CPJXQC

Check-In

Issue Date: August 11, 2016

Traveler information

	eTicket Number	Frequent FlyerNumber	Seats
(b)(6)	0162313789226		20D/---/---/---/---

FLIGHT INFORMATION

Day, Date	Flight	Class	Departure City and Time	Arrival City and Time	Aircraft	Meal
Fri, 02SEP16	UA4621	Q	ROANOKE, VA (ROA) **5:20 PM**	CHICAGO, IL (ORD - O'HARE) **6:12 PM**	ERJ-145	

Flight operated by TRANS STATES AIRLINES doing business as UNITED EXPRESS

Fri, 02SEP16	UA8854	Q	CHICAGO, IL (ORD - O'HARE) **9:20 PM**	MUNICH, GERMANY (MUC) **1:05 PM (03SEP)**	A-340	Meal

Flight operated by LUFTHANSA
If this is an originating flight on your itinerary, please check in at the LUFTHANSA ticket counter

Sat, 03SEP16	UA8756	Q	MUNICH, GERMANY (MUC) **9:50 PM**	TBILISI GE (TBS) **3:35 AM (04SEP)**	A-320	Meal

Flight operated by LUFTHANSA
If this is an originating flight on your itinerary, please check in at the LUFTHANSA ticket counter

Sat, 17SEP16 UA8755 U	TBILISI GE (TBS) **4:35 AM**	MUNICH, GERMANY (MUC) **6:45 AM**	A-321	Breakfast

Flight operated by LUFTHANSA
If this is an originating flight on your itinerary please check in at the LUFTHANSA ticket counter

Sat, 17SEP16 UA9261 U	MUNICH, GERMANY (MUC) **12:15 PM**	CHARLOTTE, NC (CLT) **4:20 PM**	A-330	Meal

Flight operated by LUFTHANSA
If this is an originating flight on your itinerary please check in at the LUFTHANSA ticket counter

FARE INFORMATION

Fare Breakdown

- Airfare:

Form of Payment:
AMERICAN EXPRESS
Last Four Digits 1002

2,335.00

USD

- U.S. Customs User Fee:

5.50

- U.S. Immigration User Fee:

7.00

- U.S. APHIS User Fee:

3.96

- U.S. Transportation Tax:

35.60

- September 11th Security Fee:

5.60

- Germany Airport Security Charge:

7.10

- Germany Passenger Service Charge:

39.60

- Georgia Airport Tax:

22.00

- Georgia Airport Passenger Security Fee:

4.10

- U.S. Passenger Facility Charge:

9.00

- Per Person Total:

2,474.46

USD

- eTicket Total:

2,474.46

USD

The airfare you paid on this itinerary totals: 2,335.00 USD

The taxes, fees, and surcharges paid total: 139.46 USD

Fare Rules: Additional charges may apply for changes in addition to any fare rules listed.

-REFUNDABLE/CXLFEE/CHGFEE

Baggage allowance and charges for this itinerary.

Baggage fees are per traveler

Origin and destination for checked baggage	1st bag	2nd bag	Maximum weight and dimensions per piece of baggage Max wt / dim per piece
9 2 2016 Roanoke, VA (ROA) to Tbilisi GE (TBS)	0.00 USD	100.00 USD	50.0lbs (23.0kg) - 62.0in (157.0cm)
9 17 2016 Tbilisi GE (TBS) to Charlotte, NC (CLT)	0.00 USD	100.00 USD	50.0lbs (23.0kg) - 62.0in (157.0cm)

Important Information about MileagePlus Earning

AVILA
SCIENTIFIC

EXPENSE REPORT

Name: (b)(6)

Employee ID: 14002

Expense Report 1608003

M&IE http://aoprals.state.gov/web920/per_diem.asp GSA Mileage: $0.54 per mile

Country Name	Primary Destination	County	Season End	Maximum Lodging Rate	M & IE Rate	Maximum Per Diem Rate
GEORGIA	Tbilisi		31-Dec-16	$ 236.00	$ 105.00	$ 341.00

AMOUNT DUE AEP $ 1,092.18

TRIP	TRAVELLER	TOTAL	START DATE	END DATE	DEFAULT LOCATION	DESCRIPTION
Georgia: September 2016	FOIA (b)(6)	$ 2,184.36	9-Sep-16	18-Sep-16	Tbilisi, Georgia	Metabiota Grantsmanship mentoring

PROJECT	WBS	PERCENTAGE	Charge
Metabiota (2015-22-DTRA)	Travel	50.0%	$ 1,092.18

TOTAL $ 2,184.36

Date	Travel Item	Cost	Payment Type	Description
11-Aug-16	airfare	2,184.36	AMEX	Round trip airfare IAD TBS

Amount due to card: 2,184.36
Amount due to employee: 0.00

By signing this statement I certify that I have followed all Avila Scientific company expense reporting policies

Expense report submitted by (b)(6) Date 8/10/2016

Expense report approved by (b)(6) Date 8/11/2016

Receipt for confirmation BQYTDP

UNITED A STAR ALLIANCE MEMBER

Confirmation:
BQYTDP
Check-In >

Issue Date: August 10, 2016

(b)(6)

eTicket Number	Frequent Flyer	Seats
0162313656921	UA XXXXX751 Premier Gold / *G	1A/---/---/---/---/1A

FLIGHT INFORMATION

Day, Date	Flight	Class	Departure City and Time	Arrival City and Time	Aircraft	Meal
Fri, 02SEP16	UA4621	Q	ROANOKE, VA (ROA) **5:20 PM**	CHICAGO, IL (ORD - O'HARE) **6:12 PM**	ERJ-145	
Flight operated by TRANS STATES AIRLINES doing business as UNITED EXPRESS.						
Fri, 02SEP16	UA8854	Q	CHICAGO, IL (ORD - O'HARE) **9:20 PM**	MUNICH, GERMANY (MUC) **1:05 PM (03SEP)**	A-340	Meal
Flight operated by LUFTHANSA. If this is an originating flight on your itinerary, please check in at the LUFTHANSA ticket counter.						
Sat, 03SEP16	UA8756	Q	MUNICH, GERMANY (MUC) **9:50 PM**	TBILISI GE (TBS) **3:35 AM (04SEP)**	A-320	Meal
Flight operated by LUFTHANSA. If this is an originating flight on your itinerary, please check in at the LUFTHANSA ticket counter.						
Sat, 24SEP16	UA8755	Q	TBILISI GE (TBS) **4:35 AM**	MUNICH, GERMANY (MUC) **6:45 AM**	A-321	Breakfast
Flight operated by LUFTHANSA. If this is an originating flight on your itinerary, please check in at the LUFTHANSA ticket counter.						
Sat, 24SEP16	UA8785	Q	MUNICH, GERMANY (MUC) **3:35 PM**	WASHINGTON, DC (IAD - DULLES) **7:00 PM**	A-330	Meal
Flight operated by LUFTHANSA. If this is an originating flight on your itinerary, please check in at the LUFTHANSA ticket counter.						
Sat, 24SEP16	UA4784	Q	WASHINGTON, DC (IAD - DULLES) **10:10 PM**	ROANOKE, VA (ROA) **11:16 PM**	ERJ-145	
Flight operated by TRANS STATES AIRLINES doing business as UNITED EXPRESS.						

FARE INFORMATION

Fare Breakdown	
Airfare:	2,035.00USD
U.S. Customs User Fee:	5.50
U.S. Immigration User Fee:	7.00
U.S. APHIS User Fee:	3.96
U.S. Transportation Tax:	35.60
September 11th Security Fee:	11.20
Germany Airport Security Charge:	7.10
Germany Passenger Service Charge:	39.40
Georgia Airport Tax:	22.00
Georgia Airport Passenger Security Fee:	4.10
U.S. Passenger Facility Charge:	13.50
Per Person Total:	2,184.36USD
eTicket Total:	**2,184.36USD**

Form of Payment:
AMERICAN EXPRESS
Last Four Digits 1044

The airfare you paid on this itinerary totals: 2,035.00 USD

The taxes, fees, and surcharges paid total: 149.36 USD

Fare Rules:

Additional charges may apply for changes in addition to any fare rules listed.

-REFUNDABLE/CXLFEE/CHGFEE

Baggage allowance and charges for this itinerary.

TD 018 Georgia Visiting Scientist Genomics

Objectives
Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 08/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) held email and phone communications with (b)(6) to discuss ongoing issues. (b)(6) also conducted email communications with DTRA/A&AS to communicate project status. In particular, (b)(6) pulled together financial estimates for extending TD-018 through 15 November 2016. (b)(6) reviewed and approved subcontract modification documents.

Subject Matter Expert 1:
(b)(6) participated in email and phone communications with (b)(6) to discuss ongoing issues. (b)(6) drafted subcontract modification documents for Farlow Scientific after the period of performance for this TD was extended.

Visiting Scientist
(b)(6) participated in email and phone communications with (b)(6) to discuss ongoing issues. (b)(6) provided mentorship in genomics and bioinformatics to Georgian scientists at NCDC and LMA. He continued working with NCDC staff on the comparative genomics analyses of *Francisella tularensis* strains and began guiding them to think about considerations for publication of these data. (b)(6) continued working on the draft genome assemblies for the anthrax vaccine strains. (b)(6) coordinated further discussions between LMA and NCDC regarding a potential project to sequence and compare African swine fever virus (ASFV) strains and assisted LMA scientists in generating an abstract for consideration by DTRA.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
DBA costs are applied for FOIA (b)(6) total compensation.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota						
TD 018 Georgia Genomics						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Program Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	FOIA (b)(4) Total Hours	to Apply to program
TD 01 Cameroon PPE	01021.02.001 PPE.04		EMP	17.00	$ 24.74
TD 01 Cameroon PPE	01021.02.001 PPE.04		EMP	0.00	$
TD 01 Cameroon PPE	01021.02.001 PPE.04		EMP	2.00	$ 7.21
TD 01 Cameroon PPE	01021.02.001 PPE.04		EMP	0.00	$
TD 01 Cameroon PPE	01021.02.001 PPE.04		K	0.00	$
TD 01 Cameroon PPE Total					**$ 31.95**
TD 09 NHLS	01021.02.009 NHL.04		Sub	20.00	$ 45.50
TD 09 NHLS	01021.02.009 NHL.04		Sub	5.00	$ 11.38
TD 09 NHLS	01021.02.009 NHL.04		Sub	5.00	$ 7.00
TD 09 NHLS	01021.02.009 NHL.04		Sub	25.00	$ 52.50
TD 09 NHLS Total					**$ 116.38**
TD 13 OHE	01021.02.013 OHE.04		EMP	47.00	$ 75.98
TD 13 OHE	01021.02.013 OHE.04		EMP	40.50	$ 38.43
TD 13 OHE	01021.02.013 OHE.04		EMP	47.00	$ 169.44
TD 13 OHE	01021.02.013 OHE.04		IC	60.00	$ 5.78
TD 13 OHE Total					**$ 289.62**
TD 18 Georgia Genomics	01021.02.018 GGM.04		Sub	112.00	$ 431.20
TD 18 Georgia Genomics Total					**$ 431.20**
TD 19 Georgia Micro	01021.02.019 GMC.04		EMP	94.50	$ 198.78
TD 19 Georgia Micro Total					**$ 198.78**
TD 21 Iraq FETP	01021.02.021 IFE.04		IC	70.00	$ 122.50
TD 21 Iraq FETP	01021.02.021 IFE.04		SuB	40.00	$ 86.45
TD 21 Iraq FETP	01021.02.021 IFE.04		SuB	40.00	$ 72.04
TD 21 Iraq FETP	01021.02.021 IFE.04		SuB	40.00	$ 72.04
TD 21 Iraq FETP	01021.02.021 IFE.04		S..B	20.00	$ 32.25
TD 21 Iraq FETP	01021.02.021 IFE.04		IC	40.00	$ 105.00
TD 21 Iraq FETP Total					**$ 490.29**
TD22 Uganda BSV	01021.02.022 BSV.04		Sub	112.50	$ 472.50
TD22 Uganda BSV	01021.02.022 BSV.04		Sub	112.50	$ 295.31
TD22 Uganda BSV Total					**$ 767.81**
TD 023 OHE South Africa	01021.02.023 OSA.04	(b)(6)	Sub	25.00	$ 123.38
TD 023 OHE South Africa Total					**$ 123.38**
Grand Total					**$ 2,449.40**

TD 019 Georgia Visiting Scientist Microbiology

Objectives
Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 11/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) eld email and phone communications with (b)(6) to discuss ongoing issues. D (b)(6) also conducted email communications with DTRA/A&AS to communicate project status.

Subject matter 1:
(b)(6) participated in email and phone communications with (b)(6) rner to discuss ongoing issues.

Visiting Scientist
(b)(6) participated in email and phone communications with (b)(6) to discuss ongoing issues. (b)(6) provided mentorship to Georgian scientists at NCDC and LMA. He worked with the GG-19 PI at NCDC to discuss expanding the media qualification report and explain the importance of including statistical analysis. (b)(6) also met with the LMA Director to discuss and begin planning for mentorship on the detection and identification of *Brucella* spp. through bacteriological techniques. He also helped LMA staff to coordinate a visit from a technician from (b)(6) Labs to work through some issues with their new FPA (fluorescence polarization assay) devices. He also reviewed, advised, and/or provided inputs to Georgian scientists on abstracts, reports. and SOPs.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
DBA costs are applied for FOIA (b)(4) total compensation.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota						
TD 019 Georgia Microbiology						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Program Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	3.5% to Apply to program
TD 01 Cameroon PPE	01021.02 001.PPE.04	(b)(4); (b)(6)			

(b)(4); (b)(6)

TD 021 Field Epidemiology Training - Iraq

Objectives

Conduct remote trainings on epidemiology and BS&S Biorisk management for one cohort of Iraqi scientists, and also engage them to familiarize them with the Iraq National Biological Emergency Response Plan and work on a gap analysis of said plan Conduct remote trainings on epidemiology for a second cohort.

Period of Performance: 02/19/16 - 11/15/16

CLIN 1002 – Labor

Prog PMs (b)(6) have supported all project activities to date. PMs participated in routine meetings with DTRA CBEP and A&AS teams to facilitate updates and activities according to the project schedule, discuss challenges faced, and support routine implementation and tracking of project deliverables. The PMs have maintained visibility with DTRA CBEP on project status and have offered solutions to address project obstacles.

(b)(6) continued to work closely with CBEP POCs as well as in-country and Watermark Risk Management International (WRMI) SMEs to facilitate communication, receive training materials, review BS&S needs, and participate in routine project meetings and calls to support this engagement. (b)(6) provided a general review of WRMI's submitted course materials for the BS&S Remote Course, and BS&S components of the hands-on-training (HOT) course. (b)(6) reviewed epidemiology training materials, and provided subject matter expertise in conducting the NBERP gap analysis. (b)(6) coordinated and secured travel to attend the NBMC for presentation of the gap analysis, and assisted in the development of PowerPoint slides for presentation at this meeting. He participated in routine project calls with BS&S and Epidemiology Trainers and provided technical support and guidance as needed. In addition, Dr. Lee participated in the epidemiology trainings and provided administrative assistance, as needed to facilitate the training sessions.

(b)(6) continued to manage administrative components to include project schedule, LOE, budget, and delivery and submission of CDRLs. (b)(6) approved purchases of selected course materials, supported copyright permissions tracking. She executed and completed contractual requirements, to include execution of consulting agreements, subcontracts, and contract modifications to facilitate project efforts. She participated in routine project calls with the epi and BS&S teams, and has taken part in the Learning Management System (LMS) and Zoom training. (b)(6) assisted in review and submission of the developed training materials, and uploading of approved materials to the LMS site. In addition, she continues to work with the project team to coordinate CLS logistics requirements (via CDRL submission), as well as the transfer, storage, and use of all materials being procured in country to support the HOT course, to include completion of the Transfer of Materials (TOM). (b)(6) participated in the epidemiology trainings and provided administrative assistance, as needed to facilitate the training sessions, to include attendance tracking, uploading of resources, recorded videos, and troubleshooting.

Subject Matter Expert 1:

SMEs [redacted] supported project activities in direct coordination with PMs. They participated in routine project calls, meetings, and assisted in the engagement of the project team.

[redacted] supported WRMI in the development of BS&S training components. She provided a review of the revised WRMI course materials for the BS&S course, as well as the HOT course, and provided feedback to the team. [redacted] assisted in the execution of the gap analysis and presentation of findings to be delivered at the NBMC. [redacted] participated in routine communication with WRMI, PC and PMs.

The Project Coordinator, [redacted] supported the PMs through the maintenance of the project schedule, preparation of CDRL requirements, communication with and coordination of BS&S and Epidemiology technical teams, LOE review, material review and procurement, maintenance of project visibility to CBEP POCs and stakeholders, and coordination of routine project conference calls and meetings with technical teams and CBEP POCs. [redacted] established and participated in the LMS and Zoom trainings. She continued submission of training materials for technical review and public affairs approval and continued to coordinate submission of CDRLs and routine calls with the project team and SMEs. [redacted] participated in the epidemiology trainings and provided administrative assistance, as needed to facilitate the training sessions, to include tracking of attendance, uploading of resources, recorded videos, and troubleshooting. In addition, [redacted] coordinated and submitted LOIs to all participants and secured course participation by the cohorts. She continued to monitor and support training enrollment and participation, as well as coordination with URC and [redacted] to implement the project.

Epidemiology SMEs, [redacted] participated in routine project calls and regular email communications with Metabiota PC and PMs. They worked with the epidemiology team to complete development of epidemiology training materials and development of the course schedule, to include trainer delivery of each course and module. [redacted] completed responses and revisions to the epidemiology training materials following feedback from CBEP, and completed the comments trackers for submission. In addition, [redacted] continued to facilitate internal meetings with the epi team for coordination of material development, as well as provide administrative support in maintaining the epidemiology content on the LMS site. Both SMEs delivered and supported lectures during the ongoing Cohort I epidemiology training course. In addition, they sourced and provided additional resource materials for the trainees, and participated in routine conversations to improve delivery of the course and plan for the execution of Cohort II training.

University Research Co., SMEs [redacted] and [redacted] provided operational project support. They participated in routine project calls, meetings and routine email communications. They initiated in-country procurement requirements for HOT course materials and worked with vendors to identify and secure supplies. They took part in communications regarding the storage and transfer of materials, and are assisting with completion of transfer requirements necessary for the TOM. In addition, [redacted] coordinated with the Iraqi trainers and participated in routine meetings to support facilitation of the online training.

WRMI SME, [redacted], participated in routine project calls with Metabiota personnel and developed information requirements and recommendations for project execution via email and phone communications. He completed revisions to remote BS&S and HOT course materials and resubmitted

them for approval. He also participated in training on Zoom and Moodle, and began building out the BS&S training site on the LMS platform. He provided input to and began development and execution of the gap analysis. In addition, they supported development of the PP presentation to be delivered at the NBMC.

Subject Matter Expert 2:

WRMI SME (b)(6) participated in routine project calls with Metabiota personnel and developed information requirements and recommendations for project execution via email and phone communications. He completed revisions to remote BS&S and HOT course materials and resubmitted them for approval. He also participated in training on Zoom and Moodle, and began building out the BS&S training site on the LMS platform. He provided input to and began development and execution of the gap analysis. In addition, they supported development of the PP presentation to be delivered at the NBMC.

Epidemiology Trainer (b)(6) participated in routine project calls and regular email communications with Metabiota PC and PMs. She worked with the epidemiology team to complete development of epidemiology training materials.

Research and Data Analyst:

The WRMI RDA, (b)(6) provided administrative support to the WRMI project team, to include supporting copyright permission requests for all BS&S and HOT materials. She participated in Zoom and Moodle trainings, and supported the build out of the Moodle site for BS&S and epidemiology training components. In addition, she formatted BS&S and HOT materials according to CBEP guidelines, and reviewed all materials to ensure proper citation.

Iraqi POC (b)(6) participated in routine project calls with the PC, PMs, and epidemiology trainers to support project objectives, course materials, and provide in-country regional expertise to help guide engagement. He met with MoH officials to support course and CME credit approval, and assist with the transfer of materials. He assisted in the identification and communication with selected training participants and help secured their response and attendance in the training. In addition, he identified alternate participants and facilitated their inclusion in the course. He participated in the epidemiology trainings and provided feedback and support on how to improve facilitation of the online lectures.

(b)(6) participated in routine project calls with the PC, PMs, and epidemiology trainers to support the initiation and continuation of Cohort I training. He completed training in the Zoom and Moodle platforms for facilitation of the online course, and was actively engaged in facilitating the online training to include participating in discussion sessions, assisting trainees with troubleshooting, encouraging participation, and responding to questions. In addition, he provided feedback through verbal and written communications on how to enhance and improve the online training taking into consideration culture and language.

Foreign Local Nationals:

(b)(6) initiated in-country procurement activities to purchase the necessary supplies for the HOT course. He worked with the operations manager to identify vendors and begin securing bids for procurement. In addition, he provided routine training coordination supporting the Iraqi trainers in the facilitation of the Cohort I training course.

(b)(6) participated in routine project calls with the PC, PMs, and epidemiology trainers to support the initiation and continuation of Cohort I training. They completed training in the Zoom and Moodle platforms for facilitation of the online course, and were actively engaged in facilitating the online training to include participating in discussion sessions, assisting trainees with troubleshooting, encouraging participation, and responding to questions. In addition, they provided feedback through verbal and written communications on how to enhance and improve the online training taking into consideration culture and language.

CLIN 1003 – Materials and Supplies
Material costs invoiced include licensing fees for the use of training materials.

CLIN 1004 – ODCs
DBA is applied for FOIA (b)(4) of total compensation.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota						
TD 021 FETP Iraq						
CLIN 1002 LABOR-100205 ACRN AH						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

(b)(4); (b)(6)

(b)(6)	Research and Data Analyst	(b)(6)	147.00	$11,104.38	147.00	$11,104.38
	Research and Data Analyst		0.00	$-	61.00	$4,607.94
	Research and Data Analyst		70.00	$5,287.80	220.00	$16,618.80
	Research and Data Analyst		20.00	$1,510.80	100.00	$7,554.00
	Research and Data Analyst		40.00	$3,021.60	40.00	$3,021.60
	FLN		40.00	$1,485.20	40.00	$1,485.20
	FLN		40.00	$1,485.20	40.00	$1,485.20
	FLN		20.00	$742.60	20.00	$742.60
	Total CLIN 1002		1039.00	$111,170.84	3808.50	$507,691.31

CLIN 1003 MATERIALS

Transaction Description		CURRENT INVOICE	CUMULATIVE INVOICED
TOTAL		$115.00	$-
	SMH FOIA (b)(4)	$6.06	$-
Total CLIN 1003		**$121.06**	**$3,318.72**

CLIN 1004 ODC

Transaction Description		CURRENT INVOICE	CUMULATIVE INVOICED
DBA		$490.28	
	FOIA (b)(4)	$149.93	$-
Total CLIN 1004		**$640.21**	**$903.01**

CLIN 1005 TRAVEL

Transaction Description	CURRENT INVOICE	CUMULATIVE INVOICED
	$-	$-
Total CLIN 1005	**$-**	**$-**
TOTAL INVOICE	**$111,932.10**	**$511,913.03**

Completed by Program Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	to Apply to program
TD 01 Cameroon PPE	01021.02.001 PPE.04		EMP	17.00	$ 24 74
TD 01 Cameroon PPE	01021.02.001 PPE.04		EMP	0.00	$
TD 01 Cameroon PPE	01021.02.001 PPE.04		EMP	2.00	$ 7 21
TD 01 Cameroon PPE	01021.02.001 PPE.04		EMP	0.00	$
TD 01 Cameroon PPE	01021.02.001 PPE.04		C	0.00	$
TD 01 Cameroon PPE Total					$ 31.95
TD 09 NHLS	01021.02.009 NHL.04		Sub	20.00	$ 45 50
TD 09 NHLS	01021.02.009 NHL.04		Sub	5.00	$ 11 38
TD 09 NHLS	01021.02.009 NHL.04		Sub	5.00	$ 7 00
TD 09 NHLS	01021.02.009 NHL.04		Sub	25.00	$ 52 50
TD 09 NHLS Total					$ 116 38
TD 13 OHE	01021.02.013.OHE.04		EMP	47.00	$ 75.98
TD 13 OHE	01021.02.013.OHE.04		EMP	40.50	$ 38.43
TD 13 OHE	01021.02.013.OHE.04		EMP	47.00	$ 169.44
TD 13 OHE	01021.02.013.OHE.04		C	60.00	$ 5 78
TD 13 OHE Total					$ 289.62
TD 18 Georgia Genomics	01021.02.018.GGM.04		Sub	112.00	$ 431 20
TD 18 Georgia Genomics Total					$ 431 20
TD 19 Georgia Micro	01021.02.019 GMC.04		EMP	94.50	$ 198 78
TD 19 Georgia Micro Total					$ 198.78
TD 21 Iraq FETP	01021.02.021 IFE.04		C	70.00	$ 122 50
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	40.00	$ 86 45
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	40.00	$ 72 04
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	40.00	$ 72 04
TD 21 Iraq FETP	01021.02.021.IFE.04		SUB	20.00	$ 32 25
TD 21 Iraq FETP	01021.02.021.IFE.04		C	40.00	$ 105 00
TD 21 Iraq FETP Total					$ 490 29
TD22 Uganda BSV	01021.02.022.BSV.04		Sub	112.50	$ 472 50
TD22 Uganda BSV	01021.02.022.BSV.04		Sub	112.50	$ 295 31
TD22 Uganda BSV Total					$ 767 81
TD 023 OHE South Africa	01021.02.023.OSA.04	(b)(6)	Sub	25.00	$ 123 38
TD 023 OHE South Africa Total					$ 123 38
Grand Total					$ 2,449 40

FOIA (b)(4)

INVOICE

ASM Press
1752 N Street, NW
Washington, DC 20036-2904

Date: 8 22 2016

Federal ID #: 38-1616141

Invoice #: P2016.20

Bill To: Metabiota, Inc.
Attn: (b)(6)
Research Advisor
Metabiota, Inc.

CONTACT	Dept	Fax #	TERMS
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THANK YOU!

(b)(6)
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TD 022 Biosurveillance Training - Uganda

Objectives

Advance the Biosafety and Biosecurity capacity in Uganda through the development, coordination and execution of a pilot biosurveillance study focused in Rift Valley Fever (RVF), Avian Influenza (AI), and Peste des Petuts Ruminants Virus (PPRV). Provide subject matter expertise to assist participants in development and submission of grant proposals, and development of Standard Operating Procedures to increase enhance local skills in early detection and prevalence determination of RVF AI and PPR.

Period of Performance: 3/21/16 11/15/16

CLIN 1002 – Labor

Program Manager

Metabiota Regional Africa Program Manager (b)(6) ed regular bi-weekly and as needed communications with in country stakeholders. He also led communications with DTRA CBEP representation on a bi-weekly and as needed basis. He provided project and programmatic oversight to the update, re-development and delivery of all travel and training related CDRL and other associated contractually requirement document resubmissions (b)(6) additionally provided oversight and direct support to the development of training materials by subcontractor Africa Biomedical Laboratories (ABL), and the final submission process including management of the response to comments generated during the CTSC review prior to PAO approval. He contributed to the development of procurement documents and provided oversight to the development of procurement timeline contingency plans and actions.

(b)(6) rovided general management and direction to the project team in the preparation and subsequent execution of the biosurveillance training event. He led presentations including the opening remarks and introductory sessions, and lead portions of the technical training which included introduction to epidemiology, data analysis, study design, and sample size calculation (b)(6) also maintained communications with DTRA CBEP during this time and led all pre and post training discussions.

Research and Data Analyst:

Metabiota Project Coordinator, (b)(6) managed the revision of laboratory and field materials lists. (b)(6) post DTRA approval of the proposed procurement list, identified and contacted appropriate vendors to obtain final quotes, and place orders; she additionally ensured the execution of purchase orders by AEP leadership. Subsequently, (b)(6) provided the list of materials and shipment information to the CLS warehouse and led communications with vendors and relevant logistics personnel. In light of a potential shipment delay, (b)(6) has identified and reached out to several in-country vendors capable of delivering materials as a stopgap solution.

(b)(6) additionally worked with DTRA representation and performer ABL to support the development of a detailed training agenda for the biosurveillance training event.

(b)(6) provided general coordination and implementation support to the project team in the preparation and subsequent execution of the biosurveillance training event. She led several components of the training event including the set up and execution of all daily ELISA and PCR methods breakout sessions. She contributed significantly during all pre and post training discussions, and importantly

worked with laboratory staff representing UVRI, NaLIRRI, and NADDEC to ensure they were adequately prepared for the implementation of the biosurveillance pilot study.

Subject Matter Expert 1:
Metabiota subcontractor, (b)(6) served in a technical leadership capacity during the development of materials for the biosurveillance training event. He led the development of the materials as a whole and participated in discussions and coordination calls with Metabiota project leadership. During this period, (b)(6) supported the finalization of all materials and contributed to the development of the CTSC technical review response. He also developed the pre and posttests, and provided general oversight to the development of the daily training agenda.

(b)(6) traveled from his home in Nairobi, Kenya to Entebbe and Kasese, Uganda to serve as a technical leader of the biosurveillance training event between the dates of 8/22/16 and 9/2/16. His efforts during this period include the delivery of training presentations including BS&S in the laboratory as well as in the field, theory of ELISA, theory of PCR, interpreting RT-PCR results, and the sampling and handling of avian species. (b)(6) additionally participated in all pre and post training meetings and provided general support to the teams in preparation for the subsequent and forthcoming biosurveillance pilot studies.

Time spent during this period at SME 1 is also represented by the efforts of ABL representative (b)(6) (b)(6) contributed to the further development of biosurveillance training materials at the direction of technical lead (b)(6) was also available for project coordination and communication efforts and provided responses to internal technical inquiries as requested.

CLIN 1003 – Materials and Supplies
Material costs invoiced this month include materials and supplies necessary for implementation of the BSV workshop and subsequent sample collection.

CLIN 1004 – ODCs
DBA costs are allocated for (b)(6) and (b)(6) at FOIA (b)(4) total compensation.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota						
TD 022 Uganda BSV						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Program Manager						Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours		to Apply to program
TD 01 Cameroon PPE	01021.02.001.PPE.04		EMP	17.00	$	24.74
TD 01 Cameroon PPE	01021.02.001.PPE.04		EMP	0.00	$	
TD 01 Cameroon PPE	01021.02.001.PPE.04		EMP	2.00	$	7.21
TD 01 Cameroon PPE	01021.02.001.PPE.04		EMP	0.00	$	
TD 01 Cameroon PPE	01021.02.001.PPE.04		IC	0.00	$	
TD 01 Cameroon PPE Total					$	31.95
TD 09 NHLS	01021.02.009.NHL.04		Sub	20.00	$	45.50
TD 09 NHLS	01021.02.009.NHL.04		Sub	5.00	$	11.38
TD 09 NHLS	01021.02.009.NHL.04		Sub	5.00	$	7.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	25.00	$	52.50
TD 09 NHLS Total					$	116.38
TD 13 OHE	01021.02.013.OHE.04		EMP	47.00	$	75.98
TD 13 OHE	01021.02.013.OHE.04		EMP	40.50	$	38.43
TD 13 OHE	01021.02.013.OHE.04		EMP	47.00	$	169.44
TD 13 OHE	01021.02.013.OHE.04		IC	60.00	$	5.78
TD 13 OHE Total					$	289.62
TD 18 Georgia Genomics	01021.02.018.GGM.04		Sub	112.00	$	431.20
TD 18 Georgia Genomics Total					$	431.20
TD 19 Georgia Micro	01021.02.019.GMC.04		EMP	94.50	$	198.78
TD 19 Georgia Micro Total					$	198.78
TD 21 Iraq FETP	01021.02.021.IFE.04		IC	70.00	$	122.50
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	40.00	$	86.45
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	40.00	$	72.04
TD 21 Iraq FETP	01021.02.021.IFE.04		SuB	40.00	$	72.04
TD 21 Iraq FETP	01021.02.021.IFE.04		SUB	20.00	$	32.25
TD 21 Iraq FETP	01021.02.021.IFE.04		C	40.00	$	105.00
TD 21 Iraq FETP Total					$	490.29
TD22 Uganda BSV	01021.02.022.BSV.04		Sub	112.50	$	472.50
TD22 Uganda BSV	01021.02.022.BSV.04		Sub	112.50	$	295.31
TD22 Uganda BSV Total					$	767.81
TD 023 OHE South Africa	01021.02.023.OSA.04	(b)(6)	Sub	25.00	$	123.38
TD 023 OHE South Africa Total					$	123.38
Grand Total					$	2,449.40

FOIA (b)(4)

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METABIOTA
425 California St
Suite 200
94104 San Francisco
ÎLES MINEURES ÉLOIGN

VAT Siret

Document N	Account Nr.	Doc	Date	Rep
FA162564	101670	5	31/08/2016	14

Reference	INVOICE
Project AEP TD-022	

Transport	Incoterms 2010	Pack.	Parcel	Gross weight
FEDEX				10,20

Your contact: **Anna Greatrex (Int. Sales Manager)**

	Code	Product Designation		Qty	Unit Price	% Disc.	Net Price	Amount
	Ord. 162661 / 002 DN 023939 Of 04/08/2016							
001	PPRC-10P-A17 Exp 05/2018 Country of origin: FRANCE	ID Screen® PPR Competition Customs nom. : 38220000	10 Plates - Competition	6,00	1 225,00	-15,00	1 041,25	6 247,50
002	MRI-PPR-002 Country of origin: FRANCE	Freeze dried PPR reference serum Customs nom. : 38220000	1ml freeze-dried	3,00	170,00	15,00	144,50	433,50

Shipping charges	160,00	Amount EUR	6 841,00
Exo			
Amount subjected to VAT	6 841,00	**TOTAL EUR**	**6 841,00**

Bank details : HSBC Montpellier
Code banque 30056 code guichet 00305
N compte 03050117821 cl : 80
IBAN : FR76 3005 6003 0503 0501 1782 180
code BIC : CCFRFRPP

$7,

Payment terms: Swift Bank Transfer 100% before shipment

TAX-INVOICE

Date : August 17, 201
Invoice # [009]

OPTIMUM GROUP
GENERAL AGENCIES LTD
Uganda Kampala
Bugolobi Bandali
Rise Plot 27
[Kampala

+256 782 002089 +256 706 106068

E mail
(b)(6)

TO:
[Metabiota Inc]
425 California St,Suite 200
San Francisco]
[Phone (415)398 4712
Customer ID [

SHIP TO:
(b)(6)
[NADDEC)
[P.O. Box 513 Airport Road
Entebbe, Uganda]
[Office Tel. +256-414
320915 / 322297

SALESPERSON	JOB	SHIPPING METHOD	SHIPPING TERMS	DELIVERY DATE	PAYMENT TERMS	DUE DATE
Philip Nsasibwe		Standard		ASAP	Due on Receipt	

ITEM#	DESCRIPTION	UNIT MEASURE	UNIT PRICE($)	QUANTITY	TOTAL($)
01	Vacutainer tubes, red cap	Each pack of 100	$ 14	2	$ 28.00
02	G18 syringe needles	Each pack of 100	$ 30	2	$ 60.00
03	G23 syringe needles	Each pack of 100	$ 6	2	$ 12.00
04	5 cc syringes	Each pack of 100	$ 6	2	$ 12.00
-	10 mL syringe with leur-lock tips	Each pack of 850	$ 13.86	1	$ 13.86
-	Nitrile powder-free gloves M	Each packet of 100	$ 14.7	5	$ 73.50
-	Nitrile powder-free gloves L	Each packet of 100	$ 14.7	5	$ 73.50
08	biohazard bags	Each case of 100	$ 74	1	$ 74.00

(b)(6)

OPTIMUM GROUP GENERAL AGENCIES LTD
TEL 0782 002089 / 0706 106068
DATE 17/08/16

sharps containers	Each case of 18	$ 529.56	1	$ 529.56
lab rolls	Each	$ 7.35	10	$ 73.50
alcohol swabs	Each Packet of 200	$ 5.88	3	$ 17.64
Laboratory disinfectant In spray bottle	Each bottle	$ 14.71	5	$ 73.55

Sub Total	1,041.11
VAT (18%)	187.40
Freight	89.00
Total	$ 1,317.51

Make all checks payable to [OPTIMUM GROUP GENERAL AGENCIES LTD

Bank: CENTENARY BANK
Account Tittle: OPTIMUM GROUP GENERAL AGENCIES LTD
Branch & Address: MAPEERA, Kampala
Account No: 3720016060
SORT CODE: 163747
SWIFT CODE: CERBUGKA

THANK YOU FOR YOUR BUSINESS!

Name: (b)(6)
Director.

Signature

(b)(6)

OPTIMUM GROUP GENERAL AGENCIES LTD
TEL 0782 002089, 0706 106068
DATE: 12/08/16

2

ETICKET RECEIPT IS ATTACHED
********** PLEASE REVIEW YOUR ITINERARY CAREFULLY*********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s): (b)(6)
Invoice No.: 80455
Issue Date: Friday, August 19, 2016
Billing: METABIOTA INC
425 CALIFORNIA STREET
SUITE 200
CA 94104

Booking Ref.: 2U862Q
Agent:
Customer: (b)(6) MBA

Invoice Details

Transaction / Document	Base	Tax	Total
	5102.00		5102.00

	Nightly Rate	# of nights	Total
Entebbe - Laico Hotel			
C Martyn (Aug 20-27)	$200.00	7	$1,400.00
E Miller (Aug 20-27)	$200.00	7	$1,400.00
M N'Jenga (Aug 22-27)	$200.00	5	$1,000.00
Kasese - Sandton Hotel			
C Martyn (Aug 27-Sep 3)	$62.00	7	$434.00
E Miller (Aug 27-Sep 3)	$62.00	7	$434.00
M N'Jenga (Aug 27-Sep 3)	$62.00	7	$434.00
Total Charge:			**$5,102.00**

Entebbe And Kasese Hotel Rooms / 890 0686441195

Form of Payment AX XXXXXXXXXXXX1675

Totals:	5102.00	0.00	USD 5102.00

Total Charged to Credit Card: USD 5102.00
Balance Due: USD 0.00

UNIGLOBE
Kentlands Travel
Phone. (301) 948-2448
METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s): (b)(6)
Booking Ref.: 2FFDBN
Invoice No.: 80242

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In Confirmation: HNR6Q5
Check In With KLM Royal Dutch Airlines (KL652)

Depart:	5 50 PM, Friday, August 19 Dulles Intl Arpt Washington, District of Columbia, USA	**Arrive:**	7 20 AM, Saturday, August 20 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Boeing 777-200/ 200ER	**Stops:**	Non-stop
Duration:	7 hours 30 minutes	**Seat:**	Assigned at Check In
Phone:	1-800-221-1212	**Meal:**	Dinner
Spcl. Service:	Corporate Client Code Used By All GDSs		
Remarks:	Seat assigned at check-in Not eligible for web check in		

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In Confirmation: HNR6Q5
Check In With KLM Royal Dutch Airlines (KL537)

Depart:	10:45 AM, Saturday August 20 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	10 20 PM, Saturday, August 20 Entebbe Intl. Airport Entebbe, Uganda
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Kigali
Duration:	10 hours 35 minutes	**Seat:**	Assigned at Check In
Meal:	Lunch		
Spcl. Service:	Corporate Client Code Used By All GDSs		
Remarks:	Seat assigned at check-in Not eligible for web check in		

2699.36
2699.36
5398.9

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In Confirmation: HNR6Q5
Check In With KLM Royal Dutch Airlines (KL537)

Depart:	11:35 PM, Saturday, September 3 Entebbe Intl. Airport Entebbe, Uganda	**Arrive:**	6:55 AM, Sunday, September 4 Schiphol Airport Amsterdam, Netherlands

Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 20 minutes	**Seat:**	Assigned at Check In
Meal:	Breakfast		
Spcl. Service:	Corporate Client Code Used By All GDSs		
Remarks:	Seat assigned at check-in Not eligible for web check in		

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation:
HNR6Q5

Depart:	1:25 PM, Sunday, September 4 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3:55 PM, Sunday, September 4 Dulles Intl Arpt Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 30 minutes	**Seat:**	Assigned at Check In
Meal:	Lunch		
Spcl. Service:	Corporate Client Code Used By All GDSs		
Remarks:	Seat assigned at check-in Not eligible for web check in		

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7897868800		1860 00	796 36	2656.36
	Form of Payment AX XXXXXXXXXXXX1675			
Processing Fee / 890 0686386959		43 00		43.00
	Form of Payment: AX XXXXXXXXXXXX1675			
	Totals:	1903.00	796 36	USD 2699.36

Total Charged to Credit Card: USD 2699.36
Balance Due: USD 0 00

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service. Emergency travel assist collect in Netherlands/Uganda 416. -928-5404

UNIGLOBE
Kentlands Travel
Phone: (301) 948-2448
METABIQTA@UNIGLOBEKENTLANDS.COM

Passenger(s): (b)(6)

Booking Ref.: 2FFDBN

Invoice No.: 80242

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL652)

Check In Confirmation: HNR6Q5

Depart:	5:50 PM, Friday, August 19 Dulles Intl Arpt Washington, District of Columbia, USA	**Arrive:**	7:20 AM, Saturday, August 20 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Boeing 777-200/ 200ER	**Stops:**	Non-stop
Duration:	7 hours 30 minutes	**Seat:**	Assigned at Check In
Phone:	1-800-221-1212	**Meal:**	Dinner
Spcl. Service:	Corporate Client Code Used By All GDSs		
Remarks:	Seat assigned at check-in Not eligible for web check in		

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: HNR6Q5

Depart:	10:45 AM, Saturday, August 20 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	10:20 PM, Saturday, August 20 Entebbe Intl Airport Entebbe, Uganda
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Kigali
Duration:	10 hours 35 minutes	**Seat:**	Assigned at Check In
Meal:	Lunch		
Spcl. Service:	Corporate Client Code Used By All GDSs		
Remarks:	Seat assigned at check-in Not eligible for web check in		

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: HNR6Q5

Depart:	11:35 PM, Saturday, September 3 Entebbe Intl Airport Entebbe, Uganda	**Arrive:**	6:55 AM, Sunday, September 4 Schiphol Airport Amsterdam, Netherlands

Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 20 minutes	**Seat:**	Assigned at Check In
Meal:	Breakfast		
Spcl. Service:	Corporate Client Code Used By All GDSs		
Remarks:	Seat assigned at check-in Not eligible for web check in		

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation:
HNR6Q5

Depart:	1.25 PM, Sunday, September 4 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3 55 PM, Sunday, September 4 Dulles Intl Arpt Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 30 minutes	**Seat:**	Assigned at Check In
Meal:	Lunch		
Spcl. Service:	Corporate Client Code Used By All GDSs		
Remarks:	Seat assigned at check-in Not eligible for web check in		

Transaction / Document		**Base**	**Tax**	**Total**
Delta Air Lines / 006 7897868801		1860.00	796.36	2656.36
	Form of Payment AX XXXXXXXXXXXX1675			
Processing Fee / 890 0686398163		43.00		43.00
	Form of Payment AX XXXXXXXXXXXX1675			
	Totals:	1903.00	796.36	USD 2699.36

Total Charged to Credit Card: USD 2699 36
Balance Due: USD 0 00

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service. Emergency travel assist collect in Netherlands/Uganda 416. -928-5404

TD 023 One Health Epidemiology Short Course – South Africa

Objectives

Increase the operational biosafety and bio-surveillance capacity through the development of a One Health Epidemiology short course tailored to the needs of South Africa Increase the sustainability of the course work through development of a train the trainer module to be delivered to select South African trainers of the short course.

Period of Performance: 3/21/16 – 11/15/16

CLIN 1002 – Labor

Program Manager:

Metabiota Africa Regional Program Manager, (b)(6) provided programmatic oversight throughout this period and was responsible for leading all communications with DTRA CBEP as well as programmatic communications for the internal project team. He led regular bi-weekly communication with DTRA CBEP (b)(6) additionally worked with Metabiota PC (b)(6) to progressively elaborate the project schedule in an effort to reflect input from project SME's in real-time. (b)(6) also worked with DTRA CBEP representation to identify the 60% review meeting dates as 15 September 2016 and to provide transparency on what should be expected during this meeting.

Research and Data Analyst:

Metabiota Project Coordinator (b)(6) provided communication support during all engagements with DTRA CBEP and Ugandan stakeholders by participating in all project calls and recording and distributing all meeting minutes.

Metabiota Epidemiologist (b)(6) also represented by this labor category, provided technical support towards the development and adaptation of materials specifically for "Analysis of Surveillance Data, Measures of Spread, Outbreak Investigation, and Generating Hypotheses, Developing a Working Case Definition, and Epidemiologic Clues, to Bioterrorism". She participated in technical and programmatic communication calls with project staff, and provided infectious disease expertise towards the overall project approach as well as the delineation between advanced and basic course work. She also reported regularly to the PM and provided an explanation of weekly production for submission to DTRA CBEP representation.

Subject Matter Expert 2:

Metabiota Staff Scientist, (b)(6), provided technical leadership and overall product development guidance towards the development and adaptation of all materials. She participated in bi-weekly conference calls with DTRA CBEP representation and led weekly technical communications with project technical staff, and provided represented the technical team at the 30% review meeting held at CTSC. She additionally contributed directly to the development of presentations including, "Measures of Disease Spread and Public Health Statistics, Avian Influenza" (b)(6) worked to adapt and develop training materials, and to review the work of other project SMEs to ensure an overall consistency in approach. She reported regularly to the PM and provided an explanation of weekly production for submission to DTRA CBEP representation.

Trainer 2:

(b)(6) provided technical support towards the development and adaptation of materials specifically for "Questionnaire Design, Measures of Disease Spread, and Finalization of the Case Definitions Presentation". He participated in technical and programmatic communication calls with project staff, and provided veterinary and training program development expertise towards the overall project approach as well as the delineation between.

CLIN 1003 – Materials and Supplies

No material costs are invoiced this period.

CLIN 1004 – ODCs

DBA costs are allocated for (b)(6) FOIA (b)(4) of total compensation.

CLIN 1005 – Travel

No travel costs are invoiced this period.

Metabiota						
TD 023 One Health Epi South Africa Short course						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Program Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	FOIA (b)(4) to Apply to program
TO 01 Cameroon PPE	(b)(4); (b)(6)				

(b)(4); (b)(6)

TD 025 Technical Writing Workshop – Ethiopia

Objectives

Provide capacity building and sustainability in BS&S projects by conducting a Technical Writing workshop on developing a successful research proposal and white paper. Provide mentorship and support to workshop participants in finalizing and submitting for grant support to increase the research project completed in country.

Period of Performance: 4/15/16 11/15/16

CLIN 1002 – Labor

Program Manager:

Metabiota Africa Regional Program Manager, (b)(6) provided programmatic oversight throughout this period and was responsible for leading all communications with DTRA CBEP as well as programmatic communications for the internal project team. (b)(6) additionally developed the post workshop survey report and worked with AAAS representation regarding the development and submission of a proposal deliverables schedule.

Research and Data Analyst:

Metabiota Project Coordinator (b)(6) participated in all project calls, both internal and with DTRA CBEP. (b)(6) took and distributed minutes following calls with DTRA CBEP. (b)(6) also provided coordination support to (b)(6) as necessary during post training reporting.

Subject Matter Expert 1:

(b)(6) post the closeout of the training workshop, worked as the technical lead of this project to maintain communication with leadership from EPHI and NAHDIC. (b)(6) worked with (b)(6) and his technical team to develop the proposal deliverables schedule, and to relay the DTRA (b)(6) CBEP approved schedule and its implications to the team leads for both EPHI and NAHDIC. (b)(6) (b)(6) additionally provided oversight and direct contribution to his technical team towards the development of abstracts and white papers by EPHI and NAHDIC led teams, which will be submitted to the DTRA BAA under Thrust Area 6.

(b)(6) during the month of August, provided support to (b)(6) as the technical project lead. (b)(6) additionally worked with representation from EPHI and NAHDIC towards concept and abstract development, and reported timeline challenges to (b)(6) also worked to provide recommended edits to draft abstracts submitted by EPHI and NAHDIC.

CLIN 1003 – Materials and Supplies

No material costs are invoiced this period.

CLIN 1004 – ODCs

No ODC costs are invoiced this period.

CLIN 1005 – Travel

No travel costs are invoiced this period.

Metabiota						
TD 025 Ethiopia Grants						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Closed Projects

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan – Invoiced to Completion Invoice #729.

TD 003 Bat Borne Virus from Annual Bat Cull India has been canceled and will not be invoiced.

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop

TD 005 Iraqi Distance Learning has been canceled and will not be invoiced.

TD 006 Nipah Research Activity Project has been canceled and final costs were invoiced on invoice #725.

TD 007 Regional Baseline Assessment has been invoiced to completion on invoice #725.

TD 008 Clinician Training has been invoiced to completion invoice #726.

TD 010 One Health Epidemiology Training in South Africa has been invoiced to completion on invoice #731

TD 011 Ukraine TADR Activity Project 4 (TAP-4) has been invoiced to completion Invoice #729.

TD 012 Ukraine Project 2 (UP-2) has been invoiced to completion invoice #725. This project was transitioned to the BTRIC.

TD 014 Grant Writing Mentorship and Workshop – Kenya

TD 015 Health Informatics Support Services – Vietnam - Invoiced to completion on Invoice #239

TD 020 Gabon Initial Engagement SME Support - Invoiced to Completion Invoice #729.

TD 024 MESA Epigenetics Conference Video – Jordan

Program Management Review Travel Costs

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Invoice and Narrative 12/01/15-12/31/15

Prepared for:



Prepared by:

METABIOTA

Invoice Summary

METABIOTA

Invoice December 01-December 31 2015

Invoice #

Remit To:
Metabiota, Inc..
1 Sutter Street. Suite 600
San Francisco
CA
94104

Bill To:
Defense Threat Reduction Agency
8725 John J. Kingman Rd.
Ft. Belvoir
VA
22060-6201

CLIN	CURRENT INVOICE	CUMULATIVE INVOICED
CLIN 1001	$ 161,520.52	$1,211,403.90
CLIN 1002	$ 295,908.70	$3,038,145.77
CLIN 1003	$ 13,349.97	$327,812.97
CLIN 1004	$ 1,822.54	$5,820.90
CLIN 1005	$ 33,542.34	$163,383.47
TOTAL	**$ 506,144.08**	**$4,746,567.02**

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 - 12/31/15

CLIN 1002 – Labor
No labor hours were invoiced in December as the training effort was on hold pending the completion of Leahy vetting of the Cameroon Ministry of Defense's trainees by the United States government.

CLIN 1003 – Materials and Supplies
Material and Supply costs were not incurred during this period.

CLIN 1004 – ODCs
Other Direct Costs were not incurred during this period.

CLIN 1005 – Travel
No travel costs were incurred during this period.

Metabiota

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
	Program					

(b)(4); (b)(6)

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan

Objectives

To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-CoV) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 05/16/2015 - 01/31/2016

CLIN 1002 – Labor

Program Manager:

Hours incurred during this period were for work provided by (b)(6) the Metabiota program manager in support of finalizing all preparations and executing the MERS-CoV training event held from 07-11 December 2015 in Almaty, Kazakhstan (b)(6) department for Almaty on 30 November, and upon arrival worked with Duke NUS trainers to prepare and finalize all requirements for the training event at IMV, to include conducting "dry runs" in the lab, finalizing the agenda, and set up. She conducted an inventory of all materials and supplies procured for the event, and finalized CDRL 11 Materials and Transfer Agreement. The training was conducted successfully from 7-11 December, and the Training Event Trip Report submitted following completion of the event (b)(6) closed out all engagements in-country following the event and worked with Duke NUS and TMC to ensure deliverables and final invoices were received.

Research and Data Analyst:

Hours incurred during this period were for work provided by (b)(6) the Metabiota project coordinator in support of executing the MERS-CoV training event from 07-11 December 2015 in Almaty, Kazakhstan. Activities conducted during this period included, daily coordination and communication with CLS, in-country partners, and Duke-NUS trainers to ensure internationally procured reagents and supplies were picked up and shipped to Kazakhstan, in accordance with custom clearance requirements prior to start of the event. In addition, she finalized administrative documents for inventory and supply logs for both internationally and locally procured materials, per diem payments for Duke NUS trainers, and the daily agenda and travel schedule for the Metabiota and Duke NUS team during the training week. Lastly, she coordinated with all partners to ensure the final participant list was complete for the training event, capturing additional participants from RIBSP and CH2M Hill (b)(6) (b)(6) provided US-based support during the event, and assisted in closing out requirements following training completion at the end of the month.

Trainer II:

Hours incurred during this period were for work provided by (b)(6) and (b)(6) in support of executing the MERS-CoV training event held from 07-11 December 2015 in Almaty, Kazakhstan. (b)(6) arrived early in Almaty to prepare for the event with (b)(6) including laboratory set-up and finalizing the agenda, and administrative issues with in-country partners (b)(6) joined the team, and all three trainers successfully implemented the training event. Additional hours were incurred during this period were for the completion of all required deliverables and invoices for Duke NUS on this project.

Trainer III:

Hours incurred during this period were for work provided by (b)(6) during the MERS-CoV training event held from 07-11 December 2015 in Almaty, Kazakhstan. (b)(6) participated in the training event, as a senior trainer, and executed both practicum and classroom trainings.

Corrected Hours- Hours previously incurred for (b)(6) on this project were billed at at Trainer III instead of Trainer II level. Costs are corrected on this invoice to reflect (b)(6) status as a Trainer II, adjusting the cost to the government.

CLIN 1003 – Materials and Supplies

Material and Supply costs were incurred during this period for locally procured materials and supplies supporting the laboratory training event from 07-11 December in Almaty, Kazakhstan. Supply purchases included laboratory consumables necessary to execute the laboratory practicum portion of the training.

CLIN 1004 – ODCs

Other Direct Costs were incurred during this period for DBA insurance covering travel for Metabiota and Duke NUS trainers to Almaty, Kazakhstan to conduct the MERS-CoV training event. In addition, DBA costs were incurred to cover the Duke NUS trainers through 31 December 2015, inline with the PoP extension received for this project.

CLIN 1005 – Travel

Foreign Travel costs incurred during this period were in support of Metabiota and Duke NUS travel to Almaty, Kazakhstan to conduct the MERS-CoV training from 07-11 December 2015. Costs included in travel are for accommodations, ground transportation, and per diem.

Metabiota						
TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

(b)(4); (b)(6)

Invoice Template

Name of Organization: TMC
Address: 6001 Indian School Rd. NE, Suite 190 Albuquerque, NM 87110
Date: 1/7/2016
Subcontract Number:

ATTN: invoices@metabiota.com
Metabiota Inc.

Attn: Accounts Payable
1 Sutter Street, Suite 600
San Francisco, CA 94104

Project Name: Sept 2015 – Dec 2015 in Almaty, KZ

Deliverable and Period of Performance Covered by this invoice: 7/16/15-12/31/15

Total Amount Due: $4776.46

The undersigned hereby certifies that the amount being invoiced represents only those amounts properly payable in accordance with the terms and conditions of the Subcontract Agreement and the official financial records.

By: (b)(6)

Payment should be remitted to (provide details for ACH or Wire Transfer)

Payments shall be made in US Dollars via ACH or Wire to:

Bank Name: First National Rio Grande
Bank Address: 2011 Mountain Rd NW Albuquerque, NM 87104
Account Holder: Technology Management Co
Account No: (b)(4); (b)(6)
ABA Routing No: 1070004400

Prime Contractor Program Manager:

Approved: _____

Standard Form 1034
Revised October 1987
Department of the Treasury
I TFM 4-2000

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

VOUCHER NO.
META1509-00-002

U. S. DEPARTMENT, BUREAU, OR ESTABLISHMENT AND LOCATION
METABIOTA, Inc.
Attention Accounts Payable
1 Sutter Street
Suite 600
San Francisco, CA 94104
United States

DATE VOUCHER PREPARED
Jan 7,2016

CONTRACT NUMBER AND DATE
Jun 19,2015

REQUISITION NUMBER AND DATE
2015-09-PO

SCHEDULE NO.

PAID BY

PAYEE'S NAME AND ADDRESS
Technology Management Co.
6001 Indian School Road NE
Suite 190
Albuquerque, NM 87110
United States

DATE INVOICE RECEIVED

DISCOUNT TERMS
NET 30

PAYEE'S ACCOUNT NUMBER

SHIPPED FROM | **TO** | **WEIGHT**

GOVERNMENT B/L NUMBER

NUMBER AND DATE OF ORDER	DATE OF DELIVERY OR SERVICE	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary)	QUANTITY	UNIT PRICE COST	UNIT PRICE PER	AMOUNT (1)
	From Jul 16,2015 To Dec 31,2015	DHAPP Cameroon PEPFAR – Q3 Advance Payment request approved by Lindsay and Jenna. Voucher will be uploaded for DCMA/DFAS review shortly.				
(Use continuation sheet(s) if necessary)		(Payee must NOT use the space below)			TOTAL	$4,776.46

PAYMENT:
- ☐ PROVISIONAL
- ☐ COMPLETE
- ☐ PARTIAL
- ☐ FINAL
- ☐ PROGRESS
- ☐ ADVANCE

APPROVED FOR -$

EXCHANGE RATE -$1.00

DIFFERENCES

BY [2]

TITLE

Amount verified; correct for payment

(Signature or initials)

Pursuant to authority vested in me, I certify that [illegible] for payment.

1/7/16
(Date)

(b)(6)

(b)(6)

(b)(6)

(Authorized Certifying Officer) [2]

ACCOUNTING CLASSIFICATION

PAID BY

CHECK NUMBER | **ON ACCOUNT OF U.S. TREASURY**

CHECK NUMBER | **ON** *(Name of Bank)*

CASH $

DATE

PAYEE [3]

1 When stated in foreign currency, insert name of currency.
2 If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the space provided, over his official title.
3 When a voucher is receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary", or "Treasurer", as the case may be.

PER

TITLE

Previous edition usable

NSN 7540-00-900-2234

PRIVACY ACT STATEMENT

The information requested on this form is required under the provisions of 31 U.S.C. 82b and 82c, for the purpose of disbursing Federal money. The information requested is to identify the particular creditor and the amounts to be paid. Failure to furnish this information will hinder discharge of the payment obligation.

TMC
GLOBAL PROFESSIONAL SERVICES

Billing Number: META1509-00-002
Invoice Number: 10009647 Invoice Date: 01/07/2016

Description: Billing POC: FOIA (b)(6)

Bill To:
METABIOTA, Inc.
Attention Accounts Payable
1 Sutter Street
Suite 600
San Francisco, CA 94104
United States

Remit To:
Technology Management Co.
6001 Indian School Road NE
Suite 190
Albuquerque, NM 87110
United States

Customer Number: 100000000076
Subcontractor Number:
Customer PO Number: 2015-09-PO
Project Number: METABIOT.001
Project Name: META1509
Terms: NET 30
Due Date: 02/06/2016

	Funded Value
Cost:	$18,732.51
Fee:	$0.00
Total:	$18,732.51

Cumulative Amount Billed: $17,276.37

Billing Period From:07/16/2015 To:12/31/2015 Billing Currency: USD

	Current Hours		Current Amount	Cumulative Hours	Cumulative Amount
XXLOMR Logistics Manager XX	23.00		$1,564.00	63.00	$4,284.00
TOTAL LABOR	23.00		$1,564.00	63.00	$4,284.00
Conf Materials			$0.00		$7,422.64
Procurement Material			2,701.82		2,701.82
Temporary Services			0.00		99.99
Customs Duties			0.00		702.69
TOTAL OTH. DIR. COST			$2,701.82		$10,927.14
G&A		18.9000%	$510.64		$2,065.23
TOTAL INDIRECTS			$510.64		$2,065.23
Invoice Total			$4,776.46		$17,276.37

Current Incurred Hours: 23.00
Cumulative Incurred Hours: 63.00

The undersigned hereby certifies that the amount being invoiced represents only those amounts properly payable in accordance with the terms and conditions of the subcontract agreement and the official financial records.

By (b)(6)

TMC
GLOBAL PROFESSIONAL SERVICES

Billing Number:	META1509-00-002	Project Number:	METABIOT.001	Billing Currency:	USD
Invoice Number:	10009647	Project Name:	META1509	Invoice Date:	01/07/2016

Labor Supporting Schedule - T&M

Group Description: TOTAL LABOR

Labor Cat Desc	Empl/Vendor	T/S Date	Current Hours	Rate	Current Amount	Cumulative Hours	Cumulative Amount
XXLOMR Logistics Manager XX	(b)(6)		0.00	68.0000	$0.00	23.00	$1,564.00
XXLOMR Logistics Manager XX		12/04/2015	11.00	68.0000	748.00	11.00	748.00
XXLOMR Logistics Manager XX		12/11/2015	12.00	68.0000	816.00	12.00	816.00
XXLOMR			23.00		$1,564.00	46.00	$3,128.00
XXLOMR Logistics Manager XX			0.00	68.0000	0.00	17.00	1,156.00
XXLOMR			0.00		$0.00	17.00	$1,156.00
XXLOMR Logistics Manager XX			23.00		$1,564.00	63.00	$4,284.00
TOTAL LABOR			23.00		$1,564.00	63.00	$4,284.00

TMC
GLOBAL PROFESSIONAL SERVICES

Billing Number:	META1509-00-002	Project Number:	METABIOT.001	Billing Currency:	USD
Invoice Number:	10009647	Project Name:	META1509	Invoice Date:	01/07/2016

Non-Labor Supporting Schedule

Group Description: TOTAL OTH. DIR. COST

Description	Transaction	JE No./ Vchr No.	Current FY/Pd	Vendor	Invoice ID	Current Amount	Cumulative Amount
Line Description:	Conf Materials						
Total: Conf Materials						$0.00	
Line Description:	Procurement Material						
Procurement Material 0,1-10ul tips / sterile / 96 pcs/ MG/SG	Procurement Materials	10129279	2015/12	VELD LLP	2303	$102.20	
Procurement Material 2-200ul tips / sterile / 96 pcs/ Germany	Procurement Materials	10129279	2015/12	VELD LLP	2303	84.49	
Procurement Material Cryotubes 2 ul / 1 pack *100 pcs / sterile	Procurement Materials	10129279	2015/12	VELD LLP	2303	21.07	
Procurement Material Pipetboy	Procurement Materials	10129303	2015/12	Medland LLP	969	740.30	
Procurement Material 8 multichannel pipette 50-300ul	Procurement Materials	10129303	2015/12	Medland LLP	969	477.21	
Procurement Material Individual pipette 10 ul Proline	Procurement Materials	10129303	2015/12	Medland LLP	969	116.92	
Procurement Material Individual pipette 1000 ul Proline	Procurement Materials	10129303	2015/12	Medland LLP	969	116.92	
Procurement Material Individual pipette 200 ul Proline	Procurement Materials	10129303	2015/12	Medland LLP	969	116.92	
Procurement Material 1000Applichem / 1000 ml ddH2O/Bidistilled water	Procurement Materials	10129303	2015/12	Medland LLP	969	88.21	
Procurement Material 0.2ml qPCR tubes (1,000)	Procurement Materials	10129303	2015/12	Medland LLP	969	79.77	
Procurement Material 1.5ml tubes (1,000)	Procurement Materials	10129303	2015/12	Medland LLP	969	34.56	
Procurement Material Tubes conical / polypropilen 15ml with rack	Procurement Materials	10129303	2015/12	Medland LLP	969	23.30	
Procurement Material Serological pipette 5x 10 ml	Procurement Materials	10129303	2015/12	Medland LLP	969	2.11	
Procurement Material Pipette accu-jet pro / 0.1 - 200 ul	Procurement Materials	10129308	2015/12	Medland LLP	4887	673.60	
Procurement Material Paper towels for training 10 psc	Procurement Materials	10129368	2015/12	Skif-Trade LLP	2200000597	16.75	
Procurement Material Black markers permanent	Procurement Materials	10129637	2015/12	ABDI Company	10129637	7.49	
Total: Procurement Material						$2,701.82	
Line Description:	Temporary Services						
Total: Temporary Services						$0.00	
Line Description:	Customs Duties						
Total: Customs Duties						$0.00	
TOTAL OTH. DIR. COST						$2,701.82	$10,927.14

clements
Clements Worldwide
One Thomas Circle,NW 8th Floor
Washington, DC 20005
Phone: 202-872-0060

INVOICE NO. 283357

ACCOUNT NO.	OP	DATE
GLOBA-6	SE	11/11/2015

Metabiota, Inc
(b)(6)
425 California St, 2nd Floor
San Fransico, CA 94104

Itm #	Eff Date	Trn	Type	Policy #	Description		Amount
99X9J8	12 22 14	+EN	WC-F	ENID37429193	END #16 (Travel Jordan &	ACE USA	$1,368.00
99X9J8	12 16 15	CRI	WC-F	ENID37429193	Credit from Itm #99XFNM	ACE USA	($82.00)
					Balance Due:		$1,286.00
99X9J9	12 22 14	+EN	WC-F	ENID37429193	END #17 (Travel Vietnam)	ACE USA	$140.00
99X9J9	12 16 15	CRI	WC-F	ENID37429193	Credit from Itm #99XFNM	ACE USA	($140.00)
					Balance Due:		$0.00
					Invoice Balance:		$1,286.00

*** PLEASE RETURN ONE COPY WITH YOUR REMITTANCE ***

Name	Contract #	
(b)(6)	2014-04-DTRA	
	Project	
	AEP TD002-Kazakhstan	
	Total Number of Days	
12/2/15 12/12/15	10	

Purpose of Trip

Conduct MERS-CoV Laboratory training at IMV in Almaty, Kazakhstan from 7-11 December 2015

No	Description	Vendor	Date										Method of Payment		Total Amount
			12/2/15	12/3/15	12/4/15	12/5/15	12/6/15	12/7/15	12/8/15	12/9/15	12/10/15	12/11/15	12/12/15	Tenge/GSO	USD	
1	Lodging	Intercontinental Hotel	57505.28	57505.28	57505.28	57505.28	57505.28	57505.28	57505.28	57505.28	57505.28	57505.28	0	$ 575,052.80	$ 1,876.49	$ 1,876.49
2	Ground Transportation	City Cab PTE LTD	23.8										29.45	$ 53.25	$ 37.90	$ 37.90
3	Ground Transportation	Comfort Transportation											32.35	$ 32.35	$ 23.05	$ 23.05

INTERCONTINENTAL.
ALMATY

(b)(6)

10d Braddell Hill Apt 06-14
Singapore SD 579723
US DESCRIPTION

Company Name	American Embassy	Room No.	0728
Membership No.	PC 313402357	Arrival	02-12-15
A/R Number		Departure	12-12-15 00:00:00
Group Code		Adults / Children	1 / 0
		Page No.	1 of 1
INTERIM INVOICE 302442		Cashier No.	338 / (b)(6)

Date	Text	Debits	Credits
02-12-15	Room&Tax	57,505.28	
03-12-15	Room&Tax	57,505.28	
04-12-15	Room&Tax	57,505.28	
05-12-15	Room&Tax	57,505.28	
06-12-15	Room&Tax	57,505.28	
07-12-15	Room&Tax	57,505.28	
08-12-15	Room&Tax	57,505.28	
09-12-15	Room&Tax	57,505.28	
10-12-15	Room&Tax	57,505.28	
11-12-15	Room&Tax	57,505.28	
11-12-15	Visa (b)(4); (b)(6)		575,052.80
	Total	**575,052.80**	**575,052.80**

Exchange rate 1 USD = 309.12
Balance Due (USD): 1,860.29

Balance	**0.00**	**KZT**
Total Incl. vat	**575,052.80**	**KZT**
Folio amount NET	**513,440.00**	**KZT**
VAT	**61,612.80**	**KZT**

Guest Signature: _____

I have received the goods and / or services in the amount shown here. I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company, or association fails to pay for any part of the full amount of these charges. If a credit card charge, I futher agree to perform the obligations set forth in the cardholder's agreement wit the issuer.

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АО «КТСП АЙТ ОТЕЛЬ» БИН:950940000089
FRONT OFFICE
УЛ. ЖЕЛТОКСАН, 181 ТЕЛ. 250-50-00
АО КАЗКОММЕРЦБАНК
АЛМАТЫ КАЗАХСТАН

ТЕРМИНАЛ: 05021442
ПУНКТ #: 398000005021442
ICC:A0000000031010
ICC:Visa Credit

VISA/UP
4*** **** **** 3228
ОПЛАТА

ПАКЕТ: 003035 ЧЕК No: 000018
Дата: Дек 11, 15 Время: 22:15
RRN: 534501012179 КОД АВТ.: 008244

СУММА:
KZT 575052.80
КОД:00 - ЗАВЕРШЕНО УСПЕШНО
/MENDENHALL ZAN

X_____
* ДЛЯ КЛИЕНТА *
TC: DEF1CF8819804771

ОПЛАЧИВАЙТЕ
КАРТОЧКОЙ КАЗКОМА
И ПОЛУЧАЙТЕ
ДО 30% БОНУСОВ
ТЕЛ. 258-51-11,
WWW.KKB.KZ

ИНТЕРНЕТ-БАНКИНГ #1
БЕСПЛАТНЫЕ ВЫПИСКИ ПО СЧЕТАМ
HTTPS://WWW.HOMEBANK.KZ
ТЕЛ. (727)258-53-34
РЕГИСТРАЦИЯ/АБ.ПЛАТА - В ТЕНГЕ

АО КТСП "Айт-Отель"
Услуги гостиницы
Св.НДС 60001 N-0078556
БИН-950940000089
Бостандыкский р-н

Касса № 01 РНН:600400066848
Дата 11.12.2015
Время 22:04 № 034163
ФИСК.ЧЕК № 000098
Услуги гостиницы К.0728 *575052.80
Количество покупок 1
В Т.Ч. НДС *0

ИТОГ *575052.80

КАРТА № Visa
КРЕДИТ *575052.80
КАССИР 338 Talapkhan Ye
ЗНИ 0000772 РНН 600400001544
ФП

CITYCAB PTE LTD
SHC7475G

TRIP NO 419632406
START 02/12/2015 07:06
END 02/12/2015 07:27
DISTANCE RUN 21.70 KM

NETS 000005
111655184000 65518453
PURCHASE CRD
DBS BANK
02 Dec, 2015 07:27:16
APPROVAL 142603
STAN 054069

METER FARE $ 16.15
CURR BOOKING $ 3.30
PEAK HOUR 25% $ 4.05
TOTAL FARE $ 23.50

FEE(GST INCL) $ 0.30

AMOUNT PAID $ 23.80

GST M2-0113048-4

APPROVED

CITYCAB PTE LTD
SHB4932D

TRIP NO 795549122
START 12/12/2015 22:39
END 12/12/2015 23:13
DISTANCE RUN 22.0 KM

NETS 000005
111663359000 66335915
PURCHASE CRD
DBS BANK
12 DEC, 2015 23:14:05
APPROVAL 217920
STAN 056270

METER FARE $ 19.30
CHANGI AIRPORT$ 5.00
PEAK HOUR 25% $ 4.85
TOTAL FARE $ 29.15

FEE(GST INCL.)$ 0.30

AMOUNT PAID $ 29.45

GST M2-8920656-6

APPROVED

COMFORT TRANSPORTATION
SHD? '1Y

TRIP NO		121222?71
START	12/12/2015	22:37
END	12/12/2015	23:07
DISTANCE RUN		30.3 KM
METER FARE	$	21.90
CHANGI AIRPORT	$	5.00
PEAK HOUR 25%	$	5.45
TOTAL FARE	$	32.35
AMOUNT PAID	$	32.35

Airport to
Clementi Rd.

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S$ 23.8

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Please enter an amount
$ 16.9244

Exchange rate of 0.7111 on 2 December 2015 View 5 Day Trend

Please note: The exchange rates given are 'bank rates'. High street rates may be subject to commission

Pocket Guide for 2 December 2015

Singapore Dollar (SGD)

S$ 5	S$ 10	S$ 50	S$ 100	S$ 250	S$ 500	S$ 1000
$ 3.56	$ 7.11	$ 35.56	$ 71.11	$ 177.78	$ 355.56	$ 711.11

United States Dollar (USD)

$ 1	$ 5	$ 10	$ 50	$ 100	$ 250	$ 500
S$ 1.41	S$ 7.03	S$ 14.06	S$ 70.31	S$ 140.63	S$ 351.56	S$ 703.13

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Browse All

Please enter an amount
KZT 575052.8121

=

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United States Dollar (USD)
Browse All

Please enter an amount
$ 1876.498

Exchange rate of 0.0033 on 11 December 2015

View 5 Day Trend

Please note: The exchange rates given are 'bank rates'. High street rates may be subject to commission

Pocket Guide for 11 December 2015

Kazakhstan Tenge (KZT)

KZT 500	KZT 1000	KZT 5000	KZT 10000	KZT 25000	KZT 50000	KZT 100000
$ 1.63	$ 3.26	$ 16.32	$ 32.63	$ 81.58	$ 163.16	$ 326.32

United States Dollar (USD)

$1	$5	$10	$50	$100	$250	$500
KZT 306.45	KZT 1532.25	KZT 3064.5	KZT 15322.5	KZT 30645	KZT 76612.5	KZT 153225

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S$ 29.45

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$ 20.9874

Exchange rate of 0.7126 on 11 December 2015

View 5 Day Trend

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Pocket Guide for 11 December 2015

Singapore Dollar (SGD)

S$ 5	S$ 10	S$ 50	S$ 100	S$ 250	S$ 500	S$ 1000
$ 3.56	$ 7.13	$ 35.63	$ 71.26	$ 178.16	$ 356.32	$ 712.65

United States Dollar (USD)

$ 1	$ 5	$ 10	$ 50	$ 100	$ 250	$ 500
S$ 1.4	S$ 7.02	S$ 14.03	S$ 70.16	S$ 140.32	S$ 350.8	S$ 701.61

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32.35

Type a country or currency
United States Dollar (USD)
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Please enter an amount
23.0541

Exchange rate of 0.7126 on 11 December 2015 View 5 Day Trend

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Singapore Dollar (SGD)

$ 3.56	$ 7.13	$ 35.63	$ 71.26	$ 178.16	$ 356.32	$ 712.65

United States Dollar (USD)

S$ 1.4	S$ 7.02	S$ 14.03	S$ 70.16	S$ 140.32	S$ 350.8	S$ 701.61

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DAT, INC.
703-572-8294
TAXI CAB 046

Date:	12/12/15
Trip ID:	1069
Start:	04:08PM
1 Saarinen Cir Sterling	
End:	04:51PM
910 16th St NW Washingto	
Dist:	27.20mi
Fare:	$63.98
Extras:	$0.00
Tip:	$9.60
Total:	$73.58

Signature*

CC:	****1055
Tran:	887253
Auth:	515122

THANK YOU

PASSENGER COPY

M)

[redacted]

RECEIPT: YOUR PAID OPTION(S) ON BOARD V

Reference number: 768D1B1C4F

EUR 75

$79.35

Conv 1 EUR = 1.058 USD

[redacted]

4 = A 1,877.16
B 1,314.00
C 1,314.00
D 2,064.88
$6,570.04

INTERCONTINENTAL.
ALMATY

(b)(6)
Singapore, 78 Guan Chuan street, #03-41
Singapore 160078
SG DESCRIPTION

Company Name	American Embassy
Membership No.	PC 375490721
A/R Number	
Group Code	

INTERIM INVOICE 302439

Room No.	0734
Arrival	02-12-15
Departure	12-12-15 00:00:00
Adults / Children	1 / 0
Page No.	1 of 1
Cashier No.	338 / (b)(6)

Date	Text	Debits	Credits
02-12-15	Room&Tax	57,505.28	
03-12-15	Room&Tax	57,505.28	
04-12-15	Room&Tax	57,505.28	
05-12-15	Room&Tax	57,505.28	
06-12-15	Room&Tax	57,505.28	
07-12-15	Room&Tax	57,505.28	
08-12-15	Room&Tax	57,505.28	
09-12-15	Room&Tax	57,505.28	
10-12-15	Room&Tax	57,505.28	
11-12-15	Room&Tax	57,505.28	
11-12-15	American Express (b)(4); (b)(6)		575,052.80
	Total	**575,052.80**	**575,052.80**

exc
$0.00326 = 1 KZT

Balance	**0.00**	**KZT**
Total Incl. vat	**575,052.80**	**KZT**
Folio amount NET	**513,440.00**	**KZT**
VAT	**61,612.80**	**KZT**

$1,877.16

Exchange rate 1 USD = 309.12
Balance Due (USD): 1,860.29

ОО «ИНТЕРНЕТ ОТЕЛЬ» БИН:950940000089
FRONT OFFICE
УЛ. ЖЕЛТОКСАН, 181 ТЕЛ. 258-50-00
ОО КАЗКОММЕРЦБАНК
АЛМАТЫ КАЗАХСТАН
ТЕРМИНАЛ: 05021442
ПУНКТ #: 398000005021442
ICC:0000000025010001
ICC:AMERICAN EXPRESS
AMEX/UP
3*** **** ***1 055
ОПЛАТА
ПАКЕТ: 003035 ЧЕК No: 000013
Дата: Дек 11, 15 Время: 20:36
RRN: 534501980652 КОД АВТ.: 807040
СУММА:
KZT 575052.80
КОД:00 - ЗАВЕРШЕНО УСПЕШНО
GOLLOGLY/CARLYLE

(b)(6)

ОПЛАЧИВАЙТЕ
КАРТОЧКОЙ КАЗКОМА
И ПОЛУЧАЙТЕ
ДО 30% БОНУСОВ
ТЕЛ. 258-51 11,
WWW.KKB.KZ
ИНТЕРНЕТ-БАНКИНГ #1
БЕСПЛАТНЫЕ ВЫПИСКИ ПО СЧЕТАМ
HTTPS://WWW.HOMEBANK.KZ
ТЕЛ. (727)258 53 34
РЕГИСТРАЦИЯ/АБ.ПЛАТА - 0 ТЕНГЕ

4A

InterContinental.
ALMATY

(b)(6)

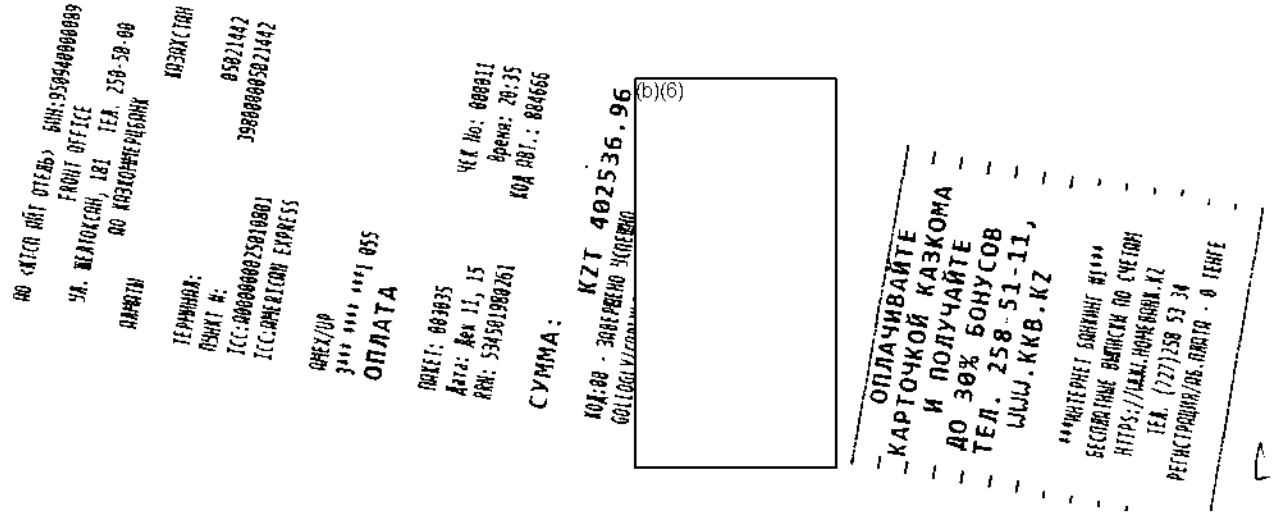
Duke-Nus Graduate Medical School
8 College Rd
Singapore 169857

Company Name	American Embassy	Room No.	0434
Membership No.	PC 108879008	Arrival	05-12-15
A/R Number		Departure	12-12-15 00:00:00
Group Code		Adults / Children	1 / 0
		Page No.	1 of 1
INTERIM INVOICE 302438		Cashier No.	338 (b)(6)

Date	Text	Debits	Credits
05-12-15	Room&Tax	57,505.28	
06-12-15	Room&Tax	57,505.28	
07-12-15	Room&Tax	57,505.28	
08-12-15	Room&Tax	57,505.28	
09-12-15	Room&Tax	57,505.28	
10-12-15	Room&Tax	57,505.28	
11-12-15	Room&Tax	57,505.28	
11-12-15	American Expres (b)(4); (b)(6)		402,536.96 $1314.00
	Total	**402,536.96**	**402,536.96**

Balance	**0.00**	**KZT**
Total Incl. vat	**402,536.96**	**KZT**
Folio amount NET	**359,408.00**	**KZT**
VAT	**43,128.96**	**KZT**

Exchange rate 1 USD = 309.12
Balance Due (USD): 1,302.20



CIB

INTERCONTINENTAL.
ALMATY

(b)(6)

Duke-NUS Graduate Medical School Singapore
8 College Road
Singapore 169857

		Room No.	0403
Company Name	American Embassy	Arrival	05-12-15
Membership No.		Departure	12-12-15 00:00:00
A/R Number		Adults / Children	1 / 0
Group Code		Page No.	1 of 1
INTERIM INVOICE 302437		Cashier No.	338 (b)(6)

Date	Text	Debits	Credits
05-12-15	Room&Tax	57,505.28	
06-12-15	Room&Tax	57,505.28	
07-12-15	Room&Tax	57,505.28	
08-12-15	Room&Tax	57,505.28	
09-12-15	Room&Tax	57,505.28	
10-12-15	Room&Tax	57,505.28	
11-12-15	Room&Tax	57,505.28	
11-12-15	American Express (b)(4); (b)(6)		402,536.96 $1314.00
	Total	**402,536.96**	**402,536.96**

Balance	**0.00**	**KZT**
Total Incl. vat	**402,536.96**	**KZT**
Folio amount NET	**359,408.00**	**KZT**
VAT	**43,128.96**	**KZT**

Exchange rate 1 USD = 309.12
Balance Due (USD): 1,302.20

АО «КТСП АЙТ ОТЕЛЬ» БИН:950940000089
FRONT OFFICE
УЛ. ЖЕЛТОКСАН, 181 ТЕЛ. 250-50-00
АО КАЗКОММЕРЦБАНК
АЛМАТЫ КАЗАХСТАН
ТЕРМИНАЛ: 05021442
ПУНКТ #: 398000005021442
ICC:A0000000250101001
ICC:AMERICAN EXPRESS
AMEX/UP
3*** **** ***1 855
ОПЛАТА
ПАКЕТ: 003035 ЧЕК No: 000012
Дата: Дек 11, 15 Время: 20:35
RRN: 534501900432 КОД АВТ.: 834143
СУММА:
KZT 402536.96 (b)(6)
КОД:00 - ЗАВЕРШЕНО УСПЕШНО (b)(6)

ОПЛАЧИВАЙТЕ
КАРТОЧКОЙ КАЗКОМА
И ПОЛУЧАЙТЕ
ДО 30% БОНУСОВ
ТЕЛ. 258-51-11,
WWW.KKB.KZ
ИНТЕРНЕТ-БАНКИНГ #1
БЕСПЛАТНЫЕ ВЫПИСКИ ПО СЧЕТАМ
HTTPS://WWW.HOMEBANK.KZ
ТЕЛ. (727)258 53 34
РЕГИСТРАЦИЯ/АБ.ПЛАТА - В ТЕНГЕ

4C

INTERCONTINENTAL.
ALMATY

(b)(6)

1 Sutter Street, Suite 600
1 Sutter St Ste 600
San-Francisco Ca 94104-4923

Company Name	American Embassy	Room No.	0606
Membership No.	PC 428968097	Arrival	01-12-15
A/R Number		Departure	12-12-15 00:00:00
Group Code		Adults / Children	1 / 0
		Page No.	1 of 1
INTERIM INVOICE 302436		Cashier No.	338 (b)(6)

Date	Text	Debits	Credits
01-12-15	Room&Tax	57,505.28	
02-12-15	Room&Tax	57,505.28	
03-12-15	Room&Tax	57,505.28	
04-12-15	Room&Tax	57,505.28	
05-12-15	Room&Tax	57,505.28	
06-12-15	Room&Tax	57,505.28	
07-12-15	Room&Tax	57,505.28	
08-12-15	Room&Tax	57,505.28	
09-12-15	Room&Tax	57,505.28	
10-12-15	Room&Tax	57,505.28	
11-12-15	Room&Tax	57,505.28	
11-12-15	American Express (b)(4); (b)(6)		632,558.08 $2,064.88
	Total	**632,558.08**	**632,558.08**

Balance	**0.00**	**KZT**
Total incl. vat	**632,558.08**	**KZT**
Folio amount NET	**564,784.00**	**KZT**
VAT	**67,774.08**	**KZT**

Exchange rate 1 USD = 309.12
Balance Due (USD): 2,046.32

АО «ХИЛТ АЙТ ОТЕЛЬ» БИН:950940000089
FRONT OFFICE
УЛ. ЖЕЛТОКСАН, 181 ТЕЛ. 258-50-00
АО КАЗКОММЕРЦБАНК
ДАМАТЫ КАЗАХСТАН

ТЕРМИНАЛ: 05821442
ПУНКТ #: 1988000005021442
ICC:A0000000250108B1
ICC:AMERICAN EXPRESS

AMEX/UP
3*** **** **** 1 055
ОПЛАТА

ПАКЕТ: 003835 ЧЕК No: 000010
Дата: Дек 11, 15 Время: 20:29
RRN: 534501978063 КОД АВТ.: 823724

СУММА: KZT 632558.08
КОД:00 - ЗАВЕРШЕНО УСПЕШНО
GOLDOLY/CARLYLE

(b)(6)

ОПЛАЧИВАЙТЕ
КАРТОЧКОЙ КАЗКОМА
И ПОЛУЧАЙТЕ
ДО 30% БОНУСОВ
ТЕЛ. 258-51-11,
WWW.KKB.KZ

ИНТЕРНЕТ-БАНКИНГ #1
БЕСПЛАТНЫЕ ВЫПИСКИ ПО СЧЕТАМ
HTTPS://WWW.HOMEBANK.KZ
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РЕГИСТРАЦИЯ/ОБ.ПЛАТА - В ТЕНГЕ

4D

FREE RIDES

YOUR TRIP

8:55 AM on November 30 2015

FOIA (b)(6)

Your profile 66 %

Ad
Ve
Ve f

My Trips

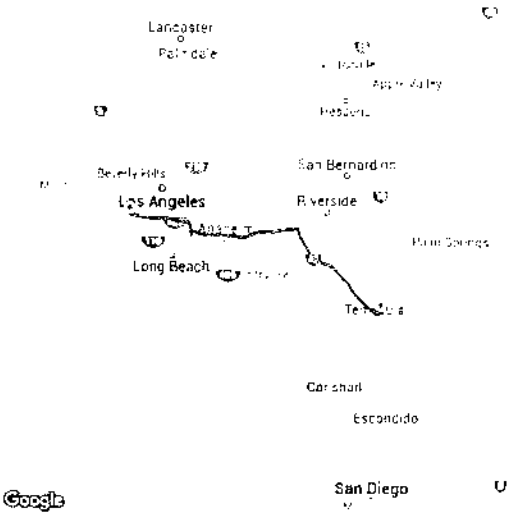
Profile

Payment

Free Rides **NEW!**

Log Out

Lost something?



FOIA (b)(6)

CAR	MILES	TRIP TIME
UBERX	**98.16**	**02:16:18**

FARE BREAKDOWN

Base Fare	1.00
Distance	107.98
Time	28.62
Subtotal	**$137.60**
Safe Rides Fee (?)	**2.45**
CHARGED Personal •••• 1055	**$140.05**

Metabiota Record of Travel

FOR TRAVEL ADVANCE: GRAND TOTAL M&IE REQUESTED: **$3,174**

FOR POST-TRAVEL: TOTAL M&IE requested: **$3,064**

State Department Hotel costs (per night): N/A

Actual hotel costs paid (per night): N/A

Credit card used: N/A

Final Tally Airfare costs (must attach invoice AND signed travel permission): N/A

TOTAL reimbursables (e.g., taxi) - list amounts, dates, attach ALL receipts: **$55 – Visa Expense for** (b)(6)

FOR TRAVEL ADVANCE ONLY: GRAND TOTAL REQUESTED/RECEIVED – **$3,174**

FOR POST-TRAVEL ONLY: TOTAL M&IE PLUS REIMBURSEMENTS MINUS TRAVEL ADVANCE – **$3,119**

BALANCE OWED TO METABIOTA: $55 (Visa Not Required for Dr. Linfa Wang)

(b)(6)

Signature of traveler

07 December 2015
date

(b)(6)

Authorized signature

7 December 2015
date

FOR ADMINISTRATIVE USE: PIs make sure both pre- and post ROT's are filed together

617.5
914.5
914 5
617.5
3,064.00

Revised February 2015

6

METABIOTA

Metabiota, Inc.

CASH RECEIPT

Name of Recipient (b)(6)

Purpose of expence Per diem for meals / MERS COV Training / Almaty, KZ / 05-12 December 2015

Project Number TD-002 - MERS - KZ

Amount (in digits and in words) $617.50 / six hundred seventeen US dollars and fifty cent

Date 05 Dec 2015

Signature of Recipient

(b)(6)

Handled by

(b)(6)

6A

CASH RECEIPT

METABIOTA

Metabiota, Inc.

Name of Recipient (b)(6)

Purpose of expense Per diem for meals / TD-002 - Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-CoV) in Camels and Bats in Kazakhstan

Location: Almaty, Kazakhstan

Dates: 02 - 12 December 2015

Project Number/ Charge: TD 002 AEP KZ Clin 1008

Amount (in digits and in words) $914.50 / nine hundred and fourteen US dollars and fifty cents

Allowance breakdown:

Breakfast:	$15.00
Lunch	$25.00
Dinner:	$40.00
Incidentals:	$19.00
TOTAL:	$99.00

2-Dec	3-Dec	4-Dec	5-Dec	6-Dec	7-Dec	8-Dec	9-Dec	10-Dec	11-Dec	12-Dec	Total
$74.25	$99.00	$99.00	$99.00	$99.00	$74.00	$74.00	$74.00	$74.00	$74.00	$74.25	$ 914.50

Notes: Per diem - lunch to be provided by CLS on 07-12 Dedcember

Signature of Recipient:

(b)(6)

4 Dec 2015
Date

Handled by:

(b)(6)

12/4/15
Date

6B

CASH RECEIPT

METABIOTA

Metabiota, Inc.

Name of Recipient (b)(6)

Purpose of expense Per diem for meals and Visa / TD-002 - Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-CoV) in Camels and Bats in Kazakhstan

Location: Almaty, Kazakhstan

Dates: 02 - 12 December 2015

Project Number/ Charge TD 002 AEP KZ Clin 1008

Amount (in digits and in words) $969.50 / nine hundred and sixty nine US dollars and fifty cents

Allowance breakdown:

Breakfast:	$15.00	Visa:	$55.00
Lunch	$25.00		
Dinner:	$40.00		
Incidentals:	$19.00		
TOTAL:	$99.00		

914.50

2-Dec	3-Dec	4-Dec	5-Dec	6-Dec	7-Dec	8-Dec	9-Dec	10-Dec	11-Dec	12-Dec	Visa	Total
$ 74.25	$ 99.00	$ 99.00	$ 99.00	$ 99.00	$ 74.00	$ 74.00	$ 74.00	$ 74.00	$ 74.00	$ 74.25	~~$55~~	$ 969.50

separate receipt

Notes: Per diem - lunch to be provided by CLS on 07-12 Dedcember

Signature of Recipient:

(b)(6)

12/04/15
Date

Handled by:

(b)(6)

12/4/15
Date

6C

CASH RECEIPT

METABIOTA

Metabiota, Inc.

Name of Recipient (b)(6)

Purpose of expense Per diem for meals/ TD-002 - Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-CoV) in Camels and Bats in Kazakhstan

Location: Almaty, Kazakhstan

Dates: 05 - 12 December 2015

Project Number/ Charge: TD 002 AEP KZ Clin 1008

Amount (in digits and in words) $617.50 / six hundred and seventeen US dollars and fifty cents

Allowance breakdown:

Breakfast:	$15.00
Lunch	$25.00
Dinner:	$40.00
Incidentals:	$19.00
TOTAL:	$99.00

5-Dec	6-Dec	7-Dec	8-Dec	9-Dec	10-Dec	11-Dec	12-Dec	Total
$ 74.25	$ 99.00	$ 74.00	$ 74.00	$ 74.00	$ 74.00	$ 74.00	$ 74.25	$ 617.50

Notes: Per diem - lunch to be provided by CLS on 07-12 Dedcember

Signature of Recipient:

(b)(6)

07 Dec 2015
Date

Handled by:

(b)(6)

7-12-15
Date

6 D

COLLECTION SLIP

REFERENCE № 001019 **AMOUNT in USD** 55 **only**

COLLECTION DATE: 27 / 11 / 2015 @ 4.00 – 5.00pm

PAYMENT MUST BE MADE ONLY BY CASH DEPOSIT AT THE BANK. PAYMENT MADE BY CHEQUE OR TELEGRAPHIC TRANSFERARE NOT REFUNDABLE.

This collection slip & Payment slip from DBS/POSB Bank should be presented upon collection date.

IMPORTANT! NET amount must be received into Kazakhstan Embassy account.

ALL BANKING FEES SHOULD BE PAID BY APPLICANT. Otherwise, your visa application or any other application will be refused.

Note: Acceptance of your visa application form / documents for legalization / other documents does not imply that your application will necessarily be approved.

DBS POSB

Beneficiary:	Embassy of the Republic of Kazakhstan
USD Account:	0003-023446-01-4
Beneficiary Bank:	DBS Bank Ltd
SWIFT Code:	DBSSSGSG

1 Kim Seng Promenade
#09-04/05
Great World City,
East Office Tower
Singapore 237994

Facebook: https://www.facebook.com/KazakhstanEmbassy

Webpage: http://www.kazakhstan.org.sg

Email address: visa@kazakhstan.org.sg

Tel.: +65 65366100
FAX: +65 64388990

TD 003 Bat Borne Virus from Annual Bat Cull India - Canceled and will not be invoiced

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop

Objectives

Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/2015 - 05/15/2016

CLIN 1002 – Labor

Program Manager:

Hours incurred during this period were for work provided by (b)(6) the Metabiota program manager in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities conducted include, routine conference calls and email communications with CBEP and A&AS regional leadership, Gryphon Scientific SMEs, RSS in-country partners, and Metabiota project personnel to coordinate conference invitations, abstract submissions and review, travel logistics, conference logistics for submission to CLS, and other routine project needs. In addition, activities included follow up on travel coordination efforts for all confirmed speakers, participants, and Scientific Advisory Board (SAB) members traveling to Amman for the conference, to include coordination of JKO trainings, completion of CLS requirements, and planning for the networking day. Activities also included submission of CCR forms, CLS travel forms for additional delegations, and updating logistics requirement necessary to conduct the conference.

Research and Data Analysts:

Hours incurred during this period were for work provided by (b)(6) the Metabiota project coordinator in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. (b)(6) activities included participation in routine project conference calls and travel tracking, coordination, and communication with all invited speakers and SAB members to ensure information was gathered for facilitation of JKO training requirements, travel needs for submission to CLS, and overall coordination of attendance (b)(6) worked closely with Gryphon SMEs, CLS and the Metabiota travel coordinator to ensure all participant information was secured, and accurately collected, logged, and submitted for vetting purposes. In addition, she reviewed conference documents and supported completion of the Master CLS form, revising logistics requested as needed, and in directed coordination with A&AS team members.

Hours incurred during this period also included work provided by (b)(6) n support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan (b)(6) (b)(6) hours included working directly with Metabiota contracts and program managers to provide monthly invoicing and reporting requirements to the Metabiota team.

Subject Matter Expert III:

Hours incurred during this period were for work provided by (b)(6) in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities included overseeing Gryphon SMEs working on this project, continuing to finalize the conference agenda, securing all speakers for the plenary sessions, and lectures planned during this

engagement. In addition, submitted abstracts were compiled and finalized to support completion of the abstract book (b)(6) continued to participate in routine conference calls and communications with CBEP, RSS, and Metabiota to facilitate coordination of the event and provide key information on invited speakers to include gathering their abstract submissions, CVs, travel requirements, etc., for review and submission to other team members (b)(6) continued to coordinate with the team regarding all logistics requirements, to include restructuring of the networking day.

Subject Matter Expert I:

Hours incurred during this period were for work provided by (b)(6) (b)(6) eplacement on the program, in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities conducted by (b)(6) (b)(6) included continuing to finalize the conference agenda, reaching out to identified speakers for the plenary sessions, and lectures planned during this engagement. They collected and reviewed the abstracts, compiling them into the abstract book for submission to CBEP. They participated in routine conference calls and communications with CBEP, RSS, and Metabiota to facilitate coordination of the event and provide key information on invited speakers to include gathering their abstract submissions, CVs, travel requirements, etc., for review and submission to other team members. They supported finalization of the abstract book, and researched additional features and add-ons to the conference website, for review and approval, that would enhance networking capabilities among participants.

CLIN 1003 – Materials and Supplies

Material and Supply costs incurred during this period include costs for the publication and design of the conference logo, abstract and proceedings book, as well as the web banner. Additional costs were incurred for the creation and hosting of the conference website.

CLIN 1004 – ODCs

Other Direct Costs were not incurred during this period.

CLIN 1005 – Travel

Travel costs were incurred during this period to support the purchase of airfare and visas for Metabiota and Gryphon personnel in preparation for attendance at the conference in March. In addition, costs were incurred to support mailing of the ISOPREP forms for completion of DoD travel requirements. As well, travel costs from the pre-coordination site visit conducted in October were incurred for Gryphon personnel's local transportation, and visa fees supporting this trip.

Metabiota						
TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(6)						

T&M Invoice

Contract PoP: 7/1/2015 – 04/30/2016 **Contract Name:** AEP – Research Collaborator & Subject Matter Experts **Contract #:** 2015-10-DTRA **Bill To:** Metabiota, Inc **Funded Total:** $218,715 **Invoice Period of Performance:** 12/01/2015-12/31/2015	**Invoice POP:** 12/01/15-12/31/15 **Invoice #: 1987** **Remit Payment to:** Gryphon Scientific, LLC 1 Halfyard Drive Brookline, NH 03033

LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
FOIA (b)(4)					
TOTAL LABOR		**249.0**	**$24,121.92**	**1,204.5**	**$110,934.63**

OTHER COSTS INVOICED	CURRENT INVOICE	CUMULATIVE INVOICE
LOADED MATERIALS & SUPPLIES - Publ & Dissem	0.00	1,340.15
LOADED MATERIALS & SUPPLIES - Workshop Website	0.00	6,300.00
TRAVEL	0.00	1,339.03
TOTAL NON LABOR INVOICED	**$0.00**	**$8,979.18**
TOTAL INVOICE (Labor Plus Other Costs)	**$24,121.92**	**$119,913.81**

The undersigned hereby certifies that the amount being invoiced represents only those amounts properly payable in accordance with the terms and conditions of the contract/subcontract and the official financial records.

(b)(6)

By: (b)(6)
Business Manager

Payment should be remitted to: Gryphon Scientific, LLC, 1 Halfyard Drive, Brookline NH 03033

Prime Contractor Program Manager:

Approved: _____

TAKOMA PARK
TAKOMA PARK, Maryland
203129997
10SC050912-0094
11/20/2015 (800)275-8777 02:02:23 PM

Sales Receipt

Product Description	Sale Unit Qty	Price	Final Price
** FORT BELVOIR VA 22060-6217 Zone-1			$16.95
Priority Mail Express 1-Day			
1.40 oz.			
USPS Tracking #:			
EL197358271US			
Scheduled Delivery Day: Sat			
11/21/15 12:00PM Money Back Guarantee			
Includes up to $100 insurance			
Signature Waived			
Issue Postage:			$16.95
Total:			$16.95

Paid by:
Cash $20.00
Change Due: $3.05

****
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****
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* Save this receipt as evidence of insurance. For information on filing an insurance claim go to https://www.usps.com/help/claims.htm

Order stamps at usps.com/shop or call 1-800-Stamp24. Go to usps.com/clickship to print shipping labels with postage. For other information call 1-800-ASK-USPS.

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****
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****
****

Bill#:1000604834647
Clerk:09

All sales final on stamps and postage.
Refunds for guaranteed services only.
Thank you for your business.

HELP US SERVE YOU BETTER

TELL US ABOUT YOUR RECENT POSTAL EXPERIENCE

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https://postalexperience.com/Pos
or scan this code with your mobile device:

RELYON
MEDIA

Date	Invoice	Invoice #
10/1/2015		20151093

Bill To

Gryphon Scientific
c/o (b)(6)
1 Hallyard Drive
Brookline, NH 03033

0 5 2015

Contract Number	Terms	Due Date	Rep
Proj No. 134	Net 30	10/31/2015	CJM

Item	Description	Rate	Qty	Amount
Contract	Creation of Website for MESA Conference In Wordpress with form collection capacity			0.00
	Contract Number HDTRA1-14-C-0104 Gryphon Project Number: 134 Gryphon Contact: FOIA (b)(6) Invoice Period: Aug 1, 2015 through Sep 30, 2015 For Questions Regarding this Invoice Contact: FOIA (b)(6) See Purchase Order for Site			
Deliverable	Website in WordPress, for MESA Conference Registration	6,000.00		6,000.00

Thank you for your business.

(b)(6)
Managing Partner

Total
$6,000.00

5 Bridge Street ~ Shelburne Falls, MA 01370 ~ 413-489-1421 ~ www.relyonsolutions.com

+590 indirect =
6,300

INVOICE

(b)(6)

Attention (b)(6)
Gryphon Scientific
October 6, 2015

Invoice Number: 10062015

RIGHTS GRANTED

Usage rights for original graphic artwork, including preliminary materials, are hereby granted to Gryphon Scientific in return for full payment of itemized expenses listed below. If payment is not received sixty (60) days after invoice date, all usage rights will be void.

Original Artwork | "Flying Helix" Logo	$	1,000
Additional Materials · Conference Proceedings Cover, Abstract Cover, Web Banner	$	250
Total	$	1,250

It was a pleasure working with you all and definitely one of my favorite projects I have designed this year. I would love to work with you all again in the future for any upcoming design projects you may need.

+ 5% indirect

= 1312.50

T&M Invoice

Contract PoP: 7 1 2015 - 04 30 2016 **Contract Name:** AEP - Research Collaborator & Subject Matter Experts **Contract #:** 2015-10-DTRA **Bill To:** Metabiota, Inc **Funded Total:** $218,715 **Invoice Period of Performance:** 11 01 2015-11 30 2015	**Invoice POP:** 11 01 15-11 30 15 **Invoice #: 1986** **Remit Payment to:** Gryphon Scientific, LLC 1 Halfyard Drive Brookline, NH 03033

LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
FOIA (b)(4)					
TOTAL LABOR		**193.50**	**$18,133.53**	**955.5**	**$86,812.71**

OTHER COSTS INVOICED	CURRENT INVOICE	CUMULATIVE INVOICE
LOADED MATERIALS & SUPPLIES - Publ & Dissem	0.00	1,340.15
LOADED MATERIALS & SUPPLIES - Workshop Website	0.00	6,300.00
TRAVEL	16.95	1,339.03
TOTAL NON LABOR INVOICED	**$16.95**	**$8,979.18**
TOTAL INVOICE (Labor Plus Other Costs)	**$18,150.48**	**$95,791.89**

The undersigned hereby certifies that the amount being invoiced represents only those amounts properly payable in accordance with the terms and conditions of the contract/subcontract and the official financial records.

(b)(6)

By: (b)(6)
Business Manager

Payment should be remitted to: Gryphon Scientific, LLC, 1 Halfyard Drive, Brookline NH 03033

Prime Contractor Program Manager:

Approved: ___ _____ _____ _____ _____ _____

		Contract #	
(b)(6)		2015-05-DTRA	
Program Manager		Project	
(b)(6)		India PDG	
Dates of Trip		Total Number of Days	
10/9/15	10/13/15	5	

Purpose of Trip

Preconference Meetings in Jordan

Account	Description	Vendor	Date									Method of Payment		Total Amount
			10/9/15	10/10/15	10/11/15	10/12/15	10/13/15	10/14/15	10/15/15	10/16/15	10/17/15	10/18/15	Corporate	Reimburse	
	Flight												$ -		$ -
	Lodging												$ -		$ -
01021.01.105.FSU.03	Per Diem		105.75	141	85	85	105.75							$ 522.50	
	Ground Transportaion													$ -	
01021.01.105.FSU.03	Visa Fee			56.42										$ 56.42	
01021.01.105.FSU.03	Airport Parking						68							$ 68.00	

Guarantee

Washington Dulles Int'l Airport

44910 Saarinen Circle
Dulles, VA 20166
Customer Service Number:
(703) 572-4580

Shift/Seq. #: 081/23843
Entry lane 15: 10/09/15 03:56 pm
Payment lane 01: 10/13/15 03:43 pm

PURCHASE

Amount: $68.00

USD

Card: $68.00 Approved
American Express ... 1204
Expiration: **/**
Authorization: 509974
LPA: 3323
Sequence: 27

Exit Before 10/13/15 04:26 pm
Or Additional Charges May Apply

Thank You And Have A Nice Day

Name	Contract #
(b)(6)	2015-05-DTRA
(b)(6)	Project
	India PDG
Dates of Trip	Total Number of Days
10/9/15 10/13/15	$

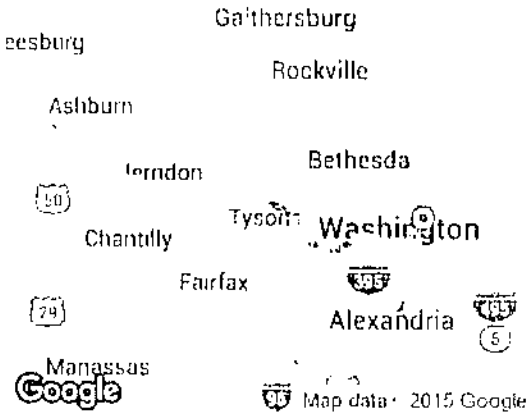
Purpose of Trip

Preconference Meetings in Jordan

Account	Description	Vendor	Date										Method of Payment		Total Amount
			10/9/15	10/10/15	10/11/15	10/12/15	10/13/15	10/14/15	10/15/15	10/16/15	10/17/15	10/18/15	Corporate	Reimburse	
	Flight												$ -		$ -
	Lodging												$ -		$ -
01021.01.105.FSU.03	Per Diem		105.75	141	85	85	105.75							$ 522.50	
01021.01.105.FSU.03	Ground Transportaion		51.61				44.63							$ 96.24	
01021.01.105.FSU.03	Visa Fee			56.42										$ 56.42	

$44.63

Thanks for choosing Uber, FOIA (b)(6)



03:41pm

1 [illegible] Cir, Sterling, VA

04:40pm

FOIA (b)(6)

CAR	MILES	TRIP TIME
uberX	28.86	00:59:13

FARE BREAKDOWN

Base Fare	2.00
Distance	29.44
Time	11.84
Subtotal	**$43.28**
Safe Rides Fee (?)	**1.35**

CHARGED

Personal •••• 2009 **$44.63**

(b)(6) You rode with (b)(6)

Issued by Donnen on behalf of Roger

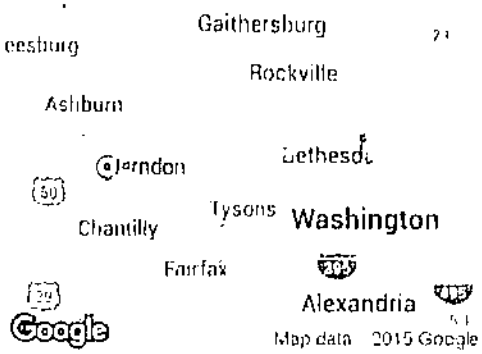
Uber Support

Contact us with questions about your [illegible]

Leave [illegible] Track [illegible]

$51.61

Thanks for choosing Uber, FOIA (b)(6)



- 02:19pm
  FOIA (b)(6)
- 03:41pm
  [redacted] Sterling, VA

uberX	31.21	01:21:21

FARE BREAKDOWN

Base Fare	2.00
Distance	31.83
Time	16.27
Subtotal	**$50.10**
Safe Rides Fee (?)	**1.00**
DC Taxicab Commission Fee (?)	**0.51**

CHARGED
Personal •••• 2009 **$51.61**

(b)(6) You rode with (b)(6)

Give $20, Get $20

Share code: [redacted]

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Invoice and Narrative 12/01/15-12/31/15

Prepared for:



Prepared by:

METABIOTA

Invoice Summary

METABIOTA

Invoice December 01-December 31 2015

Invoice #

Remit To:
Metabiota, Inc..
1 Sutter Street. Suite 600
San Francisco
CA
94104

Bill To:
Defense Threat Reduction Agency
8725 John J. Kingman Rd.
Ft. Belvoir
VA
22060-6201

CLIN	CURRENT INVOICE	CUMULATIVE INVOICED
CLIN 1001	$ 161,520.52	$1,211,403.90
CLIN 1002	$ 295,908.70	$3,038,145.77
CLIN 1003	$ 13,349.97	$327,812.97
CLIN 1004	$ 1,822.54	$5,820.90
CLIN 1005	$ 33,542.34	$163,383.47
TOTAL	**$ 506,144.08**	**$4,746,567.02**

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 - 12/31/15

CLIN 1002 – Labor
No labor hours were invoiced in December as the training effort was on hold pending the completion of Leahy vetting of the Cameroon Ministry of Defense's trainees by the United States government.

CLIN 1003 – Materials and Supplies
Material and Supply costs were not incurred during this period.

CLIN 1004 – ODCs
Other Direct Costs were not incurred during this period.

CLIN 1005 – Travel
No travel costs were incurred during this period.

Metabiota

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)	Program					

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan

Objectives

To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-CoV) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 05/16/2015 - 01/31/2016

CLIN 1002 – Labor

Program Manager:

Hours incurred during this period were for work provided by (b)(6) the Metabiota program manager in support of finalizing all preparations and executing the MERS-CoV training event held from 07-11 December 2015 in Almaty, Kazakhstan. (b)(6) department for Almaty on 30 November, and upon arrival worked with Duke NUS trainers to prepare and finalize all requirements for the training event at IMV, to include conducting "dry runs" in the lab, finalizing the agenda, and set up. She conducted an inventory of all materials and supplies procured for the event, and finalized CDRL 11 Materials and Transfer Agreement. The training was conducted successfully from 7-11 December, and the Training Event Trip Report submitted following completion of the event. (b)(6) closed out all engagements in-country following the event and worked with Duke NUS and TMC to ensure deliverables and final invoices were received.

Research and Data Analyst:

Hours incurred during this period were for work provided by (b)(6) the Metabiota project coordinator in support of executing the MERS-CoV training event from 07-11 December 2015 in Almaty, Kazakhstan. Activities conducted during this period included, daily coordination and communication with CLS, in-country partners, and Duke-NUS trainers to ensure internationally procured reagents and supplies were picked up and shipped to Kazakhstan, in accordance with custom clearance requirements prior to start of the event. In addition, she finalized administrative documents for inventory and supply logs for both internationally and locally procured materials, per diem payments for Duke NUS trainers, and the daily agenda and travel schedule for the Metabiota and Duke NUS team during the training week. Lastly, she coordinated with all partners to ensure the final participant list was complete for the training event, capturing additional participants from RIBSP and CH2M Hill. M(b)(6) (b)(6) provided US-based support during the event, and assisted in closing out requirements following training completion at the end of the month.

Trainer II:

Hours incurred during this period were for work provided by (b)(6) and (b)(6) in support of executing the MERS-CoV training event held from 07-11 December 2015 in Almaty, Kazakhstan. (b)(6) arrived early in Almaty to prepare for the event with (b)(6) including laboratory set-up and finalizing the agenda, and administrative issues with in-country partners. (b)(6) joined the team, and all three trainers successfully implemented the training event. Additional hours were incurred during this period were for the completion of all required deliverables and invoices for Duke NUS on this project.

Trainer III:

Hours incurred during this period were for work provided by (b)(6) Wang during the MERS-CoV training event held from 07-11 December 2015 in Almaty, Kazakhstan (b)(6) participated in the training event, as a senior trainer, and executed both practicum and classroom trainings.

Corrected Hours- Hours previously incurred for (b)(6) on this project were billed at at Trainer III instead of Trainer II level. Costs are corrected on this invoice to reflect (b)(6) status as a Trainer II, adjusting the cost to the government.

CLIN 1003 – Materials and Supplies

Material and Supply costs were incurred during this period for locally procured materials and supplies supporting the laboratory training event from 07-11 December in Almaty, Kazakhstan. Supply purchases included laboratory consumables necessary to execute the laboratory practicum portion of the training.

CLIN 1004 – ODCs

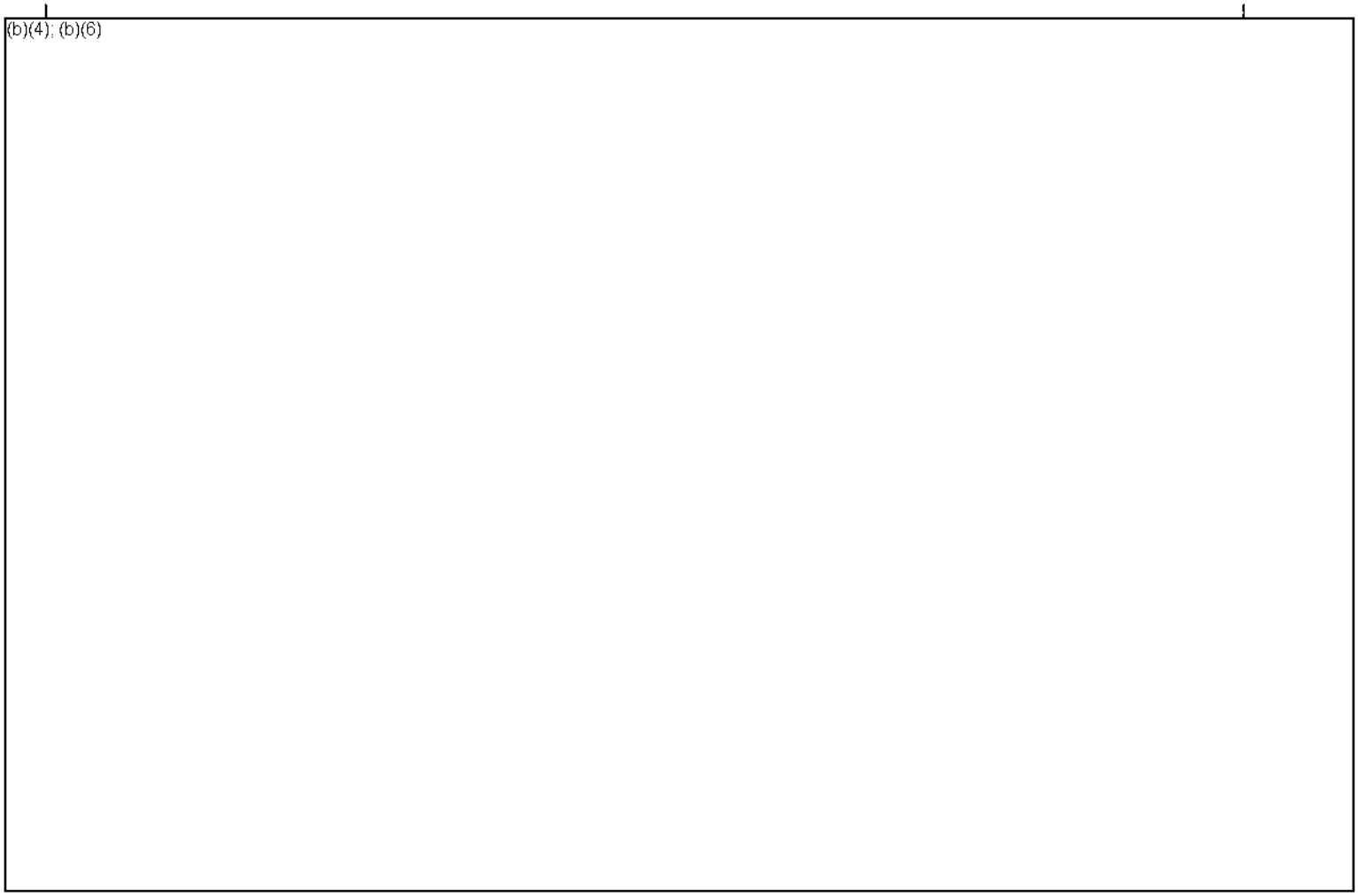
Other Direct Costs were incurred during this period for DBA insurance covering travel for Metabiota and Duke NUS trainers to Almaty, Kazakhstan to conduct the MERS-CoV training event. In addition, DBA costs were incurred to cover the Duke NUS trainers through 31 December 2015, inline with the PoP extension received for this project.

CLIN 1005 – Travel

Foreign Travel costs incurred during this period were in support of Metabiota and Duke NUS travel to Almaty, Kazakhstan to conduct the MERS-CoV training from 07-11 December 2015. Costs included in travel are for accommodations, ground transportation, and per diem.

Metabiota						
TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)


(b)(4); (b)(6)

Invoice Template

Name of Organization: TMC
Address: 6001 Indian School Rd. NE, Suite 190 Albuquerque, NM 87110
Date: 1/7/2016
Subcontract Number:

ATTN: invoices@metabiota.com
Metabiota Inc.

Attn: Accounts Payable
1 Sutter Street, Suite 600
San Francisco, CA 94104

Project Name: Sept 2015 – Dec 2015 in Almaty, KZ

Deliverable and Period of Performance Covered by this invoice: 7/16/15-12/31/15

Total Amount Due: $4776.46

The undersigned hereby certifies that the amount being invoiced represents only those amounts properly payable in accordance with the terms and conditions of the Subcontract Agreement and the official financial records.

By (b)(6)

Payment should be remitted to (provide details for ACH or Wire Transfer)

Payments shall be made in US Dollars via ACH or Wire to:

Bank Name: First National Rio Grande
Bank Address: 2011 Mountain Rd NW Albuquerque, NM 87104
Account Holder: Technology Management Co
Account No: (b)(4); (b)(6)
ABA Routing No: 1070004400

Prime Contractor Program Manager:

Approved: _____

Standard Form 1034
Revised October 1987
Department of the Treasury
I TFM 4-2000

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

VOUCHER NO.
META1509-00-002

U. S. DEPARTMENT, BUREAU, OR ESTABLISHMENT AND LOCATION
METABIOTA, Inc.
Attention Accounts Payable
1 Sutter Street
Suite 600
San Francisco, CA 94104
United States

DATE VOUCHER PREPARED
Jan 7,2016

CONTRACT NUMBER AND DATE
Jun 19,2015

REQUISITION NUMBER AND DATE
2015-09-PO

SCHEDULE NO.

PAID BY

PAYEE'S NAME AND ADDRESS
Technology Management Co.
6001 Indian School Road NE
Suite 190
Albuquerque, NM 87110
United States

DATE INVOICE RECEIVED

DISCOUNT TERMS
NET 30

PAYEE'S ACCOUNT NUMBER

SHIPPED FROM | TO | WEIGHT | GOVERNMENT B/L NUMBER

NUMBER AND DATE OF ORDER	DATE OF DELIVERY OR SERVICE	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary)	QUANTITY	UNIT PRICE COST	UNIT PRICE PER	AMOUNT (1)
	From Jul 16,2015 To Dec 31,2015	FOIA (b)(6)				
(Use continuation sheet(s) if necessary)		(Payee must NOT use the space below)			TOTAL	$4,776.46

PAYMENT:
- PROVISIONAL
- COMPLETE
- PARTIAL
- FINAL
- PROGRESS
- ADVANCE

APPROVED FOR -$
EXCHANGE RATE -$1.00
DIFFERENCES
BY 2
TITLE
Amount verified; correct for payment
(Signature or Initials)

Pursuant to authority vested in me, I certify that this [illegible] correct and [illegible]

1/7/16
(Date)

(b)(6)
(Signature or Typed Name of Certifying Officer)

(b)(6)

(b)(6)

ACCOUNTING CLASSIFICATION

PAID BY

CHECK NUMBER	ON ACCOUNT OF U.S. TREASURY	CHECK NUMBER	ON (Name of Bank)
CASH $	DATE	PAYEE 3	

1 When stated in foreign currency, insert name of currency.
2 If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the space provided, over his official title.
3 When a voucher is receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary", or "Treasurer", as the case may be.

PER

TITLE

Previous edition usable

NSN 7540-00-900-2234

PRIVACY ACT STATEMENT

The information requested on this form is required under the provisions of 31 U.S.C. 82b and 82c, for the purpose of disbursing Federal money. The information requested is to identify the particular creditor and the amounts to be paid. Failure to furnish this information will hinder discharge of the payment obligation.

TMC
GLOBAL PROFESSIONAL SERVICES

Billing Number: META1509-00-002
Invoice Number: 10009647

Invoice Date: 01/07/2016

Description:
Billing POC: FOIA (b)(6)

Bill To:
METABIOTA, Inc.
Attention Accounts Payable
1 Sutter Street
Suite 600
San Francisco, CA 94104
United States

Remit To:
Technology Management Co.
6001 Indian School Road NE
Suite 190
Albuquerque, NM 87110
United States

			Funded Value
Customer Number:	100000000076	Cost:	$18,732.51
		Fee:	$0.00
Subcontractor Number:		Total:	$18,732.51
Customer PO Number:	2015-09-PO		
Project Number:	METABIOT.001	Cumulative Amount Billed:	$17,276.37
Project Name:	META1509		
Terms:	NET 30	Billing Period From:07/16/2015	Billing Currency: USD
Due Date:	02/06/2016	To:12/31/2015	

	Current Hours		Current Amount	Cumulative Hours	Cumulative Amount
XXLOMR Logistics Manager XX	23.00		$1,564.00	63.00	$4,284.00
TOTAL LABOR	23.00		$1,564.00	63.00	$4,284.00
Conf Materials			$0.00		$7,422.64
Procurement Material			2,701.82		2,701.82
Temporary Services			0.00		99.99
Customs Duties			0.00		702.69
TOTAL OTH. DIR. COST			$2,701.82		$10,927.14
G&A		18.9000%	$510.64		$2,065.23
TOTAL INDIRECTS			$510.64		$2,065.23
Invoice Total			$4,776.46		$17,276.37

Current Incurred Hours: 23.00
Cumulative Incurred Hours: 63.00

The undersigned hereby certifies that the amount being invoiced represents only those amounts properly payable in accordance with the terms and co(b)(6) ncial records.

By:

TMC
GLOBAL PROFESSIONAL SERVICES

Billing Number:	META1509-00-002	Project Number:	METABIOT.001	Billing Currency:	USD
Invoice Number:	10009647	Project Name:	META1509	Invoice Date:	01/07/2016

Labor Supporting Schedule - T&M

Group Description: TOTAL LABOR

Labor Cat Desc	Empl/Vendor	T/S Date	Current Hours	Rate	Current Amount	Cumulative Hours	Cumulative Amount
XXLOMR Logistics Manager XX	(b)(6)		0.00	68.0000	$0.00	23.00	$1,564.00
XXLOMR Logistics Manager XX		12/04/2015	11.00	68.0000	748.00	11.00	748.00
XXLOMR Logistics Manager XX		12/11/2015	12.00	68.0000	816.00	12.00	816.00
XXLOMR			23.00		$1,564.00	46.00	$3,128.00
XXLOMR Logistics Manager XX			0.00	68.0000	0.00	17.00	1,156.00
XXLOMR			0.00		$0.00	17.00	$1,156.00
XXLOMR Logistics Manager XX			23.00		$1,564.00	63.00	$4,284.00
TOTAL LABOR			23.00		$1,564.00	63.00	$4,284.00

TMC
GLOBAL PROFESSIONAL SERVICES

Billing Number:	META1509-00-002	Project Number:	METABIOT.001	Billing Currency:	USD
Invoice Number:	10009647	Project Name:	META1509	Invoice Date:	01/07/2016

Non-Labor Supporting Schedule

Group Description: TOTAL OTH. DIR. COST

Description	Transaction	JE No./ Vchr No.	Current FY/Pd	Vendor	Invoice ID	Current Amount	Cumulative Amount
Line Description:	Conf Materials						
Total: Conf Materials						$0.00	
Line Description:	Procurement Material						
Procurement Material 0.1-10ul tips / sterile / 96 pcs/ MG/SG	Procurement Materials	10129279	2015/12	VELD LLP	2303	$102.20	
Procurement Material 2-200ul tips / sterile / 96 pcs/ Germany	Procurement Materials	10129279	2015/12	VELD LLP	2303	84.49	
Procurement Material Cryotubes 2 ul / 1 pack *100 pcs / sterile	Procurement Materials	10129279	2015/12	VELD LLP	2303	21.07	
Procurement Material Pipetboy	Procurement Materials	10129303	2015/12	Medland LLP	969	740.30	
Procurement Material 8 multichannel pipette 50-300ul	Procurement Materials	10129303	2015/12	Medland LLP	969	477.21	
Procurement Material Individual pipette 10 ul Proline	Procurement Materials	10129303	2015/12	Medland LLP	969	116.92	
Procurement Material Individual pipette 1000 ul Proline	Procurement Materials	10129303	2015/12	Medland LLP	969	116.92	
Procurement Material Individual pipette 200 ul Proline	Procurement Materials	10129303	2015/12	Medland LLP	969	116.92	
Procurement Material 1000Applichem / 1000 ml ddH2O/Bidistilled water	Procurement Materials	10129303	2015/12	Medland LLP	969	88.21	
Procurement Material 0.2ml qPCR tubes (1,000)	Procurement Materials	10129303	2015/12	Medland LLP	969	79.77	
Procurement Material 1.5ml tubes (1,000)	Procurement Materials	10129303	2015/12	Medland LLP	969	34.56	
Procurement Material Tubes conical / polypropilen 15ml with rack	Procurement Materials	10129303	2015/12	Medland LLP	969	23.30	
Procurement Material Serological pipette 5x 10 ml	Procurement Materials	10129303	2015/12	Medland LLP	969	2.11	
Procurement Material Pipette accu-jet pro / 0.1 - 200 ul	Procurement Materials	10129308	2015/12	Medland LLP	4887	673.60	
Procurement Material Paper towels for training 10 psc	Procurement Materials	10129368	2015/12	Skif-Trade LLP	2200000597	16.75	
Procurement Material Black markers permanent	Procurement Materials	10129637	2015/12	ABDI Company	10129637	7.49	
Total: Procurement Material						$2,701.62	
Line Description:	Temporary Services						
Total: Temporary Services						$0.00	
Line Description:	Customs Duties						
Total: Customs Duties						$0.00	
TOTAL OTH. DIR. COST						$2,701.62	$10,927.14

Clements Worldwide
One Thomas Circle,NW 8th Floor
clements Washington, DC 20005
Phone: 202-872-0060

INVOICE NO. 283357

ACCOUNT NO.	OP	DATE
GLOBA-6	SE	11/11/2015

Metabiota, Inc
(b)(6)
425 California St, 2nd Floor
San Fransico, CA 94104

Itm #	Eff Date	Trn	Type	Policy #	Description		Amount
99X9J8	12 22 14	END	WC-F	ENID37429193	END #16 (Travel Jordan &	ACE USA	$1,368.00
99X9J8	12 16 15	CRT	WC-F	ENID37429193	Credit from Itm #99XFNM	ACE USA	($82.00)
					Balance Due:		$1,286.00
99X9J9	12 22 14	END	WC-F	ENID37429193	END #17 (Travel Vietnam)	ACE USA	$140.00
99X9J9	12 16 15	CRT	WC-F	ENID37429193	Credit from Itm #99XFNM	ACE USA	($140.00)
					Balance Due:		$0.00
					Invoice Balance:		$1,286.00

*** PLEASE RETURN ONE COPY WITH YOUR REMITTANCE ***

Name	Contract #
(b)(6)	2014-04-DTRA
	Project
(b)(6)	AEP TD002-Kazakhstan
	Total Number of Days
12/2/15 12/12/15	10

Purpose of Trip

Conduct MERS-CoV Laboratory training at IMV in Almaty, Kazakhstan from 7-11 December 2015

No	Description	Vendor	Date											Method of Payment		Total Amount
			12/2/15	12/3/15	12/4/15	12/5/15	12/6/15	12/7/15	12/8/15	12/9/15	12/10/15	12/11/15	12/12/15	Tendered/SGD	USD	
1	Lodging	Intercontinental Hotel	57505.28	57505.28	57505.28	57505.28	57505.28	57505.28	57505.28	57505.28	57505.28	57505.28	0	$ 575,052.80	$ 1,876.49	$ 1,876.49
2	Ground Transportation	City Cab PTE LTD	23.8										29.45	$ 53.25	$ 37.90	$ 37.90
3	Ground Transportation	Comfort Transportation											32.35	$ 32.35	$ 23.05	$ 23.05

INTERCONTINENTAL.
ALMATY

(b)(6)

10d Braddell Hill Apt 06-14
Singapore SD 579723
US DESCRIPTION

Company Name	American Embassy	Room No.	0728
Membership No.	PC 313402357	Arrival	02-12-15
A/R Number		Departure	12-12-15 00:00:00
Group Code		Adults / Children	1 / 0
		Page No.	1 of 1
INTERIM INVOICE 302442		Cashier No.	338 / (b)(6)

Date	Text	Debits	Credits
02-12-15	Room&Tax	57,505.28	
03-12-15	Room&Tax	57,505.28	
04-12-15	Room&Tax	57,505.28	
05-12-15	Room&Tax	57,505.28	
06-12-15	Room&Tax	57,505.28	
07-12-15	Room&Tax	57,505.28	
08-12-15	Room&Tax	57,505.28	
09-12-15	Room&Tax	57,505.28	
10-12-15	Room&Tax	57,505.28	
11-12-15	Room&Tax	57,505.28	
11-12-15	Visa (b)(4); (b)(6)		575,052.80
	Total	**575,052.80**	**575,052.80**

Exchange rate 1 USD = 309.12
Balance Due (USD): 1,860.29

Balance	**0.00**	**KZT**
Total Incl. vat	**575,052.80**	**KZT**
Folio amount NET	**513,440.00**	**KZT**
VAT	**61,612.80**	**KZT**

Guest Signature: _____

I have received the goods and / or services in the amount shown here. I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company, or association fails to pay for any part of the full amount of these charges. If a credit card charge, I futher agree to perform the obligations set forth in the cardholder's agreement wit the issuer.

This hotel is owned and operated by KTJV JSC «AYT-OTEL» under license from IHG Hotels Ltd.

АО <КГСП АЙТ ОТЕЛЬ> БИН:950940000089
FRONT OFFICE
УЛ. ЖЕЛТОКСАН, 181 ТЕЛ. 250-50-00
АО КАЗКОММЕРЦБАНК
АЛМАТЫ КАЗАХСТАН

ТЕРМИНАЛ: 05021442
ПУНКТ №: 39880005021442
ICC:A0000000031010
ICC:Visa Credit

VISA/UP
4*** **** **** 3228
ОПЛАТА

ПАКЕТ: 003035 ЧЕК No: 000018
Дата: Дек 11, 15 Время: 22:15
RRN: 534501012179 КОД АВТ.: 000244

СУММА:
KZT 575052.80
КОД:00 - ЗАВЕРШЕНО УСПЕШНО
/MERCHANT COPY

X_____
* ДЛЯ КЛИЕНТА *
TC: DEF1CF8819894772

ОПЛАЧИВАЙТЕ
КАРТОЧКОЙ КАЗКОМА
И ПОЛУЧАЙТЕ
ДО 30% БОНУСОВ
ТЕЛ. 258-51-11,
WWW.KKB.KZ

ИНТЕРНЕТ-БАНКИНГ ##1
БЕСПЛАТНЫЕ ВЫПИСКИ ПО СЧЕТАМ
HTTPS://WWW.HOMEBANK.KZ
ТЕЛ. (727)258-53-34
РЕГИСТРАЦИЯ/АБ.ПЛАТА - 0 ТЕНГЕ

АО КГСП "Айт-Отель"
Услуги гостиницы
Св.НДС 60001 N-0078556
БИН-950940000089
Бостандыкский р-н

Касса № 01 РНН:600400066848
Дата 11.12.2015
Время 22:04 № 034163
ФИСК.ЧЕК № 000098
Услуги гостиницы К.0728 *575052.80
Количество покупок 1
В Т.Ч. НДС *0

ИТОГ *575052.80

КАРТА № Visa
КРЕДИТ *575052.80
КАССИР 338 Talapkhan Ye
ЭКМ 0000772 РНМ 600400001544
ФП

CITYCAB PTE LTD
SHC7475G

TRIP NO 419632406
START 02/12/2015 07:06
END 02/12/2015 07:27
DISTANCE RUN 21.70 KM

NETS 000005
111655184000 65518453
PURCHASE CRD
DBS BANK
02 Dec, 2015 07:27:16
APPROVAL 142603
STAN 054069

METER FARE $ 16.15
CURR BOOKING $ 3.30
PEAK HOUR 25% $ 4.05
TOTAL FARE $ 23.50

FEE(GST INCL) $ 0.30

AMOUNT PAID $ 23.80

GST M2-0113048-4

APPROVED

CITYCAB PTE LTD
SHB4932D

TRIP NO 795549122
START 12/12/2015 22:39
END 12/12/2015 23:13
DISTANCE RUN 22.0 KM

NETS 000005
111663359000 66335915
PURCHASE CRD
DBS BANK
12 DEC, 2015 23:14:05
APPROVAL 217920
STAN 056270

METER FARE $ 19.30
CHANGI AIRPORT $ 5.00
PEAK HOUR 25% $ 4.85
TOTAL FARE $ 29.15

FEE(GST INCL.) $ 0.30

AMOUNT PAID $ 29.45

GST M2-8920656-6

APPROVED

COMFORT TRANSPORTATION
SHD? ?1Y

Airport to
Clementi Rd.

TRIP NO		121222371
START	12/12/2015	22:37
END	12/12/2015	23:07
DISTANCE RUN		30.3 KM
METER FARE	$	21.90
CHANGI AIRPORT	$	5.00
PEAK HOUR 25%	$	5.45
TOTAL FARE	$	32.35
AMOUNT PAID	$	32.35

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Please enter an amount
S$ 23.8

Please enter an amount
$ 16.9244

Exchange rate of 0.7111 on 2 December 2015 View 5 Day Trend

Please note: The exchange rates given are 'bank rates'. High street rates may be subject to commission

Pocket Guide for 2 December 2015

Singapore Dollar (SGD)

S$ 5	S$ 10	S$ 50	S$ 100	S$ 250	S$ 500	S$ 1000
$ 3.56	$ 7.11	$ 35.56	$ 71.11	$ 177.78	$ 355.56	$ 711.11

United States Dollar (USD)

$ 1	$ 5	$ 10	$ 50	$ 100	$ 250	$ 500
S$ 1.41	S$ 7.03	S$ 14.06	S$ 70.31	S$ 140.63	S$ 351.56	S$ 703.13

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Type a country or currency
Kazakhstan Tenge (KZT)
Browse All

Please enter an amount
KZT 575052.8121

=

Type a country or currency
United States Dollar (USD)
Browse All

Please enter an amount
$ 1876.498

Exchange rate of 0.0033 on 11 December 2015 View 5 Day Trend

Please note: The exchange rates given are 'bank rates'. High street rates may be subject to commission

Pocket Guide for 11 December 2015

Kazakhstan Tenge (KZT)

KZT 500	KZT 1000	KZT 5000	KZT 10000	KZT 25000	KZT 50000	KZT 100000
$ 1.63	$ 3.26	$ 16.32	$ 32.63	$ 81.58	$ 163.16	$ 326.32

United States Dollar (USD)

$1	$5	$10	$50	$100	$250	$500
KZT 306.45	KZT 1532.25	KZT 3064.5	KZT 15322.5	KZT 30645	KZT 76612.5	KZT 153225

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Please enter an amount
S$ 29.45

=

Type a country or currency
United States Dollar (USD)
Browse All

Please enter an amount
$ 20.9874

Exchange rate of 0.7126 on 11 December 2015 View 5 Day Trend

Please note: The exchange rates given are 'bank rates'. High street rates may be subject to commission

Pocket Guide for 11 December 2015

Singapore Dollar (SGD)

S$ 5	S$ 10	S$ 50	S$ 100	S$ 250	S$ 500	S$ 1000
$ 3.56	$ 7.13	$ 35.63	$ 71.26	$ 178.16	$ 356.32	$ 712.65

United States Dollar (USD)

$ 1	$ 5	$ 10	$ 50	$ 100	$ 250	$ 500
S$ 1.4	S$ 7.02	S$ 14.03	S$ 70.16	S$ 140.32	S$ 350.8	S$ 701.61

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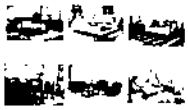

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32.35

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United States Dollar (USD)
Browse All
Please enter an amount
23.0541

Exchange rate of 0.7126 on 11 December 2015 View 5 Day Trend

Please note The exchange rates given are 'bank rates' High street rates may be subject to commission

Pocket Guide for 11 December 2015

Singapore Dollar (SGD)

$ 3.56	$ 7.13	$ 35.63	$ 71.26	$ 178.16	$ 356.32	$ 712.65

United States Dollar (USD)

S$ 1.4	S$ 7.02	S$ 14.03	S$ 70.16	S$ 140.32	S$ 350.8	S$ 701.61

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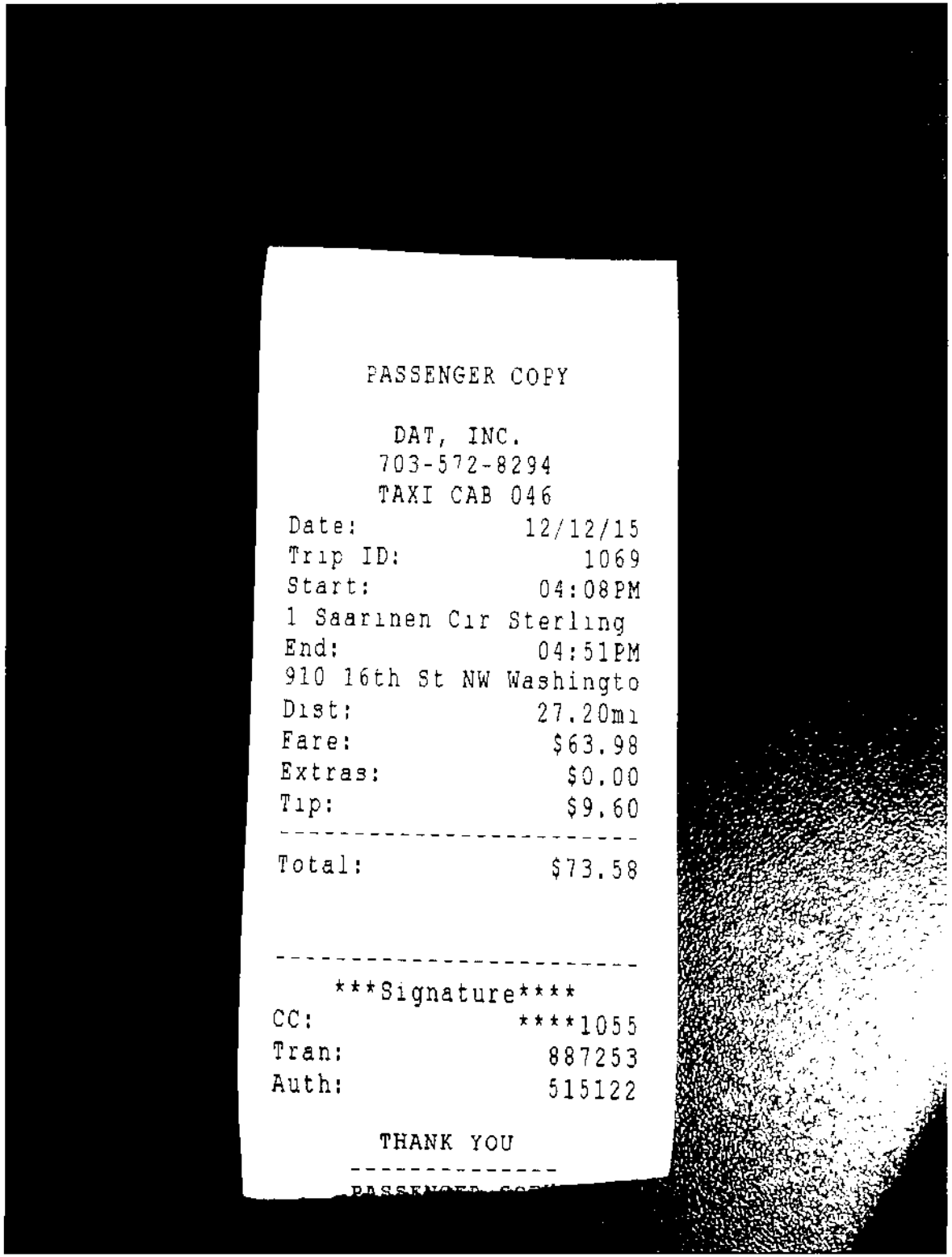


PASSENGER COPY

DAT, INC.
703-572-8294
TAXI CAB 046

Date:	12/12/15
Trip ID:	1069
Start:	04:08PM
1 Saarinen Cir Sterling	
End:	04:51PM
910 16th St NW Washingto	
Dist:	27.20mi
Fare:	$63.98
Extras:	$0.00
Tip:	$9.60
Total:	$73.58

Signature*

CC:	****1055
Tran:	887253
Auth:	515122

THANK YOU

PASSENGER COPY

[redacted]

RECEIPT: YOUR PAID OPTION(S) ON BOARD V

Reference number: 768D1B1C4F

EUR 75

$79.35

Conv 1 EUR = 1.058 USD

[redacted]

INTERCONTINENTAL.
ALMATY

(b)(6)

Singapore, 78 Guan Chuan street, #03-41
Singapore 160078
SG DESCRIPTION

4 = A 1,877.16
B 1,314.00
C 1,314.00
D 2,069.88
$6,570.04

Company Name	American Embassy	Room No.	0734
Membership No.	PC (b)(6)	Arrival	02-12-15
A/R Number		Departure	12-12-15 00:00:00
Group Code		Adults / Children	1 / 0
		Page No.	1 of 1
INTERIM INVOICE 302439		Cashier No.	338 / (b)(6)

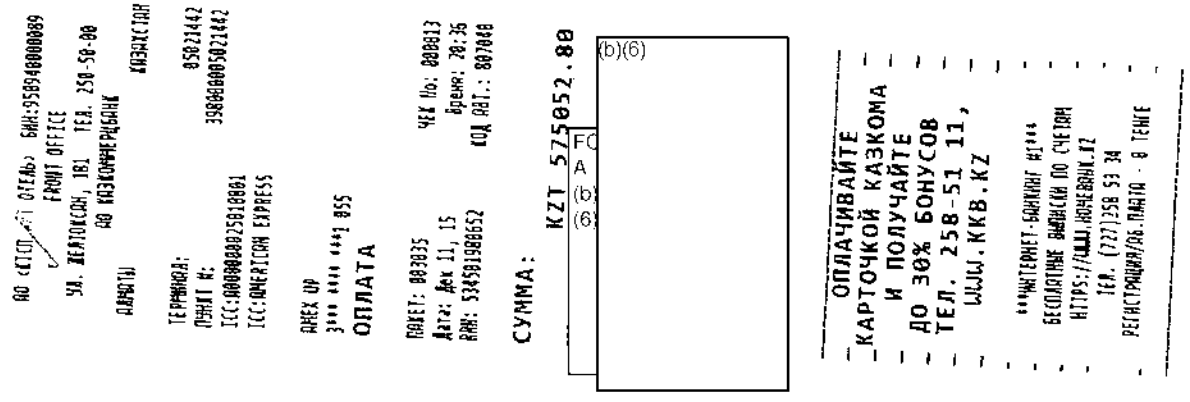
Date	Text	Debits	Credits
02-12-15	Room&Tax	57,505.28	
03-12-15	Room&Tax	57,505.28	
04-12-15	Room&Tax	57,505.28	
05-12-15	Room&Tax	57,505.28	
06-12-15	Room&Tax	57,505.28	
07-12-15	Room&Tax	57,505.28	
08-12-15	Room&Tax	57,505.28	
09-12-15	Room&Tax	57,505.28	
10-12-15	Room&Tax	57,505.28	
11-12-15	Room&Tax	57,505.28	
11-12-15	American Expres (b)(4); (b)(6)		575,052.80
	Total	**575,052.80**	**575,052.80**

EXC
$0.00326 = 1 KZT

$1,877.16

Balance	**0.00**	**KZT**
Total Incl. vat	**575,052.80**	**KZT**
Folio amount NET	**513,440.00**	**KZT**
VAT	**61,612.80**	**KZT**

Exchange rate 1 USD = 309.12
Balance Due (USD): 1,860.29



4A

InterContinental
ALMATY

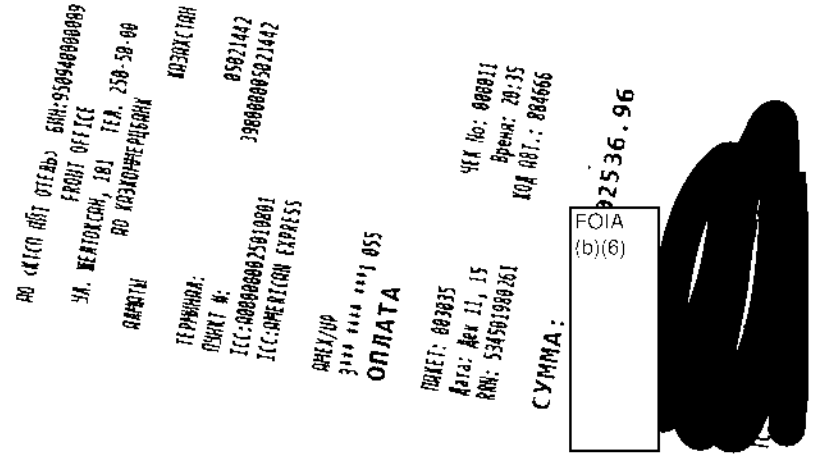
(b)(6)
Duke-Nus Graduate Medical School
8 College Rd
Singapore 169857

Company Name	American Embassy	Room No.	0434
Membership No.	PC (b)(6)	Arrival	05-12-15
A/R Number		Departure	12-12-15 00:00:00
Group Code		Adults / Children	1 / 0
		Page No.	1 of 1
INTERIM INVOICE 302438		Cashier No.	338 (b)(6)

Date	Text	Debits	Credits
05-12-15	Room&Tax	57,505.28	
06-12-15	Room&Tax	57,505.28	
07-12-15	Room&Tax	57,505.28	
08-12-15	Room&Tax	57,505.28	
09-12-15	Room&Tax	57,505.28	
10-12-15	Room&Tax	57,505.28	
11-12-15	Room&Tax	57,505.28	
11-12-15	American Express (b)(4); (b)(6)		402,536.96 $1314.00
	Total	**402,536.96**	**402,536.96**

Balance	**0.00**	**KZT**
Total Incl. vat	**402,536.96**	**KZT**
Folio amount NET	**359,408.00**	**KZT**
VAT	**43,128.96**	**KZT**

Exchange rate 1 USD = 309.12
Balance Due (USD): 1,302.20



LIB

InterContinental
ALMATY

(b)(6)

Duke-NUS Graduate Medical School Singapore
8 College Road
Singapore 169857

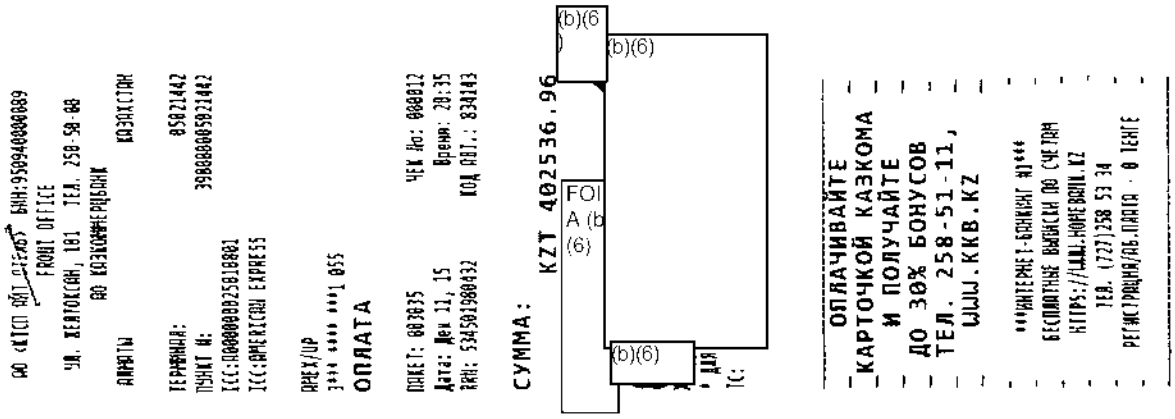
		Room No.	0403
Company Name	American Embassy	Arrival	05-12-15
Membership No.		Departure	12-12-15 00:00:00
A/R Number		Adults / Children	1 / 0
Group Code		Page No.	1 of 1
INTERIM INVOICE 302437		Cashier No.	338 (b)(6)

Date	Text	Debits	Credits
05-12-15	Room&Tax	57,505.28	
06-12-15	Room&Tax	57,505.28	
07-12-15	Room&Tax	57,505.28	
08-12-15	Room&Tax	57,505.28	
09-12-15	Room&Tax	57,505.28	
10-12-15	Room&Tax	57,505.28	
11-12-15	Room&Tax	57,505.28	
11-12-15	American Express (b)(4); (b)(6)		402,536.96 $1314.00
	Total	**402,536.96**	**402,536.96**

Balance	**0.00**	**KZT**
Total Incl. vat	**402,536.96**	**KZT**
Follo amount NET	**359,408.00**	**KZT**
VAT	**43,128.96**	**KZT**

Exchange rate 1 USD = 309.12

Balance Due (USD): 1,302.20



4C

INTERCONTINENTAL.
ALMATY

(b)(6)

1 Sutter Street, Suite 600
1 Sutter St Ste 600
San-Francisco Ca 94104-4923

Company Name	American Embassy	Room No.	0606
Membership No.	PC (b)(6)	Arrival	01-12-15
A/R Number		Departure	12-12-15 00:00:00
Group Code		Adults / Children	1 / 0
		Page No.	1 of 1
INTERIM INVOICE 302436		Cashier No.	338 (b)(6)

Date	Text	Debits	Credits
01-12-15	Room&Tax	57,505.28	
02-12-15	Room&Tax	57,505.28	
03-12-15	Room&Tax	57,505.28	
04-12-15	Room&Tax	57,505.28	
05-12-15	Room&Tax	57,505.28	
06-12-15	Room&Tax	57,505.28	
07-12-15	Room&Tax	57,505.28	
08-12-15	Room&Tax	57,505.28	
09-12-15	Room&Tax	57,505.28	
10-12-15	Room&Tax	57,505.28	
11-12-15	Room&Tax	57,505.28	
11-12-15	American Express (b)(4); (b)(6)		632,558.08 $2,064.88
	Total	632,558.08	632,558.08

Balance	0.00	KZT
Total incl. vat	632,558.08	KZT
Folio amount NET	564,784.00	KZT
VAT	67,774.08	KZT

Exchange rate 1 USD = 309.12
Balance Due (USD): 2,046.32

АО «ХТСП АЙТ ОТЕЛЬ» БИН:950940000089
FRONT OFFICE
УЛ. ЖЕЛТОКСАН, 181 ТЕЛ. 258-50-00
АО КАЗКОММЕРЦБАНК
АЛМАТЫ КАЗАХСТАН
ТЕРМИНАЛ: 05021442
ПУНКТ #: 39800000502144 2
ICC:A0000000025010001
ICC:AMERICAN EXPRESS
AMEX/UP
3*** **** ***1 055
ОПЛАТА
ПАКЕТ: 003035 ЧЕК No: 000010
Дата: Дек 11, 15 Время: 20:29
RRN: 534501978063 КОД АВТ.: 823724
СУММА: KZT 632558.08
FO (b)(6)
A
(b)
(6)

ОПЛАЧИВАЙТЕ
КАРТОЧКОЙ КАЗКОМА
И ПОЛУЧАЙТЕ
ДО 30% БОНУСОВ
ТЕЛ. 258-51-11,
WWW.KKB.KZ
ИНТЕРНЕТ-БАНКИНГ #1
БЕСПЛАТНЫЕ ВЫПИСКИ ПО СЧЕТАМ
HTTPS://WWW.HOMEBANK.KZ
ТЕЛ. (727)258 53-34
РЕГИСТРАЦИЯ/АБ.ПЛАТА - В ТЕНГЕ

4D

FREE RIDES

YOUR TRIP

8:55 AM on November 30 2015

(b)(6)

Your profile 66 %

Ad
Ve
Ve f

My Trips

Profile

Payment

Free Rides **NEW!**

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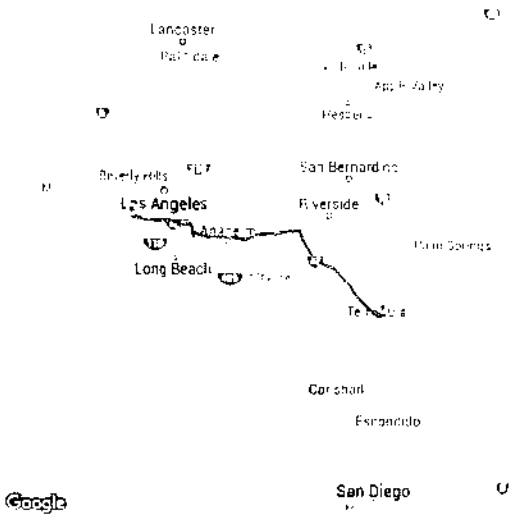


8:55 AM
[illegible]

11:22 AM
[illegible]

CAR	MILES	TRIP TIME
UBERX	**98.16**	**02:16:18**

FARE BREAKDOWN

Base Fare	1.00
Distance	107.98
Time	28.62
Subtotal	**$137.60**
Safe Rides Fee (?)	**2.45**
CHARGED Personal •••• 1055	**$140.05**

Metabiota Record of Travel

FOR TRAVEL ADVANCE: GRAND TOTAL M&IE REQUESTED: **$3,174**

FOR POST-TRAVEL: TOTAL M&IE requested: **$3,064**

State Department Hotel costs (per night): N/A

Actual hotel costs paid (per night): N/A

Credit card used: N/A

Final Tally Airfare costs (must attach invoice AND signed travel permission): N/A

TOTAL reimbursables (e.g., taxi) - list amounts, dates, attach ALL receipts: **$55 – Visa Expense for Dr. Martin Linster**

FOR TRAVEL ADVANCE ONLY: GRAND TOTAL REQUESTED/RECEIVED – **$3,174**

FOR POST-TRAVEL ONLY: TOTAL M&IE PLUS REIMBURSEMENTS MINUS TRAVEL ADVANCE – **$3,119**

BALANCE OWED TO METABIOTA: $55 (Visa Not Required for Dr. Linfa Wang)

(b)(6)

Signature of traveler

07 December 2015
date

(b)(6)

Authorized signature

7 December 2015
date

FOR ADMINISTRATIVE USE: Pls make sure both pre- and post ROTs are filed together

617.5
914.5
914 5
617.5
3,0641.00

Revised February 2015

6

METABIOTA

Metabiota, Inc.

CASH RECEIPT

Name of Recipient (b)(6)

Purpose of expence Per diem for meals / MERS COV Training / Almaty, KZ / 05-12 December 2015

Project Number TD-002 - MERS - KZ

Amount (in digits and in words) $617.50 / six hundred seventeen US dollars and fifty cent

Date 05 Dec 2015

Signature of Recipient

(b)(6)

Handled by

(b)(6)

6A

CASH RECEIPT

METABIOTA

Metabiota, Inc.

Name of Recipient (b)(6)

Purpose of expense Per diem for meals / TD-002 - Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-CoV) in Camels and Bats in Kazakhstan

Location: Almaty, Kazakhstan

Dates: 02 - 12 December 2015

Project Number/ Charge: TD 002 AEP KZ Clin 1008

Amount (in digits and in words) $914.50 / nine hundred and fourteen US dollars and fifty cents

Allowance breakdown:

Breakfast:	$15.00
Lunch	$25.00
Dinner:	$40.00
Incidentals:	$19.00
TOTAL:	$99.00

2-Dec	3-Dec	4-Dec	5-Dec	6-Dec	7-Dec	8-Dec	9-Dec	10-Dec	11-Dec	12-Dec	Total
$74.25	$99.00	$99.00	$99.00	$99.00	$74.00	$74.00	$74.00	$74.00	$74.00	$74.25	$ 914.50

Notes: Per diem - lunch to be provided by CLS on 07-12 Dedcember

Signature of Recipient:

(b)(6)

4 Dec 2015
Date

Handled by:

(b)(6)

12/4/15
Date

6B

CASH RECEIPT

METABIOTA

Metabiota, Inc.

Name of Recipient (b)(6)

Purpose of expense Per diem for meals and Visa / TD-002 - Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-CoV) in Camels and Bats in Kazakhstan

Location: Almaty, Kazakhstan

Dates: 02 - 12 December 2015

Project Number/ Charge TD 002 AEP KZ Clin 1008

Amount (in digits and in words) $969.50 / nine hundred and sixty nine US dollars and fifty cents

Allowance breakdown:

Breakfast:	$15.00	Visa:	$55.00
Lunch	$25.00		
Dinner:	$40.00		
Incidentals:	$19.00		
TOTAL:	$99.00		

914.50

2-Dec	3-Dec	4-Dec	5-Dec	6-Dec	7-Dec	8-Dec	9-Dec	10-Dec	11-Dec	12-Dec	Visa	Total
$ 74.25	$ 99.00	$ 99.00	$ 99.00	$ 99.00	$ 74.00	$ 74.00	$ 74.00	$ 74.00	$ 74.00	$ 74.25	$55	$ 969.50

separate receipt

Notes: Per diem - lunch to be provided by CLS on 07-12 Dedcember

Signature of Recipient:

(b)(6)

12/04/15
Date

Handled by:

(b)(6)

12/4/15
Date

6C

CASH RECEIPT

METABIOTA

Metabiota, Inc.

Name of Recipient (b)(6)

Purpose of expense Per diem for meals/ TD-002 - Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-CoV) in Camels and Bats in Kazakhstan

Location: Almaty, Kazakhstan

Dates: 05 - 12 December 2015

Project Number/ Charge: TD 002 AEP KZ Clin 1008

Amount (in digits and in words) $617.50 / six hundred and seventeen US dollars and fifty cents

Allowance breakdown:

Breakfast:	$15.00
Lunch	$25.00
Dinner:	$40.00
Incidentals:	$19.00
TOTAL:	$99.00

5-Dec	6-Dec	7-Dec	8-Dec	9-Dec	10-Dec	11-Dec	12-Dec	Total
$ 74.25	$ 99.00	$ 74.00	$ 74.00	$ 74.00	$ 74.00	$ 74.00	$ 74.25	$ 617.50

Notes: Per diem - lunch to be provided by CLS on 07-12 Dedcember

Signature of Recipient:

(b)(6)

07 Dec 2015
Date

Handled by:

(b)(6)

7-12-15
Date

6 D

COLLECTION SLIP

REFERENCE № 001019 **AMOUNT in USD** 55 **only**

COLLECTION DATE: 27 / 11 / 2015 @ 4.00 5.00pm

PAYMENT MUST BE MADE ONLY BY CASH DEPOSIT AT THE BANK. PAYMENT MADE BY CHEQUE OR TELEGRAPHIC TRANSFERARE NOT REFUNDABLE.

This collection slip & Payment slip from DBS/POSB Bank should be presented upon collection date.

IMPORTANT! NET amount must be received into Kazakhstan Embassy account.

ALL BANKING FEES SHOULD BE PAID BY APPLICANT. Otherwise, your visa application or any other application will be refused.

Note: Acceptance of your visa application form / documents for legalization / other documents does not imply that your application will necessarily be approved.

DBS POSB

Beneficiary:	Embassy of the Republic of Kazakhstan
USD Account:	0003-023446-01-4
Beneficiary Bank:	DBS Bank Ltd
SWIFT Code:	DBSSSGSG

1 Kim Seng Promenade
#09-04/05
Great World City,
East Office Tower
Singapore 237994

Email address:
visa@kazakhstan.org.sg

Facebook:
https://www.facebook.com/KazakhstanEmbassy

Webpage: http://www.kazakhstan.org.sg

Tel.: +65 65366100
FAX: +65 64388990

TD 003 Bat Borne Virus from Annual Bat Cull India - Canceled and will not be invoiced

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop

Objectives

Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/2015 - 05/15/2016

CLIN 1002 – Labor

Program Manager:

Hours incurred during this period were for work provided by (b)(6) the Metabiota program manager in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities conducted include, routine conference calls and email communications with CBEP and A&AS regional leadership, Gryphon Scientific SMEs, RSS in-country partners, and Metabiota project personnel to coordinate conference invitations, abstract submissions and review, travel logistics, conference logistics for submission to CLS, and other routine project needs. In addition, activities included follow up on travel coordination efforts for all confirmed speakers, participants, and Scientific Advisory Board (SAB) members traveling to Amman for the conference, to include coordination of JKO trainings, completion of CLS requirements, and planning for the networking day. Activities also included submission of CCR forms, CLS travel forms for additional delegations, and updating logistics requirement necessary to conduct the conference.

Research and Data Analysts:

Hours incurred during this period were for work provided by (b)(6) the Metabiota project coordinator in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. (b)(6) activities included participation in routine project conference calls and travel tracking, coordination, and communication with all invited speakers and SAB members to ensure information was gathered for facilitation of JKO training requirements, travel needs for submission to CLS, and overall coordination of attendance (b)(6) worked closely with Gryphon SMEs, CLS and the Metabiota travel coordinator to ensure all participant information was secured, and accurately collected, logged, and submitted for vetting purposes. In addition, she reviewed conference documents and supported completion of the Master CLS form, revising logistics requested as needed, and in directed coordination with A&AS team members.

Hours incurred during this period also included work provided by (b)(6) in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan (b)(6) (b)(6) hours included working directly with Metabiota contracts and program managers to provide monthly invoicing and reporting requirements to the Metabiota team.

Subject Matter Expert III:

Hours incurred during this period were for work provided by (b)(6) in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities included overseeing Gryphon SMEs working on this project, continuing to finalize the conference agenda, securing all speakers for the plenary sessions, and lectures planned during this

engagement. In addition, submitted abstracts were compiled and finalized to support completion of the abstract book. (b)(6) continued to participate in routine conference calls and communications with CBEP, RSS, and Metabiota to facilitate coordination of the event and provide key information on invited speakers to include gathering their abstract submissions, CVs, travel requirements, etc., for review and submission to other team members. (b)(6) continued to coordinate with the team regarding all logistics requirements, to include restructuring of the networking day.

Subject Matter Expert I:

Hours incurred during this period were for work provided by (b)(6) (b)(6) replacement on the program, in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities conducted by (b)(6) (b)(6) included continuing to finalize the conference agenda, reaching out to identified speakers for the plenary sessions, and lectures planned during this engagement. They collected and reviewed the abstracts, compiling them into the abstract book for submission to CBEP. They participated in routine conference calls and communications with CBEP, RSS, and Metabiota to facilitate coordination of the event and provide key information on invited speakers to include gathering their abstract submissions, CVs, travel requirements, etc., for review and submission to other team members. They supported finalization of the abstract book, and researched additional features and add-ons to the conference website, for review and approval, that would enhance networking capabilities among participants.

CLIN 1003 – Materials and Supplies

Material and Supply costs incurred during this period include costs for the publication and design of the conference logo, abstract and proceedings book, as well as the web banner. Additional costs were incurred for the creation and hosting of the conference website.

CLIN 1004 – ODCs

Other Direct Costs were not incurred during this period.

CLIN 1005 – Travel

Travel costs were incurred during this period to support the purchase of airfare and visas for Metabiota and Gryphon personnel in preparation for attendance at the conference in March. In addition, costs were incurred to support mailing of the ISOPREP forms for completion of DoD travel requirements. As well, travel costs from the pre-coordination site visit conducted in October were incurred for Gryphon personnel's local transportation, and visa fees supporting this trip.

Metabiota
TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop
CLIN 1002 LABOR

(b)(4); (b)(6)

T&M Invoice

Contract PoP: 7/1/2015 – 04/30/2016 **Contract Name:** AEP – Research Collaborator & Subject Matter Experts **Contract #:** 2015-10-DTRA **Bill To:** Metabiota, Inc **Funded Total:** $218,715 **Invoice Period of Performance:** 12/01/2015-12/31/2015	**Invoice POP:** 12/01/15-12/31/15 **Invoice #: 1987** **Remit Payment to:** Gryphon Scientific, LLC 1 Halfyard Drive Brookline, NH 03033

LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
FOIA (b)(4)					
TOTAL LABOR		**249.0**	**$24,121.92**	**1,204.5**	**$110,934.63**

OTHER COSTS INVOICED	CURRENT INVOICE	CUMULATIVE INVOICE
LOADED MATERIALS & SUPPLIES - Publ & Dissem	0.00	1,340.15
LOADED MATERIALS & SUPPLIES - Workshop Website	0.00	6,300.00
TRAVEL	0.00	1,339.03
TOTAL NON LABOR INVOICED	**$0.00**	**$8,979.18**
TOTAL INVOICE (Labor Plus Other Costs)	**$24,121.92**	**$119,913.81**

The undersigned hereby certifies that the amount being invoiced represents only those amounts properly payable in accordance with the terms and conditions of the contract/subcontract and the official financial records.

(b)(6)

By: (b)(6)
Business Manager

Payment should be remitted to: Gryphon Scientific, LLC, 1 Halfyard Drive, Brookline NH 03033

Prime Contractor Program Manager:

Approved: _____

RELYON
MEDIA

Date	Invoice	Invoice #
10/1/2015		20151093

Bill To

Gryphon Scientific
c/o (b)(6)
1 Hayyard Drive
Brookline, NH 03033

0 5 2015

Contract Number	Terms	Due Date	Rep
Proj No. 134	Net 30	10/31/2015	CJM

Item	Description	Rate	Qty	Amount
Contract	Creation of Website for MESA Conference In Wordpress with form collection capacity			0.00
	Contract Number HDTRA1-14-C-0104 Gryphon Project Number: 134 Gryphon Contact: FOIA (b)(6) Invoice Period: Aug 1, 2015 through Sep 30, 2015 For Questions Regarding this Invoice Contact: FOIA (b)(6) See Purchase Order for Site			
Deliverable	Website in WordPress, for MESA Conference Registration	6,000.00		6,000.00

Thank you for your business.

(b)(6)
Managing Partner

Total
$6,000.00

5 Bridge Street ~ Shelburne Falls, MA 01370 ~ 413-489-1421 ~ www.relyonsolutions.com

+590 indirect =
6,300

INVOICE

(b)(6)

Attention: (b)(6)
Gryphon Scientific
October 6, 2015

Invoice Number: 10062015

RIGHTS GRANTED

Usage rights for original graphic artwork, including preliminary materials, are hereby granted to Gryphon Scientific in return for full payment of itemized expenses listed below. If payment is not received sixty (60) days after invoice date, all usage rights will be void.

Original Artwork "Flying Helix" Logo	$	1,000
Additional Materials · Conference Proceedings Cover, Abstract Cover, Web Banner	$	250
Total	$	1,250

It was a pleasure working with you all and definitely one of my favorite projects I have designed this year. I would love to work with you all again in the future for any upcoming design projects you may need.

+ 5% indirect

=1312.50

T&M Invoice

Contract PoP: 7 1 2015 04 30 2016 **Contract Name:** AEP Research Collaborator & Subject Matter Experts **Contract #:** 2015-10-DTRA **Bill To:** Metabiota, Inc **Funded Total:** $218,715 **Invoice Period of Performance:** 11 01 2015-11 30 2015	**Invoice POP:** 11 01 15-11 30 15 **Invoice #: 1986** **Remit Payment to:** Gryphon Scientific, LLC 1 Halfyard Drive Brookline, NH 03033

LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
FOIA (b)(4)					
TOTAL LABOR		**193.50**	**$18,133.53**	**955.5**	**$86,812.71**

OTHER COSTS INVOICED		CURRENT INVOICE	CUMULATIVE INVOICE
LOADED MATERIALS & SUPPLIES	- Publ & Dissem	0.00	1,340.15
LOADED MATERIALS & SUPPLIES	- Workshop Website	0.00	6,300.00
TRAVEL		16.95	1,339.03
TOTAL NON LABOR INVOICED		**$16.95**	**$8,979.18**
TOTAL INVOICE (Labor Plus Other Costs)		**$18,150.48**	**$95,791.89**

The undersigned hereby certifies that the amount being invoiced represents only those amounts properly payable in accordance with the terms and conditions of the contract/subcontract and the official financial records.

(b)(6)

By: (b)(6)
Business Manager

Payment should be remitted to: Gryphon Scientific, LLC. 1 Halfyard Drive, Brookline NH 03033

Prime Contractor Program Manager:

Approved:

Name		Contract #	
(b)(6)		2015-05-DTRA	
		Project	
(b)(6)		India POG	
		Total Number of Days	
10/9/15	10/13/15	5	
Purpose of Trip			

Preconference Meetings in Jordan

Account	Description	Vendor	Date										Method of Payment		Total Amount
			10/9/15	10/10/15	10/11/15	10/12/15	10/13/15	10/14/15	10/15/15	10/16/15	10/17/15	10/18/15	Corporate	Reimburse	
	Flight												$ -		$ -
	Lodging												$ -		$ -
01021.01.105.FSU.03	Per Diem		105.75	141	85	85	105.75							$ 522.50	
	Ground Transportaion													$ -	
01021.01.105.FSU.03	Visa Fee			56.42										$ 56.42	
01021.01.105.FSU.03	Airport Parking						68							$ 68.00	

Washington Dulles Int'l Airport

44910 Saarinen Circle
Dulles, VA 20166
Customer Service Number:
(703) 572-4580

Shift/Seq. #: 081/23643
Entry Iane 15: 10/09/15 03:58 pm
Payment Iane 01: 10/13/15 03:43 pm

PURCHASE

Amount: $88.00

USD

Card: $88.00 Approved
American Express ... 1004
Expiration: **/**
Authorization: 509970
LPA: 3323
Sequence: 27

Exit Before 10/13/15 04:28 pm
Or Additional Charges May Apply

Thank You And Have A Nice Day

Name		Contract #
(b)(6)		2015-05-DTRA
(b)(6)		Project
		India PDG
		Total Number of Days
10/9/15	10/13/15	5

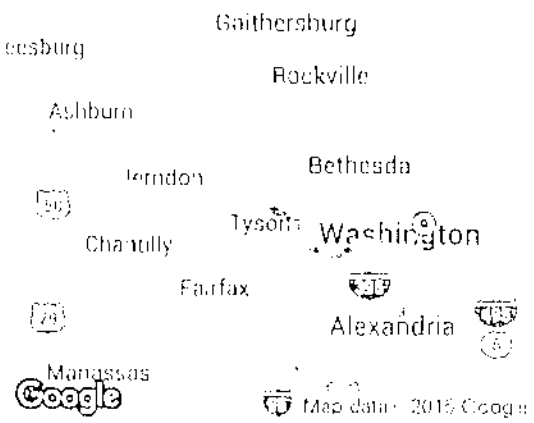
Purpose of Trip

Preconference Meetings in Jordan

Account	Description	Vendor	Date										Method of Payment		Total Amount
			10/9/15	10/10/15	10/11/15	10/12/15	10/13/15	10/14/15	10/15/15	10/16/15	10/17/15	10/18/15	Corporate	Reimburse	
	Flight												$ -		$ -
	Lodging												$ -		$ -
01021.01.105.FSU.03	Per Diem		105.75	141	85	85	105.75							$ 522.50	
01021.01.105.FSU.03	Ground Transportaion		51.61				44.63							$ 96.24	
01021.01.105.FSU.03	Visa Fee			56.42										$ 56.42	

$44.63

Thanks for choosing Uber, FOIA (b)(6)



03:41pm
1 [redacted] Cir, Sterling, VA

04:40pm
FOIA (b)(6)

CAR	MILES	TRIP TIME
uberX	28.86	00:59:13

(b)(6) You rode with (b)(6)

[redacted]

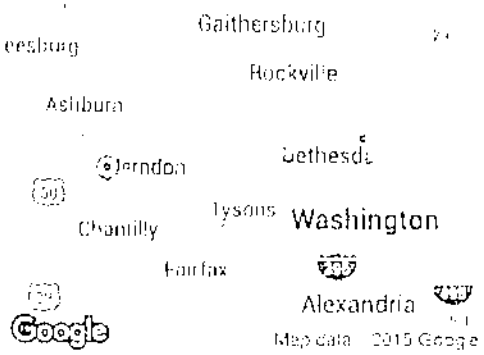
FARE BREAKDOWN

Base Fare	2.00
Distance	29.44
Time	11.84
Subtotal	**$43.28**
Safe Rides Fee (?)	1.35

CHARGED
Personal •••• 2009 **$44.63**

$51.61

FOIA (b)(6)



- 02:19pm
  FOIA (b)(6)
- 03:41pm
  [illegible] Sterling, VA

uberX	31.21	01.21 21

(b)(6) You rode wi (b)(6)

FARE BREAKDOWN

Base Fare	2.00
Distance	31.83
Time	16.27
Subtotal	**$50.10**
Safe Rides Fee (?)	1.00
DC Taxicab Commission Fee (2)	0.51

CHARGED
Personal ···· 2009 **$51.61**

JR RECORDS.

The UPS Store - #6378
8705B Colesville Rd
Silver Spring, MD 20910
(301) 328-0315

AM COM

IN

12/26/15 01:26 PM

We are the one stop for all your shipping, postal and business needs.

We offer all the services you need to keep your business going.

1Z884VE01598528427
K4

001 001000 (001) TO $ 60.18
NDA Early AM
Tracking# 1Z884VE01598528427
002 100010 (025) MD $ 1.99
Envelopes
003 100010 (025) MD $ 0.75
Envelopes

SubTotal $ 62.92
(MD) $ 0.16
Total $ 63.08

American Express $ 63.08
**********1329

57.40
0.00
2.58
0.20

$60.16

TO TRACK SHIPMENT

UPS Store

3

Travel Document Systems TDS

Contact (b)(6)
Phon (b)(6)

Order Date • **12/16/2015**
TDS Order # **124663**

Sold To:
Metabaiota
425 California Street, Suite 200
San Francisco 94104 US
2023208338

Ship To:
Metabiota Inc
(b)(6)
8757 Georgia ave
Suite 800
Silver Spring, MD 20910 US
2023208338

Service	TDS Fee	Gov't Fee**	Item Total
(b)(6) Departure:03/04/2016			
Jordan: Double Entry Visa Valid Three Months, Business, 4 Business Days	$70.00	$102.50	$172.50
Return Shipping **Client Pickup**			$0.00

Subtotal	$172.50
Shipping	$0.00
Finance Fee	$6.04
Total	$178.54
Total Received	$178.54
Balance Due	$0.00

Travel Document Systems TDS

Contact (b)(6)
Phone (b)(6)

Order Date • **12/16/2015**
TDS Order # **124665**

Sold To:
Metabaiota
425 California street suite 200
San Francisco 94104 US
2023208338

Ship To:
Metabiota Inc
(b)(6)
8737 Georgia ave
Suite 800
Silver Spring, MD 20910 US
2023208338

Service	TDS Fee	Gov't Fee**	Item Total
(b)(6) Departure:03/04/2016			
Jordan: Double Entry Visa Valid Three Months, Business, 4 Business Days	$70.00	$102.50	$172.50
Return Shipping **Client Pickup**			$0.00

Subtotal	$172.50
Shipping	$0.00
Finance Fee	$6.04
Total	$178.54
Total Received	$178.54
Balance Due	$0.00

S

TD 005 Iraqi Distance Learning – Canceled and will not be invoiced

TD 007 Regional Baseline Assessment - Invoiced to Completion Invoice #725.

TD 008 Clinician Training Invoiced to Completion Invoice #726.

TD 009 NHLS BS&S Training - South Africa

Objectives

Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/2015-05/15/2016

CLIN 1002 – Labor

Program Manager:

(b)(6) provided administrative and technical oversight to the project as a whole, and led communications with NHLS and DTRA on the efforts. He also led communication with CLS on both shipping issues and venue selection/training participant logistics. Metabiota is reverting erroneously accrued hours in the Program Manager labor category for (b)(6) they should have instead been accrued in the Grants Manager labor category. The value of the accrued hours in this labor category is less than those being invoiced in the Program Manager labor category.

Grants Manager:

(b)(6) provided administrative oversight of efforts by the South African team at NHLS and provided reporting to Metabiota on those efforts.

Trainer 1:

(b)(6) provided coordination of stakeholder meetings to ensure tasks and deliverables are completed on time. She reviewed reports and draft invoices and drafted an amended CLS logistics support request document for the fit-testing training. (b)(6) provided support to (b)(6) on oversight of the fit-testing effort and its rescheduling.

Research and Data Analyst:

Research and Data Analysts at NHLS participated in bi-weekly meetings and prepared draft reports and invoices. (b)(6) assisted with coordination leading up to the postponed fit testing training, refined the training agenda and managed receipt of the PortaCount fit-testing equipment. (b)(6) and (b)(6) provided financial management support to the NHLS team.

Subject Matter Expert 1:

No SME 1 hours were used in December.

CLIN 1003 – Materials and Supplies

$32.06 was paid to Lasec for 5 liters of 99.8% pure isopropyl alcohol for use in the PortaCount fit testers.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota						
TD 009 NHLS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

Lasec

Attention: FOIA (b)(6)
Company: METABIOTA INC.
Tel: +1 415-398-4712
Fax: +1 415-398-4716

Doc. Type	Proforma Invoice
Date	15 December 2015
Doc. Number	1512-100028001
Page	1 of 2

Invoice To: METABIOTA INC.

415-3984712
425 CALIFORNIA STREET, SUITE 200
SAN FRANCISCO
USA

Deliver To: METABIOTA INC.
(b)(6)
+1 415-398-4712
8757 Georgia Ave Suite 800, 8757 Georgia Ave Suite 800
Silver Spring, MD 20910, Silver Spring, MD 20910

Cons'gnee: (b)(6)

8757 Georgia Ave., Suite 800, Silver Spring, MD 20910
Maryland, USA

Account Number	Customer Order Number	Customer VAT Number	
150327		N/A	

Stock Code	Description	Qty	Unit Of Measure	Unit Price US Dollar	Total Price US Dollar
CRDCRCP932X	ISOPROPYL ALCOHOL (ISOPROPANOL) AR 2.5L	2	EA	14.06	28.12
	Current y we have no stock available. Lead time of 6 - 8 weeks can be expected.				
				SUB Total	$28.12
				VAT 14 %	$3.94
				Total incl. VAT	$32 06

Please Note:

FCA, Johannesburg, Incoterms 2010.

Please see attached for the Special Terms and Conditions, and a link to Lasec's Standard Terms and Conditions.

TD 010 One Health Epi Training - South Africa

Objectives

Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015 - 03/31/2015

CLIN 1002 – Labor

Program Manger:

Represents the time spent by Metabiota Africa Regional Program Manage(b)(6) in support of this technical direction(b)(6) was responsible for leading all communications, including bi-weekly and as necessary conference calls, with DTRA CBEP representation and South African stakeholders representing CDC South Africa, and USDA South Africa.(b)(6) ead and oversaw the continued development and submission of the One Health Epidemiology - South Africa landscape review report, and ensured that progress on this deliverable was communicated effectively to DTRA CBEP representation and remained within the scope outlined by the technical direction. He additionally provided resource and leadership support to Metabiota Staff Scientist(b)(6) in her role as technical lead on the mentioned deliverable.

In an effort to support timeline and other deliverable needs for this TD,(b)(6) oversaw the development and submission of all travel related CDRLs to include the Travel Authorization form, Cable Clearance Request form, and the Contractor Logistics Services Form in support of the in-country meeting slated for February 17-19th 2016.

Trainer 1:

Represents the time spent by Metabiota Project Coordinator(b)(6) was responsible for attending and providing relevant commentary during all conference calls in support of this technical direction. She was also responsible for the development of meeting agendas and the aggregation of meeting minutes.(b)(6) was tasked with supporting the program manager in his efforts to lead the development and submission of the One Health Epidemiology - South Africa landscape review report, and in addition was requested to coordinate follow up communications between South African Project stakeholders.

In an added effort to support timeline and other deliverable needs for this TD,(b)(6) worked to develop all travel related CDRLs to include the Travel Authorization form, Cable Clearance Request form, and the Contractor Logistics Services Form for submission to DTRA CBEP representation and in support of in country efforts taking place in February.

Subject Matter Expert 2:

Represents the time spent by Metabiota Staff Scientis(b)(6) in support of this technical direction(b)(6) attended all conference calls between Metabiota and DTRA CBEP representation, as well as all calls between Metabiota and the South African project stakeholders. D(b)(6) (b)(6) served in the role of technical lead during the continued development of the One Health Epidemiology - South Africa landscape review, and in this role was tasked to engage all South African project stakeholders regarding their specific subject matter expertise.

(b)(6) more specifically in her role as technical lead on the development of the OHE-SA landscape review, spent time finalizing the document for submission to DTRA CBEP representation. She

consistently engaged project stakeholders to answers specific questions regarding One health gaps in country, current one health efforts in country, review of materials, and long term one health goals. (b)(6) took the lead on content development for the landscape review report and as such spent time writing her own as well as integrating stakeholder comments as necessary.

CLIN 1003 – Materials and Supplies
No materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel
Costs were incurred in preparation for travel in February.

Metabiota						
TD 010 One Health Epi South Africa						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

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Tracking# 17884VE00162845052
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Envelopes
[illegible] MD $ 1.99
Envelopes

Subtotal $ 33.97
(MD) $ 0.30
Total $ 34.27

[illegible]erican Express $ 34.27
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TD 011 Ukraine TADR Activity Project 4 (TAP-4)

Objectives
The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/16/2015 - 01/31/2015

CLIN 1002 – Labor

Program Manager:
(b)(6) provided administrative oversight over Metabiota efforts, including coordinating with the Ukrainian delegation to the final regional workshop and review of deliverables. He met with DTRA and A&AS to discuss this effort. He also started drafting the TAP-4 final report.

Trainer 1:
(b)(6) ssisted in the ongoing drafting of the TAP-4 final report.

CLIN 1003 – Materials and Supplies
No material costs were incurred during this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel
Travel expenses including flights, lodging, ground transportation, and per diem were incurred for (b)(6) (b)(6) to attend the final regional workshop in Tbilisi, Georgia in November.

Metabiota

TD 011 TAP 4

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

(b)(4); (b)(6)

Printable Version

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Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	3VKH7E
Invoice No.:	71844	**Agent:**	(b)(6)
Issue Date:	Wednesday, September 30, 2015	**Customer:**	MBA
Billing:	METABIOTA INC ONE SUTTER SUITE 600 SAN FRANCISCO CA 94104		

• If you would like to view your reservation online with Check My Trip Click Here

• For Aircraft Disinsection Requirements: Click Here

AIR - Friday October 30 2015

United Airlines Flight UA8784 Economy Class
Operated By Lufthansa
Check In With Lufthansa (LH415)

Check In Confirmation: H27HEP

Depart:	10:55 PM, Friday, October 30 Dulles Intl Arpt Washington, District of Columbia, USA	**Arrive:**	12:15 PM Saturday, October 31 Munich Intl Airport-Terminal 2 Munich Germany
Status:	Confirmed		
Booking Code:	V (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	8 hours 20 minutes	**Seat:**	37C (Non smoking, Aisle) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Meal
Remarks:	Not eligible for web check in		

Weather Flight Status (*up to 3 days prior) Dining Reservations

AIR - Saturday October 31 2015

United Airlines Flight UA8756 Economy Class
Operated By Lufthansa
Check In With Lufthansa (LH2556)

Check In Confirmation: H27HEP

Depart:	10:10 PM, Saturday, October 31 Munich Intl. Airport-Terminal 2 Munich, Germany	**Arrive:**	5:05 AM, Sunday, November 1 Tbilisi Intl. Airport Tbilisi, Georgia
Status:	Confirmed		
Booking Code:	V (Economy)		
Equipment:	Airbus Industrie A319	**Stops:**	Non-stop
Duration:	3 hours 55 minutes	**Seat:**	11D (Non smoking, Aisle) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Meal
Remarks:	Not eligible for web check in		

Weather Flight Status (*up to 3 days prior)

AIR - Thursday November 5 2015

1 + 2

United Airlines Flight UA8755 Economy Class
Operated By Lufthansa
Check In With Lufthansa (LH2557)

Check In Confirmation:
H27HEP

Depart:	5:10 AM, Thursday, November 5 Tbilisi Intl Airport Tbilisi, Georgia	**Arrive:**	6:20 AM, Thursday, November 5 Munich Intl. Airport-Terminal 2 Munich, Germany
Status:	Confirmed		
Booking Code:	V (Economy)		
Equipment:	Airbus Industrie A319	**Stops:**	Non-stop
Duration:	4 hours 10 minutes	**Seat:**	08C (Non smoking, Aisle) Confirmed
FF Number:	UAFDN95242	**Meal:**	Breakfast
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

AIR - Thursday November 5 2015

United Airlines Flight UA107 Economy Class

Check In Confirmation:
H27HEP *(*24 Hours Prior)*

Depart:	11:40 AM, Thursday, November 5 Munich Intl Airport-Terminal 2 Munich, Germany	**Arrive:**	3:25 PM, Thursday, November 5 Dulles Intl Arpt. Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	V (Economy)		
Equipment:	Boeing 767-400	**Stops:**	Non-stop
Duration:	9 hours 45 minutes	**Seat:**	31B (Non smoking) Confirmed
FF Number:	UAFDN95242	**Meal:**	Lunch

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
United Airlines / 016 7713233358		736.00	490.00	1226.00
	Form of Payment	AX XXXXXXXXXXXX1329		
Processing Fee / 890 0658977398		43.00		~~43.00~~
	Form of Payment	AX XXXXXXXXXXXX1329		
	Totals:	779.00	490.00	USD 1269.00

Total Charged to Credit Card: USD 1269.00
Balance Due: USD 0.00

Fare Rules

- Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

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- Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding

- A valid passport is required for your journey. Passport must be valid at least 6 months beyond intended stay

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• In european airports...Customers may be asked to turn on any electronic or battery powered devices at security. Please ensure they are fully charged

• United Airlines freq. flyer nbr fdn95242 appended

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• Passport and Etkt itinerary required for check in. Boarding passes required prior to entering security.

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access more

Federal law forbids the carriage of certain hazardous materials, such as aerosols fireworks and flammable liquids aboard the aircraft. If you do not understand these restrictions, contact your airline or go to http://www.faa.gov/about/initiatives/hazmat_safety/

For Aircraft Disinsection Requirements: http://ostpxweb.dot.gov/policy/safetyenergyenv/disinsection.htm

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(b)(6)
425 California St. Suite 200
San Francisco, 94104 CA
United States

Invoice No.	:	**6711-408068**	Date	:	**01.11.15**
Arrival	:	31.10.15	Cashier	:	11351-18253
Departure	:	01.11.15	Page	:	1 from 1
Room No.	:	123	ResNo.	:	263775232
Guestname	:	(b)(6)	iGuestNo	:	232473323

INVOICE Original

Date	V.A.T.	Description	Quantity	U-Price	Total
31.10.15	7%	Accommodation	1	129.00	129.00
01.11.15		American Express Card			-129.00

Description	Net (EUR)	V.A.T. (EUR)	Gross (EUR)
V.A.T. 7%	120.56	8.44	129.00
Total	120.56	8.44	129.00

Open Balance (EUR) 0.00

$1415.027

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Room No. : 406
Arrival : 31-10-15
Departure : 05-11-15
Page No. : 1 of 2
Cashier No. : 57
Conf No. : 88986370

COPY OF INVOICE

Date : 16-11-15
Folio No. : 112301

Guest Name (b)(6)

Date	Text		Charges GEL	Credits GEL
31-10-15	Accommodation	160 USD / .417014178482=383.68000	383.68	
31-10-15	VAT 18%		69.06	
01-11-15	Accommodation	160 USD / .417014178482=383.68000	383.68	
01-11-15	VAT 18%		69.06	
02-11-15	Accommodation	160 USD / .417014178482=383.68000	383.68	
02-11-15	VAT 18%		69.06	
03-11-15	Accommodation	160 USD / .416892483429=383.79195	383.79	
03-11-15	VAT 18%		69.08	
04-11-15	Accommodation	160 USD / .4167882299=383.88800	383.89	
04-11-15	VAT 18%		73.35	
05-11-15	Manual - American Express (b)(4); (b)(6)			2,268.33
		Total:	2,268.33	2,268.33

Balance	**0.00**	**GEL**
Total Incl. VAT	**2,268.33**	**GEL**
Total excl. VAT	**1,918.72**	**GEL**
VAT 18%	**349.61**	**GEL**

The mentioned total in USD is based on today's currency exchange rate to GEL: 0.4164 USD = 1 GEL
Total amount is: 944.43 USD
Please be advised, that the mentioned total amount in USD may differ from the amount in USD being charged by your credit card vendor, due to a possible difference in the applied exchange rate to USD.

$978.96
based on cc statement in Concur

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41 - 8

Insurance / Georgia / Nychyk

9	Страхування Європейське туристичне страхування ГРУЗІЯ (NYCHYK SERHIY) 01.11.15-05.11.15 №5595636	1	70,95	70,95
10	Bank charge Європейське туристичне страхування ГРУЗІЯ (NYCHYK SERHIY) 01.11.15-05.11.15 №5595636	1	2,13	2,13
11	Страхування Європейське туристичне страхування ГРУЗІЯ (MYKHAYLOVSKA NATALIYA) 01.11.15-05.11.15 №5595626	1	70,95	70,95
12	Bank charge Європейське туристичне страхування ГРУЗІЯ (MYKHAYLOVSKA NATALIYA) 01.11.15-05.11.15 №5595626	1	2,13	2,13
	Total/Разом	грн		438,48
	ПДВ (VAT)			0,00

Bank charge / insurance / Nychyk

insurance / Georgia / Mykhaylovska

Credit card
Кредитна картка

Разом прописом: Чотириста тридцять вісім гривень 48 копійок
Total: Four hundred thirty eight [illegible] 48 [illegible]
Sky Travel HRG Ukraine
Скай Тревел ЕйчАрДжі Украї[illegible]

bank charge / insurance / Mykhaylovska

(b)(6)

$20.15 per cc statement in Concur

HRG
Sky Travel HRG Ukraine

9-11

ТОВ "Скай Тревел Холдінг ЛТД"
01004 , м.Київ, вул. Червоноармійська, 9/2
Тел. Тел.: 044 490-65-93 факс.
Sky Travel Holding Ltd
Office 2A, 9/2 Chervonoarmiyska str., Kiev, 01004, Ukraine,
Tel. Тел.: 044 490-65-93 fax.

Накладна № 1 -007132
Receipt № 1 -007132

Company Black and Veatch, SRI 23.10.15

№	Denomination of services Найменування послуг	Qnt Кіл.	Price Ціна	Total Всьог
1	Страхування Європейське туристичне страхування ГРУЗІЯ (NEVOLKO OLEG) 01.11.15-05.11.15 №5595621	1	70,95	70
2	Bank charge Європейське туристичне страхування ГРУЗІЯ (NEVOLKO OLEG) 01.11.15-05.11.15 №5595621	1	2,13	2
3	Страхування Європейське туристичне страхування ГРУЗІЯ (DATSENKO ROMAN) 01.11.15-05.11.15 №5595622	1	70,95	70
4	Bank charge Європейське туристичне страхування ГРУЗІЯ (DATSENKO ROMAN) 01.11.15-05.11.15 №5595622	1	2,13	2
5	Страхування Європейське туристичне страхування ГРУЗІЯ (SYTIUK MYKOLA) 01.11.15-05.11.15 №5595623	1	70,95	70
6	Bank charge Європейське туристичне страхування ГРУЗІЯ (SYTIUK MYKOLA) 01.11.15-05.11.15 №5595623	1	2,13	2
7	Страхування Європейське туристичне страхування ГРУЗІЯ (ZOZ OLGA) 01.11.15-05.11.15 №5595627	1	70,95	70
8	Bank charge Європейське туристичне страхування ГРУЗІЯ (ZOZ OLGA) 01.11.15-05.11.15 №5595627	1	2,13	2

insurance / Georgia / Nevolko
insurance / Georgia / bank charge / Nevolko
insurance / Georgia / Datsenko
bank charge / insurance / Datsenko
insurance / Georgia / Sytiuk
bank charge / insurance / Sytiuk
insurance / Georgia / Zoz
bank charge / insurance / Zoz

= 3.22
3.22
13.71
20.15

TD 012 Ukraine Project 2 (UP-2) -Invoiced to Completion Invoice #725. Transitioned to BTRIC.

TD 013 One Health Epi Training - Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan and Nigerian National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015-02/29/2016

CLIN 1002 – Labor

Program Manager:
Represents the time spent by Metabiota Africa Regional Program Manager (b)(6) in support of this technical direction. In the period under review (b)(6) ontributed to support pre training events for One Health Epidemiology by leading bi-weekly stakeholder calls with CDC Uganda and DTRA CBEP representation. These calls provided an opportunity for all stakeholders to discuss key issues regarding upcoming trainings. (b)(6) ead email communication with all stakeholders in support of preparation of Cohort 9 Module 2 and Cohort 10 Module 1 epidemiology trainings.

(b)(6) upervised the program coordination activities for of OHE Uganda. CDRLs (CCR and CLS form) for Cohort 10 Module 2 were submitted to the client (b)(6) during this time. Due to participant cancellations, there were several revisions to the CLS form that took place (b)(6) ed the CONUS efforts to ensure that all changes were shared with DRTA CBEP representation. He also provided transparency to CLS subcontractor TTI when necessary and under the purview of DTRA CBEP representation.

Research and Data Analyst:
Represents the time spent by Metabiota Africa Project Coordinato (b)(6) functioned as a liaison between CDC Uganda and Metabiota under the supervision of the program manager. Her efforts were focused on supporting consistent communications with CDC Uganda representatives and training manager (b)(6) . The two were in regular communication with respect to the preparations for the Cohort 10 module 2 training event. In collaboration with the program manager (b)(6) ensured backs support for the timely submission of CDRLs, and as changes arose with participants (b)(6) (b)(6) hared updated CLS forms with (b)(6) drafted the agendas, participated, composed, and shared minutes for all bi-weekly OHE Stakeholder calls.

(b)(6) lso participated in, and lead the Metabiota pre training event trip planning meeting. These meetings included representation from Metabiota Programmatic, Technical, and Logistical team members. All parties reviewed upcoming travel and prepared for the team's travel. (b)(6) also worked with Metabiota AEP Travel Coordinator to ensure the in country logistics for Metabiota's team were in place and organized with respect to the FAR.

AFRICOM FLN-1:
Represents the time spent by Metabiota Independent Contractor and OHE lead trainer (b)(6)
(b)(6)

(b)(6) served as a lead trainer in support the the implementation of both Cohort 9 Module 2 training in Jinja, Uganda and Cohort 10 module 1 training in Fort Portal Uganda. He was tasked to provide both leadership and support to other OHE trainers as to provide lectures to all OHE training participants during both modules. (b)(6) was tasked to travel from his home base in Kampala Uganda to both Jinja and Fort Portal in support of the training event.

Trainer 1:
Represents the time spent by Metabiota Epidemiologist (b)(6) and Metabiota Epidemiology subject matter expert (b)(6)

(b)(6) attended bi-weekly stakeholder calls and offered his comments where relevant from a technical and scientific perspective. (b)(6) was tasked by the program manager to develop and update the trip risk report.

(b)(6) traveled to Uganda from Washington, DC to support the the implementation of both Cohort 9 Module 2 training in Jinja, Uganda and Cohort 10 module 1 training in Fort Portal Uganda. (b)(6) Vincent served as an epidemiologist trainer 1 during this time and took observational minutes of all training events. (b)(6) communicated his activities regularly during this time to Metabiota Program Coordinator (b)(6) who was tasked with providing backstopping support to this effort from the US.

(b)(6) raveled to Uganda from Washington, DC to support the the implementation of both Cohort 9 Module 2 training in Jinja, Uganda and Cohort 10 module 1 training in Fort Portal Uganda. (b)(6) served as an epidemiologist trainer 1 during this time and took observational minutes of all training events. During this time, (b)(6) served as the field team lead and was tasked with leading communications with CDC Uganda representation throughout the training event. (b)(6) eported all project activates back to Metabiota AEP leadership and maintained consistent communication with DTRA CBEP representation as needed.

Subject Matter Expert 3:
Represents the time spent by Metabiota Senior Scientist, (b)(6) attended bi-weekly stakeholder calls and attended pre travel meetings while contributing expert advice to lessons learned and general technical approach.

(b)(6) traveled to Uganda from Washington, DC to support the the implementation of both Cohort 9 Module 2 training in Jinja, Uganda and Cohort 10 module 1 training in Fort Portal Uganda (b)(6) (b)(6) erved as a Subject Matter Expert 3 during this time observed the training event and evaluated both the materials and of presentation of information for both accuracy and consistency (b)(6) provided expert insight to both Metabiota staff and CDC Uganda representation during all pre training meetings, and post training breakout sessions.

CLIN 1003 – Materials and Supplies
Material costs to support the communication needs of Metabiota personnel who traveled to and within Uganda are being invoiced for this period.

Communication hardware was that was purchased by Metabiota for a previous OHE training effort was brought to the field by the traveling staff members. While no additional hardware was required,

Metabiota staff purchased both data and airtime to support internet and telephone communications respectively.

Ugandan national (b)(6) was offered a daily communication allowance in support of his communication needs during One Health Epidemiology training Cohort 10 Module 2.

CLIN 1004 - Other Direct Costs
DBA Insurance was acquired to support the active time of those traveling to and working within Uganda during this period.

CLIN 1005 – Travel
To provide programmatic and technical support for Cohort 9 module 2 and Cohort 10 Module 1, a training event that took place between the dates of December 7th through December 18th, (b)(6) (b)(6) and (b)(6) traveled to the cities of Entebbe, Jinja, and Fort Portal, Uganda. Airline tickets for Metabiota Program Manager (b)(6) Epidemiologist (b)(6) and Senior Scientist (b)(6) were procured; allowing these key team members to attend the trainings and contribute their respective technical expertise. The Tickets were selected based on cost and time effectiveness, and are being expensed during the month of November.

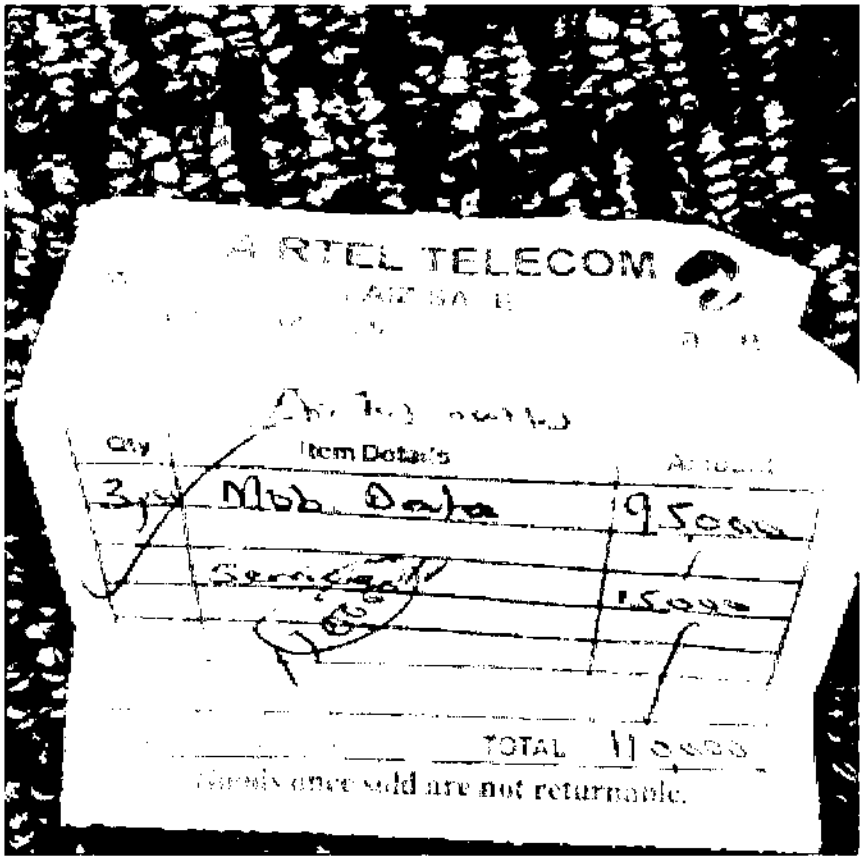
Ground transportation for the Metabiota in country project team to include (b)(6) (b)(6) was provided in support of Cohort 9 module 2, and Cohort 10 Module 1 OHE Trainings. A 4x4 vehicle was rented for a total of 14 days to support safety and convenience for the team, and to deliver Metabiota staff to and from the training location as needed. Fuel for this vehicle was purchased by Metabiota staff to ensure cost effectiveness, and to support travel between the embarkation city of Entebbe and the training sites of Jinja and Fort Portal Uganda for Cohort 9 Module 2 and Cohort 10 Module 1 events respectively. (b)(6) was provided a reimbursement for his travel to both training events for travel to and from his home in Kampala.

Lodging for the training events at a total of 14 nights for Metabiota staff members (b)(6) (b)(6) was provided for them to support the full breadth of both trainings (Cohort 9 Module 2 and Cohort 10 Module 1). (b)(6) were provided lodging for 1 night in Entebbe upon arrival, 5 nights in Jinja to support Cohort 9 Module 2, and 8 nights in Fort Portal to support Cohort 10 Module 1 and their weekend layover. Lodging for the training events at a total of 9 nights for Metabiota staff member (b)(6) was provided to support both trainings (b)(6) was provided lodging for 1 night in Entebbe, 5 nights in Jinja, and 3 nights in Fort Portal and did not remain in Uganda during the weekend layover. Metabiota IC and lead trainer (b)(6) was provided 5 nights of lodging in Jinja to support Cohort 9 Module 2 and 5 nights of lodging in Fort Portal to support Cohort 10 Module 1. (b)(6)

Per Diem in line with USG rates for each respective region traveled to are being expensed this month to support (b)(6) time in country and in transit. for a total of 17 full or partial dates in the regions of Entebbe, 2 full, and 2 half days each, Jinja, 5 full days each, Fort Portal, 8 full days each. (b)(6) was in kind compensated with per diem for the regions of Entebbe, 2 full, and 2 half days, Jinja, 5 full days, Fort Portal, 4 full days. (b)(6) was offered per diem compensation for his time in Jinja, 5 full days, and Fort Portal, 5 full days.

Metabiota						
TD 013 One Health Epi						
CLIN 1002 Labor						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

(b)(4); (b)(6)


ARTEL TELECOM
Qty
Item Details
TOTAL
Goods once sold are not returnable.

32.09

METABIOTA

MetaBiota, Inc.

CASH RECEIPT

Name of Recipient (b)(6)

Purpose of expense

Project Number

Amount (in digits and in words)

Date

Signature of Recipient

(b)(6)

Handled by

(b)(6)

$150.00

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	6CDOO8
Invoice No.:	72954	**Agent:**	(b)(6)
Issue Date:	Tuesday, November 17, 2015	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	(b)(6) 10712 DEBORAH DR POTOMAC MD 20854

- If you would like to view your reservation online with Check My Trip: Click Here
- For Aircraft Disinsection Requirements: Click Here

AIR - Friday December 4 2015

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL652)

Check In Confirmation: GLMBXQ

Depart:	6:00 PM, Friday, December 4 Dulles Intl Arpt. Washington, District of Columbia, USA	**Arrive:**	7:25 AM, Saturday, December 5 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	7 hours 25 minutes	**Seat:**	Assigned at Check In
FF Number:	(b)(4); (b)(6)	**Meal:**	Vegan Meal **Confirmed**
Remarks:	Airport ck in only for seating at this time Not eligible for web check in		

Weather Flight Status *(up to 3 days prior)*

AIR - Saturday December 5 2015

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: GLMBXQ

Depart:	9:55 AM, Saturday, December 5 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	10:25 PM, Saturday, December 5 Entebbe Intl. Airport Entebbe, Uganda
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Kigali
Duration:	10 hours 30 minutes	**Seat:**	Assigned at Check In
FF Number:	(b)(4); (b)(6)	**Meal:**	Vegan Meal **Confirmed**
Remarks:	Airport ck in only for seating at this time Not eligible for web check in		

Weather Flight Status *(up to 3 days prior)*

AIR - Saturday December 19 2015

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: GLMBXQ

Depart:	11:30 PM, Saturday December 19 Entebbe Intl. Airport Entebbe, Uganda	**Arrive:**	6:00 AM, Sunday, December 20 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 30 minutes	**Seat:**	32J (Non smoking) Confirmed
FF Number:	AF1021849414	**Meal:**	Vegan Meal Confirmed
Remarks:	Not eligible for web check in		

Weather | Flight Status (up to 3 days prior)

AIR - Sunday December 20 2015

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation: GLMBXQ

Depart:	1:00 PM, Sunday December 20 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3:45 PM, Sunday, December 20 Dulles Intl Arpt. Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	35G (Non smoking) Confirmed
FF Number:	AF1021849414	**Meal:**	Vegan Meal Confirmed
Remarks:	Not eligible for web check in		

Weather | Flight Status (up to 3 days prior) | Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7717183883		1520.00	739.54	2259.54
	Form of Payment	AX XXXXXXXXXXXX1212		
Processing Fee / 890 0659293671		43.00		43.00
	Form of Payment	AX XXXXXXXXXXXX1212		
	Totals:	1563.00	739.54	USD 2302.54

Total Charged to Credit Card: USD 2302.54
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with Delta Air Lines is GLMBXQ. Delta Air Lines contact phone number is 1-800-221-1212. fare $2259.54

• Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding.

• A valid passport is required for your journey. Passport must be valid at least 6 months beyond intended stay

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• CITIZENS OF USA REQUIRE A VISA FOR UGANDA

• This is an electronic ticket valid only on issuing airline.

• Passport and Etkt itinerary required for check in. Boarding passes required prior to entering security.

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service. Emergency travel assist collect in Netherlands/Uganda 416. -928-5404

Invoice No: 72954

access more

Federal law forbids the carriage of certain hazardous materials, such as aerosols fireworks and flammable liquids, aboard the aircraft If you do not understand these restrictions contact your airline or go to. http://www.faa.gov/about/initiatives/hazmat_safety/

For Aircraft Disinsection Requirements http //ostpxweb dot gov/policy/safetyenergyenv/disinsection htm

Sent To
(b)(6)

Subject: ExecuCar Reservation Confirmation 8906421/8906422
Date: Thursday, December 3, 2015 at 10:42:03 AM Eastern Standard Time
From: ExecuCar
To: (b)(6)

ExecuCar

Confirmation

(b)(6)

Below is a summary of your confirmed service with ExecuCar. This information is for your records. No additional action is necessary.

Departure Itinerary (To the Airport)

Confirmation Number:	8906421
Pickup Date/Time:	Friday, December 04, 2015 1:30 PM
Pickup:	FOIA (b)(6)
Airport:	IAD - WASHINGTON DC DULLES AIRPORT
Airline:	DELTA AIR LINES
Flight #:	DL9385 - International
Passengers:	1
Service Type:	EXECUCAR HYBRID PRIUS - (UP TO 4 PASSENGERS)
Fare:	$80.10
Tip:	$0.00
Total:	**$80.10**

Arrival itinerary (From the airport)

Confirmation Number:	8906422
Pickup Date/Time:	Sunday, December 20, 2015 3:45 PM
Airport:	IAD - WASHINGTON DC DULLES AIRPORT
Airline:	DELTA AIR LINES
Flight #:	DL9384
Drop Off:	FOIA (b)(6)

Passengers:	1
Service Type:	EXECUCAR HYBRID PRIUS - MEET AND GREET (UP TO 4 PASSENGERS)
Fare:	$89.10
Tip:	$0.00
Total:	**$89.10**

Special Instructions

FOR YOUR AIRPORT COLLECTION (MEET & GREET): YOU WILL RECEIVE A TEXT WITH YOUR DRIVER'S CELL NUMBER WHEN YOU TURN ON YOUR PHONE. YOUR DRIVER WILL BE WAITING FOR YOU IN THE BAGGAGE CLAIM AREA WHERE YOUR FLIGHT IS POSTED, HOLDING A TABLET WITH YOUR NAME ON IT AND WILL ASSIST YOU WITH YOUR LUGGAGE. IF YOU CANNOT FIND YOUR DRIVER, PLEASE CALL HIS/HER NUMBER OR OUR DISPATCH TEAM AT 1-800-410-4444

Billing

Payment Method:	PREPAID CREDIT CARD
Card type:	AMEX
Card number:	XXXX-XXXX-XXXX- 1212
Roundtrip total fare:	**$169.20**

Thank you for using ExecuCar!

We value your safety. Please wear your seatbelt during your ride with us.

To view our cancellation policy, click [here].

To make a change or cancel. call 1 (800) 410-4444.

Contact I Terms I Privacy

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	6H5OHO
Invoice No.:	73068	**Agent:**	(b)(6)
Issue Date:	Monday, November 23, 2015	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	(b)(6)

- If you would like to view your reservation online with Check My Trip Click Here
- For Aircraft Disinsection Requirements. Click Here

AIR - Friday December 4 2015

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL652)

Check In Confirmation: GZXXET

Depart:	6:00 PM, Friday, December 4 Dulles Intl Arpt Washington, District of Columbia, USA	**Arrive:**	7:25 AM, Saturday, December 5 Schiphol Airport Amsterdam Netherlands
Status:	Confirmed		
Booking Code:	M (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	7 hours 25 minutes	**Seat:**	Assigned at Check In
FF Number:	(b)(4); (b)(6)	**Meal:**	Dinner
Remarks:	Airport ck in only for seating at this time Not eligible for web check in Airport ck in only for seating at this time		

Weather Flight Status *(up to 3 days prior)*

AIR - Saturday December 5 2015

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: GZXXET

Depart:	9:55 AM, Saturday, December 5 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	10:25 PM, Saturday, December 5 Entebbe Intl. Airport Entebbe, Uganda
Status:	Confirmed		
Booking Code:	M (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Kigali
Duration:	10 hours 30 minutes	**Seat:**	Assigned at Check In
FF Number:	(b)(4); (b)(6)	**Meal:**	Breakfast
Remarks:	Airport ck in only for seating at this time Not eligible for web check in Airport ck in only for seating at this time		

Weather | Flight Status (up to 3 days prior)

AIR - Saturday December 19 2015

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: GZXXET

Depart:	11:30 PM, Saturday, December 19 Entebbe Intl. Airport Entebbe, Uganda	**Arrive:**	6:00 AM, Sunday, December 20 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 30 minutes	**Seat:**	34A (Non smoking) Confirmed
FF Number:	DL2604823696	**Meal:**	Breakfast
Remarks:	Not eligible for web check in		

Weather | Flight Status (up to 3 days prior)

AIR - Sunday December 20 2015

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation: GZXXET

Depart:	1:00 PM Sunday, December 20 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3:45 PM, Sunday December 20 Dulles Intl Arpt Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	43G (Non smoking) Confirmed
FF Number:	DL2604823696	**Meal:**	Lunch
Remarks:	Not eligible for web check in		

Weather | Flight Status (up to 3 days prior) | Dining Reservations

Invoice Details

Transaction / Document	Base	Tax	Total
Delta Air Lines / 006 7717183999	2275.00	739.34	3014.34
	Form of Payment: AX XXXXXXXXXXXX1329		
Processing Fee / 890 0659319626	43.00		43.00
	Form of Payment: AX XXXXXXXXXXXX1329		
Totals:	2318.00	739.34	USD 3057.34

Total Charged to Credit Card: USD 3057.34
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with Delta Air Lines is GZXXET Delta Air Lines contact phone number is 1-800-221-1212. fare $3014 18

• Please check in at least 3 hours prior to departure Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding

• A valid passport is required for your journey. Passport must be valid at least 6 months beyond intended stay

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov

• CITIZENS OF USA REQUIRE A VISA FOR UGANDA

• Delta Air lines freq. flyer nbr 2604823696 appended

• This is an electronic ticket valid only on issuing airline.

• Passport and Etkt itinerary required for check in. Boarding passes required prior to entering security

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service. Emergency travel assist collect in Netherlands/Uganda 416. -928-5404

Invoice No: 73068

access more

Federal law forbids the carriage of certain hazardous materials such as aerosols fireworks and flammable liquids aboard the aircraft If you do not understand these restrictions, contact your airline or go to http //www faa.gov/about/initiatives/hazmat_safety/

For Aircraft Disinsection Requirements http //ostpxweb dot gov/policy/safetyenergyenv/disinsection htm

Sent To
(b)(6)

Subject: ExecuCar Reservation Confirmation 8906487/8906488
Date: Thursday, December 3, 2015 at 10:33:00 AM Eastern Standard Time
From: ExecuCar
To: (b)(6)

ExecuCar

Confirmation

Dear Thomas Vincent,
Below is a summary of your confirmed service with ExecuCar. This information is for your records. No additional action is necessary.

Departure Itinerary (To the Airport)

Confirmation Number:	8906487
Pickup Date/Time:	Friday, December 04, 2015 1:30 PM
Pickup:	FOIA (b)(6)
Airport:	IAD - WASHINGTON DC DULLES AIRPORT
Airline:	DELTA AIR LINES
Flight #:	DL9385 - International
Passengers:	1
Service Type:	EXECUCAR HYBRID PRIUS - (UP TO 4 PASSENGERS)
Fare:	$89.10
Tip:	$0.00
Total:	**$89.10**

Arrival itinerary (From the airport)

Confirmation Number:	8906488
Pickup Date/Time:	Sunday, December 20, 2015 3:45 PM
Airport:	IAD - WASHINGTON DC DULLES AIRPORT
Airline:	DELTA AIR LINES
Flight #:	DL9384
Drop Off:	FOIA (b)(6)

Passengers:	1
Service Type:	EXECUCAR HYBRID PRIUS - MEET AND GREET (UP TO 4 PASSENGERS)
Fare:	$98.10
Tip:	$0.00
Total:	**$98.10**

Special Instructions

FOR YOUR AIRPORT COLLECTION (MEET & GREET): YOU WILL RECEIVE A TEXT WITH YOUR DRIVER'S CELL NUMBER WHEN YOU TURN ON YOUR PHONE. YOUR DRIVER WILL BE WAITING FOR YOU IN THE BAGGAGE CLAIM AREA WHERE YOUR FLIGHT IS POSTED, HOLDING A TABLET WITH YOUR NAME ON IT AND WILL ASSIST YOU WITH YOUR LUGGAGE. IF YOU CANNOT FIND YOUR DRIVER, PLEASE CALL HIS/HER NUMBER OR OUR DISPATCH TEAM AT 1-800-410-4444

Billing

Payment Method:	PREPAID CREDIT CARD
Card type:	AMEX
Card number:	XXXX-XXXX-XXXX- 1329
Roundtrip total fare:	**$187.20**

Thank you for using ExecuCar!

We value your safety. Please wear your seatbelt during your ride with us.

To view our cancellation policy, click [here].

To make a change or cancel, call 1 (800) 410-4444.



METABIOTA

Metabiota, Inc

CASH RECEIPT

Name of Recipient (b)(6)

Purpose of expense Reimbursement for transportation to/from CME Training, Jinja, Uganda on 6 and 11 December, and to/from Entebbe, Uganda on 13 and 18 December 2017

Project Number

Amount (in digits and in words) $150, one hundred sixty US dollars

Date

Signature of Recipient

(b)(6)

Handed by

(b)(6)

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	6CDOHA
Invoice No.:	72955	**Agent:**	(b)(6)
Issue Date:	Tuesday, November 17, 2015	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

- If you would like to view your reservation online with Check My Trip Click Here
- For Aircraft Disinsection Requirements Click Here

AIR - Friday December 4 2015

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL652)

Check In Confirmation: GLHECB

Depart:	6:00 PM, Friday, December 4 Dulles Intl Arpt Washington District of Columbia, USA	**Arrive:**	7:25 AM, Saturday, December 5 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	7 hours 25 minutes	**Seat:**	Assigned at Check In
FF Number:	(b)(4); (b)(6)	**Meal:**	Dinner
Remarks:	Airport ck in only for seating at this time Not eligible for web check in		

Weather Flight Status *(*up to 3 days prior)*

AIR - Saturday December 5 2015

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: GLHECB

Depart:	9:55 AM, Saturday, December 5 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	10:25 PM, Saturday, December 5 Entebbe Intl. Airport Entebbe, Uganda
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Kigali
Duration:	10 hours 30 minutes	**Seat:**	Assigned at Check In
FF Number:	(b)(4); (b)(6)	**Meal:**	Breakfast
Remarks:	Airport ck in only for seating at this time Not eligible for web check in		

Weather Flight Status *(*up to 3 days prior)*

8, 9

AIR - Saturday December 19 2015

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: GLHECB

Depart:	11:30 PM, Saturday, December 19 Entebbe Intl. Airport Entebbe, Uganda	**Arrive:**	6:00 AM, Sunday, December 20 Schiphol Airport Amsterdam Netherlands
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 30 minutes	**Seat:**	20J (Non smoking) Confirmed
FF Number:	DL2459050007	**Meal:**	Breakfast
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)*

AIR - Sunday December 20 2015

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation: GLHECB

Depart:	1:00 PM, Sunday, December 20 Schiphol Airport Amsterdam Netherlands	**Arrive:**	3:45 PM, Sunday, December 20 Dulles Intl Arpt Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	34G (Non smoking) Confirmed
FF Number:	DL2459050007	**Meal:**	Lunch
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7717183884		1520.00	739.54	~~2259.54~~
	Form of Payment: VI XXXXXXXXXXXX9033			
Processing Fee / 890 0659293672		43.00		43.00
	Form of Payment: VI XXXXXXXXXXXX9033			
	Totals:	1563.00	739.54	USD 2302.54

Total Charged to Credit Card: USD 2302.54
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with Delta Air Lines is GLHECB. Delta Air Lines contact phone number is 1-800-221-1212.

• Fare $2259.54

• Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding.

• A valid passport is required for your journey. Passport must be valid at least 6 months beyond intended stay

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov

• CITIZENS OF USA REQUIRE A VISA FOR UGANDA

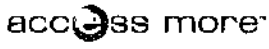
• Delta Air lines freq. flyer nbr 2459050007 appended

• This is an electronic ticket valid only on issuing airline.

• Passport and Etkt itinerary required for check in. Boarding passes required prior to entering security.

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service. Emergency travel assist collect in Netherlands/Uganda 416. -928-5404 -Emergency travel assist in Uganda call collect 416 928-5404

Invoice No: 72955



Federal law forbids the carriage of certain hazardous materials, such as aerosols fireworks and flammable liquids aboard the aircraft If you do not understand these restrictions contact your airline or go to http //www faa gov/about/initiatives/hazmat_safety/

For Aircraft Disinsection Requirements: http://ostpxweb dot gov/policy/safetyenergyenv/disinsection htm

Sent To FOIA (b)(6) metabiota@uniglobekentlands.com invoices@uniglobekentlands.com

AINUSHAMSI ENERGY (U) LIMITED

Plot 5808, Bombo Road,
P.O. Bo 21086, Kampala Uganda.
Tel: +256 414 236 829
Fax: +256 414 236 847
E-mail: info@ainushamsi.com

CASH SALE

Date 1/12/17

No

M/s ..... TIN: 1000384166

Qty	Particulars	Rate	Amount
51	Sc		

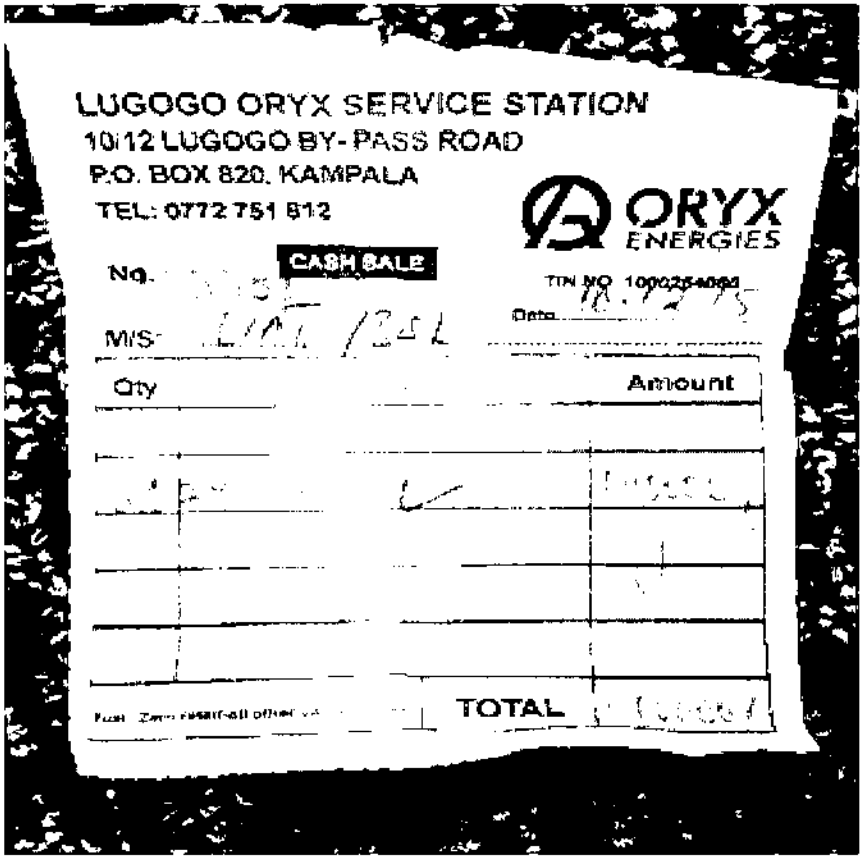
E&O.E Thank you TOTAL

GOODS ONCE SOLD ARE NOT RETURNABLE

(b)(6)

10.8

10



LUGOGO ORYX SERVICE STATION
10/12 LUGOGO BY-PASS ROAD
P.O. BOX 820, KAMPALA
TEL: 0772 751 812

ORYX ENERGIES

CASH SALE

No. [illegible]

TIN NO. 100025[illegible]

Date 18.12.15

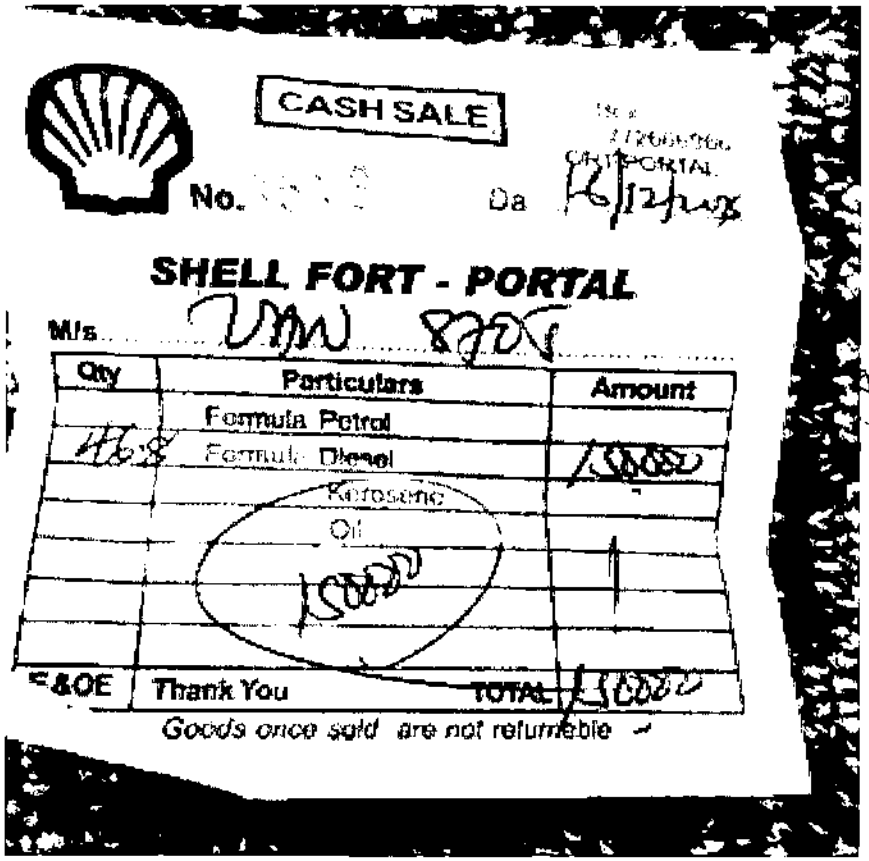
M/S: [illegible]

Qty		Amount
	TOTAL	[illegible]

Fuel Zero rated-all other [illegible]

58.12

11



CASH SALE

No. [illegible] Da 16/12/2005

ORT PORTAL

SHELL FORT - PORTAL

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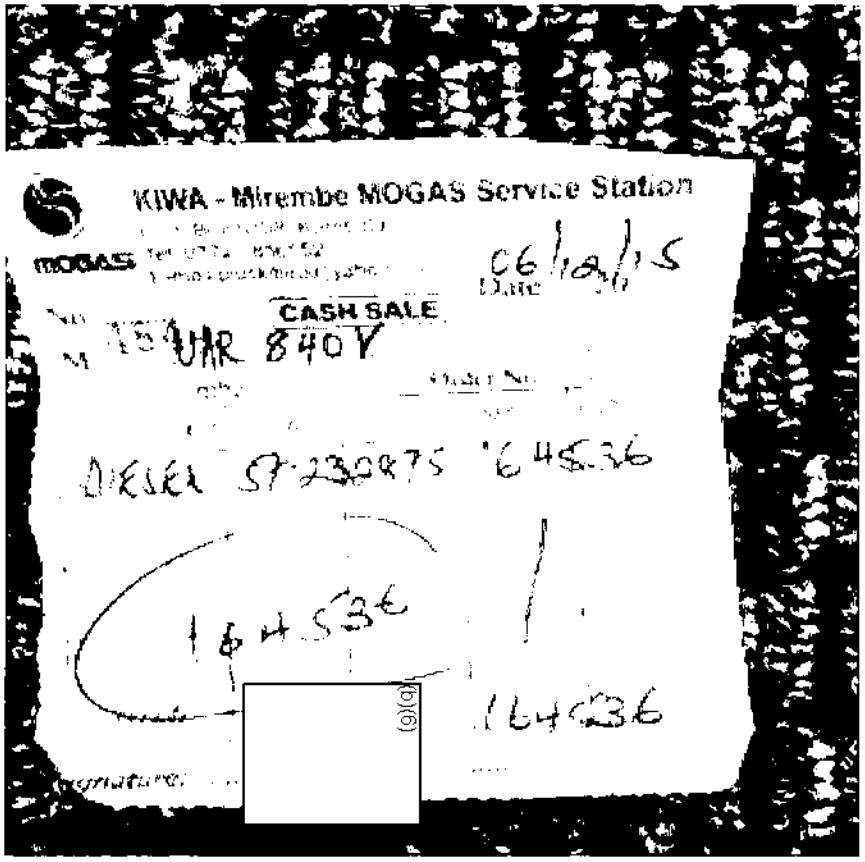
Qty	Particulars	Amount
	Formula Petrol	
46.8	Formula Diesel	150000
	Kerosene	
	Oil	
	150000	
E&OE	Thank You TOTAL	150000

Goods once sold are not returnable

$45.89

12



KIWA - Mirembe MOGAS Service Station

MOGAS

06/12/15
Date

CASH SALE

No. 154 UAR 840V

Order No.

DIESEL 57-230875 164536

164536

164536

(b)(6)

Signature:

$50.15

13

TD 014 Grant Writing Mentorship and Workshop – Kenya

Objectives

The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 07/02/15-05/15 16

CLIN 1002 – Labor

Program Manager:

Represents the time spent by Metabiota Africa Regional Program Manager (b)(6) in support of this technical direction (b)(6) lead bi-weekly calls with DTRA CBEP representation, and Kenyan Stakeholder (b)(6) He additionally led conference calls by request and as needed to offer both direction and explanation to the Kenyan Stakeholder. (b)(6) oversaw and worked to develop the SME and participant coordination plan (b)(6) versaw and provided adjustments to the developed work plan per suggestions from DTRA CBEP representation. He also provided oversight and final approval of the Cable Clearance Request form.

Subject matter 1

Represents the time spent by Metabiota Project Coordinator FOIA (b)(6) (b)(6) attended all conference calls held to support communications among Metabiota, DTRA CBEP representation, and our Kenyan stakeholder (b)(6) was responsible for recording minutes for these calls, and for providing comments on project work plan questions from all stakeholders. She was responsible for the development and submission of the Training Event Plan, and began the development of independent consultant agreements in lieu of sufficient information for their completion (b)(6) additionally contributed to the development of the SME participant communication plan and lead efforts to develop necessary independent consultant agreements.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced for during this period

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota						
TD 014 Kenya Grants						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 015 Health Informatics Support Services – Vietnam - Invoiced to completion on Invoice #239

TD 016 Georgia GIS

Objectives

Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

(b)(6) provided administrative oversight to this effort. He continued negotiations for establishing a subcontract agreement with University of Florida. Dennis also participated in teleconference calls for the three CBR projects related to this effort.

Subject matter expert 1:

(b)(6) as Project Coordinator, assisted in revising subcontract documents and participated in subcontract discussions and negotiations with University of Florida.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced for during this period

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota						
TD 016 Georgia GIS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 017 Georgia SME Grantsmanship

Objectives

Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

(b)(6) provided administrative and technical oversight of all efforts, conducting communications with the subject matter experts and Georgian stakeholders. He held discussions with the DTRA Country Manager regarding the lack of firm commitments of mentees and their time by NCDC and LMA. He worked with the PC and SMEs to chart a possible strategy for moving forward and communicated that strategy to the DTRA CM. He also reviewed and submitted travel documentation.

Subject matter expert 1:

(b)(6) as Project Coordinator, assisted with administrative and technical oversight of all efforts, participating in communications with the subject matter experts and Georgian stakeholders. She assisted with planning a strategy for moving forward, and worked with the SMEs to draft travel documentation.

Subject Matter Expert 2:

Subcontractor Attimo (now Avila) SMEs (b)(6) and (b)(6) completed the extensive mentorship materials. They also participated in project coordination communications with Metabiota and the Georgian stakeholders, as well as the development of an alternate strategy for moving forward. They worked with the PC to draft travel documentation.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced for during this period

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota						
TD 017 Georgia SME						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

(b)(4); (b)(6)

TD 018 Georgia Visiting Scientist Genomics

Objectives

Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

(b)(6) provided administrative and technical oversight of all efforts. He led communications with the visiting scientist and reviewed the visiting scientist's reports. He also communicated the ongoing efforts to DTRA in meetings and teleconferences.

Subject matter 1:

(b)(6) articipated in project coordination calls with the visiting scientist and drafted CDRL language summarizing communications with the visiting scientist.

Visiting Scientist

(b)(6) articipated in project coordination calls with the PM and PC and drafted written communications summarizing his ongoing mentorship work. He continued mentorship activities on comparative genomics of FSU anthrax vaccine strains at the Lugar Center. He began mentoring some junior staff in multiple areas of introductory molecular evolution to provide an educational foundation which appears to be missing in many of the senior staff. (b)(6) also mentored the Eliava Institute's virology team on quality assessment of NGS sequence data generated at the Lugar Center. He continued mentoring (b)(6) on the characterization of the *Shigella*-like bacterial strain identified and sequenced at the Lugar Center.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced for during this period

CLIN 1004 - Other Direct Costs

Defense Base Act insurance costs were accrued for this time period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota

TD 018 Georgia Genomics

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

(b)(4); (b)(6)

TD 019 Georgia Visiting Scientist Microbiology

Objectives

Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

(b)(6) rovided administrative and technical oversight to this effort. He held regular coordination calls with the Visiting Scientist to discuss current efforts and any technical or programmatic issues of concern and reviewed informal reports from the Visiting Scientist. He communicated with DTRA via teleconference and email.

Subject matter 1:

(b)(6) assisted the PM in providing administrative and technical oversight to this effort. She participated in regular coordination calls with the Visiting Scientist, reviewed informal reports from the Visiting Scientist, and drafted language for reporting to DTRA. She is also working with the Visiting Scientist to determine the most efficient path forward for translation and interpretation services.

Visiting Scientist

(b)(6) participated in regular coordination calls with the PM and PC, providing informal reports on activities being conducted. He continued work on the TAP-11 validation plan. The VS participated in a meeting between (b)(6) (LMA) and (b)(6) (NCDC) covering topics including serology and bacteriology training; BAA submissions; and *Brucella* bacteriology testing. He assisted Lugar Center and Batumi staff with troubleshooting of the PCR protocols and reagents for the avian influenza CBR work with University of Cambridge, coordinating communications between relevant entities. Ryan also assisted NCDC with the final preparatory steps for the installation of the GCMS instrument secured through UNICRI.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced for during this period

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota						
TD 019 Georgia Microbiology						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 020 Gabon Initial Engagement SME Support
Metabiota will provide subject matter expertise in support of a DTRA CBEP funded effort to establish an initial engagement strategy with Gabon.
Period of Performance: 12/15/15 – 01/06/16 (Cancelled)

CLIN 1002 – Labor

Program Manager:
Represents the time spent by Metabiota Program Managers (b)(6) lead and completed the development and submission of the technical proposal for TD-020.1 (b)(6) additionally provided oversight to the submission of the Cable Clearance Request for this effort. (b)(6) assumed the role of Program Manager post approval of this technical direction and contributed time to communications with the determined subject matter expert and project coordinator for this effort. (b)(6) also reached out to DTRA CBEP representation in an effort to establish regular communications prior to the cancellation of this TD.

CLIN 1003 – Materials and Supplies
No materials or supply costs are being invoiced for during this period

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel
No travel related costs are being invoiced for during this period.

Metabiota						
TD 020 Gabon						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						
Total CLIN 1002				(b)(4); (b)(6)		

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Invoice and Narrative 02/01/16-02/29/16

Prepared for:

Prepared by:

METABIOTA

04/10/16

Invoice Summary

METABIOTA

Invoice February 01- February 29 2015

Remit To:
Metabiota, Inc.
425 California St. 2nd Floor
San Francisco
CA
94104

Bill To:
Defense Threat Reduction Agency
8725 John J. Kingman Rd.
Ft. Belvoir
VA
22060-6201

CLIN	CURRENT INVOICE	CUMULATIVE INVOICED
CLIN 1001	$ 161,520.52	$1,534,444.94
CLIN 1002	$ 282,116.28	$3,508,952.36
CLIN 1003	$ 965.40	$343,982.03
CLIN 1004	$ 4,104.95	$10,863.82
CLIN 1005	$ 11,034.10	$182,247.70
TOTAL	**$ 459,741.25**	**$5,580,490.85**

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 - 04/30/16

CLIN 1002 – Labor

Program Manager:
Costs incurred during this period were for [(b)(6)] continue project management activities on this proje[(b)(6)] communicated with DTRA and A&AS to discuss options for the delivery of PPE and communication of roles and expectations to the Ministry of Defense and Ministry of Military Health. He coordinated with the training team to identify the training dates, and directed the Metabiota Cameroon team to communicate with stakeholders to coordinate logistics and delivery of training equipment and materials.

Scientific Mentor:
[(b)(6)] participated in coordination meetings to familiarize the training team with materials and to assist in identifying a replacement trainer after the departure of [(b)(6)]

CLIN 1003 – Materials and Supplies
No material costs are being invoiced during this period.

CLIN 1004 – ODCs
No other direct costs are being invoiced during this period.

CLIN 1005 – Travel
No travel costs are being invoiced during this period.

Metabiota

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan – Invoiced to Completion Invoice #729.

TD 003 Bat Borne Virus from Annual Bat Cull India - Canceled and will not be invoiced

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop

Objectives

Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/2015 - 05/15/2016

CLIN 1002 – Labor

Program Manager:

Costs were incurred during this period for (b)(6) support execution of the MESA conference in March. During this time period, (b)(6) oversaw all activities of the project coordinator and subcontractors, participated in routine communications with CBEP, Gryphon, RSS, CLS, and A&AS teams to continue conference logistics and requirements, (b)(6) support development and execution of the networking and proceedings day supported by Metabiota, and final review and submission of all abstracts, presentations, and posters for review and approval by CBEP.

Research and Data Analysts:

Costs were incurred during this period for (b)(6) to support execution of the MESA conference in March. During this period, (b)(6) participated in routine communications with CBEP, Gryphon, RSS, CLS, and A&AS teams to continue conference logistics and requirements. (b)(6) (b)(6) worked with A&AS and all participants to finalize travel requirements for all attendees, and ensure coordination and attendance at the networking day.

Costs were incurred during this period for (b)(6) to support contractual and administrative requirements for Gryphon Scientific in execution of the MESA conference. (b)(6) prepared the monthly invoice and back up documentation for Gryphon, as well as coordination with (b)(6) to prepare the monthly report and manage Gryphon's internal administrative needs to support this project.

Subject Matter Expert I:

Costs were incurred during this period for (b)(6) to support execution of the MESA conference. Both (b)(6) participated in review of all abstracts, presentations, and posters prior to submission to CBEP for review and approval. They worked directly with the scientists to secure their submissions and make any revisions required for final acceptance for presentation from the conference. In addition, they supported the development of the secure conference app for use during the event, and participated in routine logistics and technical communications with all team members to finalize needs prior to execution of the event.

Subject Matter Expert III:

Costs were incurred during this period for (b)(6) to support execution of the MESA conference. (b)(6) oversaw all work completed by the Gryphon team, to include review of conference materials, submitted posters and presentations, completion of the abstract book, and conference app. In addition, (b)(6) participated in routine conference calls with project team members and support implementation of logistics and technical requirements necessary for

implementation of the event. (b)(6) completed monthly report, labor tracking, and other administrative needs required for Gryphon performance on the project.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced during this period.

CLIN 1004 – ODCs
Costs for International SOS insurance were incurred during this period for (b)(6) Project Coordinator, providing emergency coverage during her time in Amman, Jordan to implement the conference.

CLIN 1005 – Travel
Costs were incurred during this period to ship and submit the ISOPREP form for (b)(6) to complete travel training requirements for attendance at the MESA conference. This one-time charge was approved by (b)(6) on 14 January to facilitate her reimbursement for this expense.

Metabiota						
TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

MEMBER LIST

Invoice No IUS6V01999

Date 11 Feb 2016

Company Name : Metabiota

Contract : Std Group Service Comprehensive Membership

Contract No : 11BYSC000020

Validity : 04 Mar 2016 To 10 Mar 2016

Contract : Std Group Service Comprehensive Membership

Contract No : 11BYSC000020

Validity : 10 Feb 2016 To 29 Jun 2016

Serial #	Member Name	Amount	Eff.Date	Exp.Date
1	FOIA (b)(6)		04 Mar 2016	10 Mar 2016
2	(b)(6)	USD 546.00	10 Feb 2016	29 Jun 2016

TD 004 00C 1

Prepared By
Internal Reference

Shipment Receipt: Page #1 of 1

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(410) 812-7217

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6200 MEADE RD
FORT BELVOIR VA 22060-5264
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SHIPMENT ID: MN1TM1S2GCAY3
SHIP REF 1: - -
SHIP REF 2: - -

DESCRIPTION OF GOODS:
- -

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NEXT DAY AIR COM	22.85
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FUEL SURCHARGE	1.30
CMS PROCESSING FEE	0.28
TOTAL	$47.43

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Total $ 47.43

American Express $ 47.43
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Appr Code: (K) Sale

Receipt ID 8270771691245088806/ 00: 1 Items
CSH: (b)(6) Tran: 2754 Reg: 002

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TD 005 Iraqi Distance Learning – Canceled and will not be invoiced

TD 006 Nipah Research Activity Project- Canceled - Invoiced to Completion Invoice #725

TD 007 Regional Baseline Assessment - Invoiced to Completion Invoice #725.

TD 008 Clinician Training – Invoiced to Completion Invoice #726.

TD 009 NHLS BS&S Training - South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/2015-05/15/2016

CLIN 1002 – Labor

Program Manager:
Costs incurred during this period were for (b)(6) to continue project management activities on this project (b)(6) communicated with DTRA and A&AS to discuss the current status of the project and possible paths forward for the OHASIS module development. He communicated with the NHLS team via email and teleconference to manage efforts. He also managed logistical issues which arose with the venue chosen for fit-testing training when it became apparent that a disconnect had occurred in the coordination surrounding the Metabiota/NHLS team's lodging arrangements. (b)(6) also worked with (b)(6) on financial management and invoicing.

Grants Manager:
Costs incurred during this period were for (b)(6) to manage in-country efforts and participate in communications with (b)(6) managed all NHLS in country, including the fit-testing training effort at the beginning of February. (b)(6) continued coordinating efforts with the videography company.

Trainer 1:
Costs incurred during this period were for (b)(6) to continue project coordination activities on this project and for (b)(6) to serve as a trainer during the fit-testing training effort.

Research and Data Analyst:
Costs incurred during this period were for (b)(6) and (b)(6) to assist in administrative management, and (b)(6) to act as the lead trainer during the fit-testing training effort.

Subject Matter Expert 1:
Costs incurred during this period were for (b)(6) to assist with the fit-testing training effort.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs
Defense Base Act insurance is procured for all staff working outside of the United States. Metabiota has secured a blanket policy, and costs are reconciled each month and debited against the policy.

CLIN 1005 – Travel
No travel costs are being invoiced during this period.

Metabiota

TD 009 NHLS

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Program Manager				Completed by Finance
Project Name	**Project Code**	**Name**	**SUB/IC/EMP**	**3.5% to Apply to program**
TD 04 MESA	01021.02.004.MSA.04			$ -
TD 04 MESA Total				$ -
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 91.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 84.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 56.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 11.38
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 7.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 56.00
TD 09 NHLS Total				**$ 305.38**
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 27.17
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 50.07
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 83.46
TD 10 OHERSA Total				**$ 160.70**
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 71.93
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 68.25
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 178.50
TD 13 OHE	01021.02.013.OHE.04		IC	$ 5.78
TD 13 OHE Total				**$ 324.46**
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 369.60
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 292.60
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 231.00
TD 14 Kenya	01021.02.014.KEN.04		EMP	$ 77.24
TD 14 Kenya	01021.02.014.KEN.04		EMP	$ 184.90
TD 14 Kenya Total				**$ 1,155.35**
TD 16 Georgia GIS	01021.02.016.GIS.04		SUB	$ 135.08
TD 16 Georgia GIS	01021.02.016.GIS.04		SUB	$ 34.93
TD 16 Georgia GIS Total				**$ 170.02**
TD 18 Georgia Genomics	01021.02.018.GGM.04		IC	$ 431.20
TD 18 Georgia Genomics Total				**$ 431.20**
TD 19 Georgia Micro	01021.02.019.GMC.04		Employee	$ 336.54
TD 19 Georgia Micro Total				**$ 336.54**
Grand Total				**$ 2,883.63**

(b)(6)

TD 010 One Health Epidemiology - South Africa

Objectives
Define the South African Training One Health and Epidemiology training landscape, and oversee the review and development of recommendations for adaptation of existing One Health Epidemiology Training Materials while supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015 - 03/31/2016

CLIN 1002 – Labor

Program Manger:
Costs incurred this period support time spent by Metabiota Program Manage (b)(6) oversaw all day to day project activities in support of One Health Epidemiology South Africa (b)(6) (b)(6) ead bi-weekly project calls with South African Partners CDC-South Africa, USDA-South Africa, and USDA-APHIS South Africa (b)(6) additionally lead calls with DTRA CBEP representation in support of regular client communications and development of an in-country meeting agenda and slide presentation.
(b)(6) raveled to Pretoria, South Africa to support the convention of in-country meetings with project stakeholders (b)(6) supported the efforts of Metabiota Staff Scientist (b)(6) during all presentations by providing insight and answering questions related to implementation of One Health Epidemiology trainings. He also oversaw the scheduling and coordination of all meetings and lead out-brief calls with DTRA CBEP representation.

Trainer 1:
Costs incurred this period by Metabiota Project Coordinato (b)(6) include attending, recording and offering technical insight during bi-weekly project stakeholder and client calls (b)(6) (b)(6) also provided technical support to the PM and SME 2 during the development of the in-country meeting agenda, and worked to backstop stakeholder communication.
(b)(6) raveled to Pretoria, South Africa to support the convention of in-country meetings with project stakeholders. Ms. Campbell supported the efforts of Metabiota Staff Scientist (b)(6) during all presentations by recording minutes and answering questions as necessary related to Metabiota's plans for engagement in-country. She was responsible for the general coordination and scheduling of these meetings with in Pretoria/Johannesburg.

Subject Matter Expert 2:
Costs incurred this period by Metabiota Staff Scientis (b)(6) n her role as epidemiology subject matter expert and project technical lead include editing the in-country meeting agenda, and provided regular progress updates on her activities to the PM, South African Stakeholders, and DTRA CBEP representation as necessary. She participated in all project calls by providing technical expertise to questions raised by other stakeholders.

(b)(6) raveled to Pretoria, South Africa to support the convention of in-country meetings with project stakeholders (b)(6) lead all presentations with support for the Metabiota Project Team and South African Stakeholders. She was responsible for oversight of stakeholder engagement during meetings and for providing technical support to (b)(6) during the out-brief call with DTRA CBEP representation

CLIN 1003 – Materials and Supplies
Material costs include the purchase of a USB Modem and SIM Card used to provide the Metabiota Project Team the ability to remain connected online and with South African Stakeholders while in Pretoria

CLIN 1004 - Other Direct Costs
Defense Base Act insurance is procured for all staff working outside of the United States. Metabiota has secured a blanket policy, and costs are reconciled each month and debited against the policy.

CLIN 1005 – Travel
Costs were incurred fo (b)(6) to travel to South Africa and convene in-country meetings. Receipts support the cost of flights, travel agent service fees, in-country transport, airport transfers, and per diem allocations for the dates of 2/15/16-2/20/16.

Metabiota						
TD 010 One Health Epi South Africa						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(6)

METABIOTA

Lost or Missing Receipt Form

Vendor: Vodacom, South Africa

Description of Expense:
wifi modem and services for OHE RSA travel Feb. 15-19, 2016

Date:
Feb. 16, 2016

Amount:
$38.10

Project:
TD-010 OHE RSA

Reason for Missing Receipt:
Receipt accidentally lost upon packing for return trip

Signature of Program Mana (b)(6) Date: 22 Feb 2016

Printed Name (b)(6)

Signature of Employe (b)(6) Date: Feb 22 2016

Printed Name (b)(6)

November 13, 2015

TD 010 Materials

Completed by Program Manager				Completed by Finance
Project Name	**Project Code**	**Name**	**SUB/IC/EMP**	**3.5% to Apply to program**
TD 04 MESA	01021.02.004.MSA.04			$ -
TD 04 MESA Total				$ -
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 91.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 84.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 56.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 11.38
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 7.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 56.00
TD 09 NHLS Total				**$ 305.38**
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 27.17
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 50.07
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 83.46
TD 10 OHERSA Total				**$ 160.70**
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 71.93
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 68.25
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 178.50
TD 13 OHE	01021.02.013.OHE.04		IC	$ 5.78
TD 13 OHE Total				**$ 324.46**
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 369.60
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 292.60
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 231.00
TD 14 Kenya	01021.02.014.KEN.04		EMP	$ 77.24
TD 14 Kenya	01021.02.014.KEN.04		EMP	$ 184.90
TD 14 Kenya Total				**$ 1,155.35**
TD 16 Georgia GIS	01021.02.016.GIS.04		SUB	$ 135.08
TD 16 Georgia GIS	01021.02.016.GIS.04		SUB	$ 34.93
TD 16 Georgia GIS Total				**$ 170.02**
TD 18 Georgia Genomics	01021.02.018.GGM.04		IC	$ 431.20
TD 18 Georgia Genomics Total				**$ 431.20**
TD 19 Georgia Micro	01021.02.019.GMC.04	(b)(6)	Employee	$ 336.54
TD 19 Georgia Micro Total				**$ 336.54**
Grand Total				**$ 2,883.63**

TD010 DSA

Gmail

(b)(6)

Your Tuesday afternoon trip with Uber

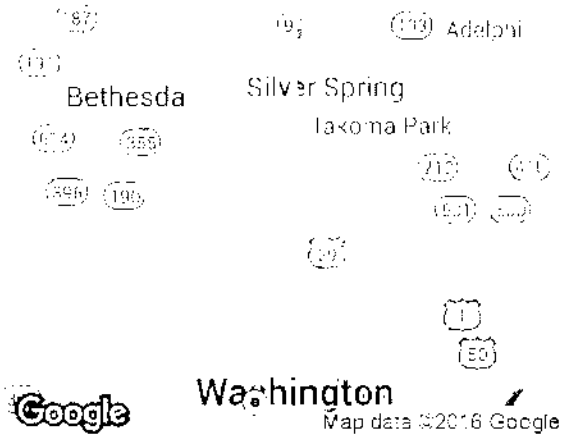
1 message

Uber Receipts <receipts.washington.DC@uber.com> Tue, Feb 2, 2016 at 5:24 PM
To (b)(6)

FEBRUARY 2, 2016

$19.47

Thanks for choosing Uber, Rachel



FARE BREAKDOWN

Base Fare	1.15
Distance	9.70
Time	7.02
Subtotal	**$17.87**
Safe R des Fee (?)	**1.35**
Montgomery County Surcharge (?)	**0.25**

CHARGED
Personal •••• 8902 **$19.47**

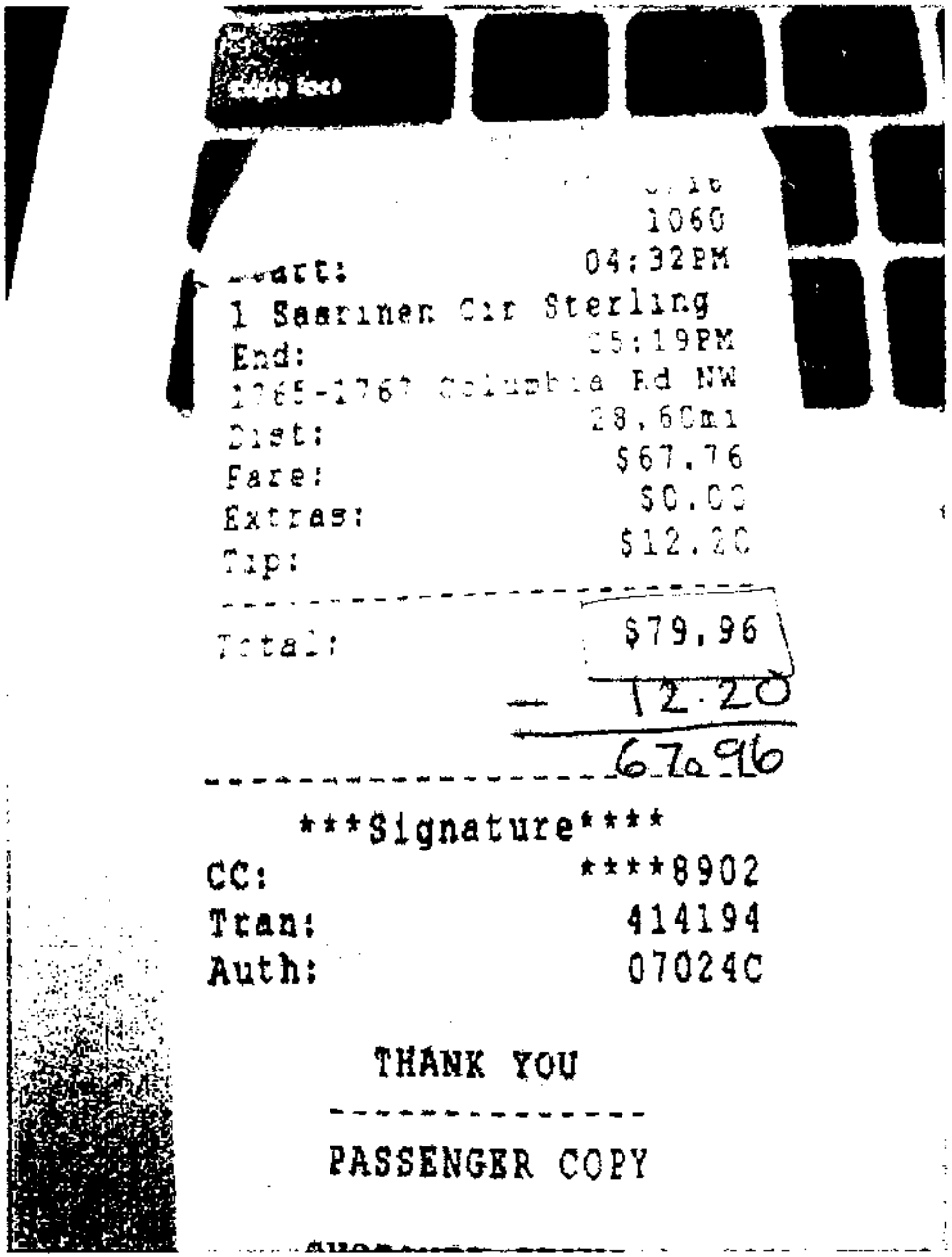
04:42pm
8757 MD-97 Silver Spring MD

05:23pm
2222 I St NW, Washington, DC

CAR	MILES	TRIP TIME
uberX	9.51	00:41:18

(b)(6) You rode with (b)(6)
Issued by Uber on behalf of Rachel

RATE YOUR DRIVER



[redacted]

1060
Start: 04:32PM
1 Saarinen Cir Sterling
End: 05:19PM
1765-1767 Columbia Rd NW
Dist: 28.60mi
Fare: $67.76
Extras: $0.00
Tip: $12.20

Total: $79.96

- 12.20

67.96

Signature*
CC: ****8902
Tran: 414194
Auth: 07024C

THANK YOU

PASSENGER COPY

TD 011 Ukraine TADR Activity Project 4 (TAP-4) - Invoiced to Completion Invoice #729.

TD 012 Ukraine Project 2 (UP-2) -Invoiced to Completion Invoice #725. Transitioned to BTRIC.

TD 013 One Health Epidemiology Training - Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015-02/29/2016

CLIN 1002 – Labor

Program Manger:
Costs incurred during this period for Program Manager (b)(6) include oversight of all day to day project activities in support of One Health Epidemiology training implementation. (b)(6) lead bi-weekly project calls with CDC-Uganda representation in support of both regular communication and implementation of Cohort 10 Module 2 One Health Epidemiology which took place in Fort Portal Uganda on February 2016, and oversaw submission of the Training Trip Report (TTR). (b)(6) additionally lead calls with DTRA CBEP representation in support of regular client communications post implementation Cohort 10 Module 2 training.

Research and Data Analyst:
Represents the time spent by Metabiota Project Coordinat (b)(6) provided coordination support to the PM during the month of February to include: participating in, and taking minutes during all project and client calls; incorporating necessary information updates into the TTR form in support of Cohort 10 Module 2 training. She maintained communication with the Metabiota project team during their in-country efforts and communicated regularly with Metabiota travel coordination and programs operations staff during this time.

Trainer 1:
Metabiota Epidemiologist (b)(6) was engaged during this month to participate in bi-weekly project calls, and to offer insights as necessary regarding preparation for training implementation. (b)(6) also traveled to Fort Portal Uganda to support the implementation of Cohort 10 Module 2 training. During this time (b)(6) provided technical oversight to the implementation of training and was responsible for taking meeting notes and offering his insights during pre and post training meetings.

These hours also represent the time of (b)(6) who traveled to Fort Portal Uganda as a Trainer 1 Epidemiologist in support of Cohort 10 Module 2 training implementation. (b)(6) utilized his technical background and experience to lead pre and post training meetings and to provide oversight to all logistical aspects of training implementation. He served as team lead while in county and provided additional technical support to (b)(6) as necessary. (b)(6) was also responsible for providing technical oversight to the TTR.

Subject Matter Expert 3:

Metabiota Senior Advisor (b)(6) was engaged during this month to participate in bi-weekly project calls, and to offer insights as necessary regarding preparation for training implementation. (b)(6) also traveled to Fort Portal Uganda to support the implementation of Cohort 10 Module 2 training. During this tim (b)(6) provided technical mentorship and oversight to all trainers during training implementation and was responsible for contributing meeting notes and offering his insights during pre and post training meetings.

AFRICOM Foreign Local National 1:
Metabiota Independent Consultant Trainer (b)(6) was engaged during this month regarding training implementation. (b)(6) also traveled to Fort Portal Uganda to support the implementation of Cohort 10 Module 2 training. During this time (b)(6) lead training session and served as the lead trainer during all training sessions. He was responsible for contributing during lessons learned discussions at pre and post training meetings.

CLIN 1003 – Materials and Supplies
No material costs invoiced during this period. Remaining costs incurred will be invoiced in March.

CLIN 1004 - Other Direct Costs
Defense Base Act insurance is procured for all staff working outside of the United States. Metabiota has secured a blanket policy, and costs are reconciled each month and debited against the policy.

CLIN 1005 – Travel
Costs for flights, Airport Transfers, Per Diem, an in-country vehicle rental, and fuel charges were incurred during the month of February and in support of Cohort 10 Module 2 implementation in Fort Portal Uganda. All costs incurred were used to support the movement of Metabiota Project Team members traveling in-country and including (b)(6) nd (b)(6)

Metabiota						
TD 013 One Health Epi						
CLIN 1002 Labor						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

Completed by Program Manager				Completed by Finance
Project Name	**Project Code**	**Name**	**SUB/IC/EMP**	**3.5% to Apply to program**
TD 04 MESA	01021.02.004.MSA.04			$ -
TD 04 MESA Total				$ -
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 91.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 84.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 56.00
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TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 56.00
TD 09 NHLS Total				**$ 305.38**
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 27.17
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 50.07
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 83.46
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TD 13 OHE	01021.02.013.OHE.04		EMP	$ 71.93
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 68.25
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 178.50
TD 13 OHE	01021.02.013.OHE.04		IC	$ 5.78
TD 13 OHE Total				**$ 324.46**
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 369.60
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 292.60
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 231.00
TD 14 Kenya	01021.02.014.KEN.04		EMP	$ 77.24
TD 14 Kenya	01021.02.014.KEN.04		EMP	$ 184.90
TD 14 Kenya Total				**$ 1,155.35**
TD 16 Georgia GIS	01021.02.016.GIS.04		SUB	$ 135.08
TD 16 Georgia GIS	01021.02.016.GIS.04		SUB	$ 34.93
TD 16 Georgia GIS Total				**$ 170.02**
TD 18 Georgia Genomics	01021.02.018.GGM.04		IC	$ 431.20
TD 18 Georgia Genomics Total				**$ 431.20**
TD 19 Georgia Micro	01021.02.019.GMC.04	(b)(6)	Employee	$ 336.54
TD 19 Georgia Micro Total				**$ 336.54**
Grand Total				**$ 2,883.63**

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	8NCUPO
Invoice No.:	74083	**Agent:**	(b)(6)
Issue Date:	Monday, January 11, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	(b)(6)

• If you would like to view your reservation online with Check My Trip: Click Here

• For Aircraft Disinsection Requirements: Click Here

AIR - Friday January 29 2016

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL652)

Check In Confirmation: G7I9WB

Depart:	6:00 PM, Friday, January 29 Dulles Intl Arpt Washington, District of Columbia, USA	**Arrive:**	7:25 AM, Saturday, January 30 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	7 hours 25 minutes	**Seat:**	26J (Non smoking, Window) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Dinner
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)*

AIR - Saturday January 30 2016

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: G7I9WB

Depart:	9:55 AM, Saturday, January 30 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	10:25 PM, Saturday, January 30 Entebbe Intl. Airport Entebbe, Uganda
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Kigali
Duration:	10 hours 30 minutes	**Seat:**	19E (Non smoking) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Breakfast
Remarks:	Not eligible for web check in Only center seating ava at this time		

Weather | Flight Status *(up to 3 days prior)*

AIR - Saturday February 6 2016

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: G7I9WB

Depart:	11:30 PM. Saturday, February 6 Entebbe Intl. Airport Entebbe, Uganda	**Arrive:**	6:00 AM. Sunday, February 7 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 30 minutes	**Seat:**	24A (Non smoking) Confirmed
FF Number:	DL2604823696	**Meal:**	Breakfast
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)*

AIR - Sunday February 7 2016

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation: G7I9WB

Depart:	1:00 PM. Sunday. February 7 Schiphol Airport Amsterdam. Netherlands	**Arrive:**	3:45 PM, Sunday, February 7 Dulles Intl Arpt. Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	26A (Non smoking, Window) Confirmed
FF Number:	DL2604823696	**Meal:**	Lunch
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7796737710		729.00	560.86	1289.86
	Form of Payment	AX XXXXXXXXXXXX1329		
Processing Fee / 890 0659588444		43.00		43.00
	Form of Payment	AX XXXXXXXXXXXX1329		
	Totals:	772.00	560.86	USD 1332.86

Total Charged to Credit Card: USD 1332.86
Balance Due: USD 0.00

2
1

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with Delta Air Lines is G7I9WB. Delta Air Lines contact phone number is 1-800-221-1212. fare $1289.86

• Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per

TM 012 Travel 2

Printable Version

ETICKET RECEIPT IS ATTACHED
******* PLEASE REVIEW YOUR ITINERARY CAREFULLY*******
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	8NCUB5
Invoice No.:	74085	**Agent:**	(b)(6)
Issue Date:	Monday, January 11, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	(b)(6) POTOMAC MD 20854

• If you would like to view your reservation online with Check My Trip: **Click Here**

• For Aircraft Disinsection Requirements **Click Here**

AIR - Friday January 29 2016

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL652)

Check In Confirmation: G7IQY7

Depart:	6:00 PM, Friday, January 29 Dulles Intl Arpt. Washington District of Columbia, USA	**Arrive:**	7:25 AM, Saturday, January 30 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	7 hours 25 minutes	**Seat:**	33D (Non smoking) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Sea Food Meal **On Request**
Remarks:	Not eligible for web check in		

Weather **Flight Status** *(*up to 3 days prior)*

AIR - Saturday January 30 2016

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: G7IQY7

Depart:	9:55 AM, Saturday, January 30 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	10:25 PM, Saturday, January 30 Entebbe Intl. Airport Entebbe, Uganda
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Kigali
Duration:	10 hours 30 minutes	**Seat:**	42D (Non smoking) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Sea Food Meal **On Request**
Remarks:	Not eligible for web check in		

Weather **Flight Status** *(*up to 3 days prior)*

AIR - Saturday February 6 2016

TD 612 [illegible] 3

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: G7IQY7

Depart:	11:30 PM, Saturday, February 6 Entebbe Intl. Airport Entebbe, Uganda	**Arrive:**	6:00 AM, Sunday, February 7 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 30 minutes	**Seat:**	33G (Non smoking) Confirmed
FF Number:	AF1021849414	**Meal:**	Sea Food Meal **On Request**
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)*

AIR - Sunday February 7 2016

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation: G7IQY7

Depart:	1:00 PM, Sunday, February 7 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3:45 PM, Sunday, February 7 Dulles Intl Arpt. Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	27D (Non smoking) Confirmed
FF Number:	AF1021849414	**Meal:**	Sea Food Meal **On Request**
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7796737712		729.00	560.86	1289.86
	Form of Payment: AX XXXXXXXXXXXX1329			
Processing Fee / 890 0659588446		43.00		43.00
	Form of Payment: AX XXXXXXXXXXXX1329			
	Totals:	772.00	560.86	USD 1332.86

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Balance Due: USD 0.00

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- Baggage Fees/Allowances

Important Information

• Your reservation number with Delta Air Lines is G7IQY7. Delta Air Lines contact phone number is 1-800-221-1212. fare $1289.86

• Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding.

Subject: ExecuCar Reservation Confirmation 1441650/1441651
Date: Monday, January 11, 2016 at 4:45:52 PM Eastern Standard Time
From: ExecuCar
To: Valentyna Abdullina

ExecuCar

Confirmation

Dear (b)(6)
Below is a summary of your confirmed service with ExecuCar. This information is for your records. No additional action is necessary.

Departure Itinerary (To the Airport)

Confirmation Number:	1441650
Pickup Date/Time:	Friday, January 29, 2016 2:00 PM
Pickup:	FOIA (b)(6)
Airport:	IAD - WASHINGTON DC DULLES AIRPORT
Airline:	DELTA AIR LINES
Flight #:	DL9385 - International
Passengers:	1
Service Type:	EXECUCAR HYBRID PRIUS - (UP TO 4 PASSENGERS)
Fare:	$89.10
Tip:	$0.00
Airport Entry Fee:	$4.00
Total:	**$93.10**

Arrival Itinerary (From the airport)

Confirmation Number:	1441651
Pickup Date/Time:	Sunday, February 07, 2016 3:45 PM
Airport:	IAD - WASHINGTON DC DULLES AIRPORT
Airline:	DELTA AIR LINES
Flight #:	DL9384
Drop Off:	FOIA (b)(6)

	FOIA (b)(6)
Passengers:	1
Service Type:	EXECUCAR HYBRID PRIUS - MEET AND GREET (UP TO 4 PASSENGERS)
Fare:	$98.10
Tip:	$0.00
Airport Entry Fee:	$4.00
Total:	**$102.10**

Special Instructions

FOR YOUR AIRPORT COLLECTION (MEET & GREET): YOU WILL RECEIVE A TEXT WITH YOUR DRIVER'S CELL NUMBER WHEN YOU TURN ON YOUR PHONE. YOUR DRIVER WILL BE WAITING FOR YOU IN THE BAGGAGE CLAIM AREA WHERE YOUR FLIGHT IS POSTED, HOLDING A TABLET WITH YOUR NAME ON IT AND WILL ASSIST YOU WITH YOUR LUGGAGE. IF YOU CANNOT FIND YOUR DRIVER, PLEASE CALL HIS/HER NUMBER OR OUR DISPATCH TEAM AT 1-800-410-4444

Billing

Payment Method:	PREPAID CREDIT CARD
Card type:	AMEX
Card number:	(b)(4); (b)(6)
Roundtrip total fare:	**$195.20**

Thank you for using ExecuCar!

We value your safety. Please wear your seatbelt during your ride with us.

To cancel your reservation, click [here].

To review our change / cancellation policies, click [here].

Contact I Terms I Privacy

TM 013 Travel SR

Subject: ExecuCar Reservation Confirmation 1441568/1441569
Date: Monday, January 11, 2016 at 4:41:00 PM Eastern Standard Time
From: ExecuCar
To: FOIA (b)(6)

ExecuCar

Confirmation

Dear (b)(6)
Below is a summary of your confirmed service with ExecuCar. This information is for your records. No additional action is necessary.

Departure Itinerary (To the Airport)

Confirmation Number:	1441568
Pickup Date/Time:	Friday, January 29, 2016 2:00 PM
Pickup:	FOIA (b)(6)
Airport:	IAD - WASHINGTON DC DULLES AIRPORT
Airline:	DELTA AIR LINES
Flight #:	DL9385 - International
Passengers:	1
Service Type:	EXECUCAR HYBRID PRIUS - (UP TO 4 PASSENGERS)
Fare:	$80.10
Tip:	$0.00
Airport Entry Fee:	$4.00
Total:	**$84.10**

Arrival itinerary (From the airport)

Confirmation Number:	1441569
Pickup Date/Time:	Sunday, February 07, 2016 3:45 PM
Airport:	IAD - WASHINGTON DC DULLES AIRPORT
Airline:	DELTA AIR LINES
Flight #:	DL9384
Drop Off:	FOIA (b)(6)

TD 017 Printed 6

	FOIA (b)(6)
Passengers:	1
Service Type:	EXECUCAR HYBRID PRIUS - MEET AND GREET (UP TO 4 PASSENGERS)
Fare:	$89.10
Tip:	$0.00
Airport Entry Fee:	$4.00
Total:	**$93.10**

Special Instructions

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Billing

Payment Method:	PREPAID CREDIT CARD
Card type:	AMEX
Card number:	(b)(4); (b)(6)
Roundtrip total fare:	**$177.20**

Thank you for using ExecuCar!

We value your safety. Please wear your seatbelt during your ride with us.

To cancel your reservation, click [here].

To review our change / cancellation policies, click [here].

Contact I Terms I Privacy

6A

CVS/pharmacy

(b)(6)

TOTAL 10 00

(b)(4); (b)(6)

CHANGE 00

AMERICAN EXPRESS (b)(4); (b)(6)
PROCESSING ERROR
REF# 131919
AID A0000000250101

AMERICAN EXPRESS (b)(4); (b)(6)
PROCESSING ERROR
REF# 131919
AID: A0000000250101

AMERICAN EXPRESS (b)(4); (b)(6)
PROCESSING ERROR
REF# 131919
AID A0000000250101

2501 3386 0185 1911 31
RETURNS WITH RECEIPT THRU 03/18/2016

JANUARY 18, 2016 11 23 AM

FLEXIBLE SPENDING ACCT SUMMARY (FSA)
Prescription Eligible Total 10 00

above includes items
that may be eligible for plan
Restrictions may apply.

CVS EXTRACARE CARD

24 HOURS AT CVS.COM

TD 014 Grant Writing Mentorship and Workshop – Kenya

Objectives

The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 07/02/15-04-30-16

CLIN 1002 – Labor

Program Manager:

Costs were incurred during this period to support time spent by Metabiota Program Manager (b)(6) (b)(6) oversaw all day to day project activities in support of Kenya Writing Workshop Implementation (b)(6) ead bi-weekly project calls with Kenyan Partner (b)(6) and DTRA CBEP representation. He communicated regularly with DTRA CBEP representation in support of implementation and coordination through the CLS mechanism. (b)(6) emained engaged with DTRA CBEP representation and all traveling members of the Metabiota project team throughout the implementation of the writing worksho (b)(6) dditionally provided oversight to follow up activities including reporting and manuscript coordination by project SMEs.

Subject matter 1:

Represents the time spent by Metabiota Project Manager (b)(6) in her role as project coordinator during this period. (b)(6) as responsible for attending, recording and offering technical insight during bi-weekly project stakeholder and client calls (b)(6) also provided extensive support to the PM during the development of an in-country agenda with Kenyan Stakeholder (b)(6) , and worked to backstop stakeholder communication with DTRA CBEP during the pre-implementation process.

Additionally, (b)(6) aveled to Naivasha, Kenya to support the implementation and execution of the in-country writing workshop (b)(6) supported the efforts of Metabiota Independent Consultant SMEs and AEP Deputy Director (b)(6) during all aspects of the training by recording observations and contributing daily reports to DTRA CBEP representation. She was responsible for the general coordination and scheduling during the meeting and for supporting the PM on follow up activities associated with this effort.

Metabiota Senior Adviso (b)(6) Who was tasked to support this effort by evaluation and communication of complex information in French. (b)(6) translated, expanded, and eventually communicated information to a Congolese researcher requiring clarification and manuscript improvement in his native language. (b)(6) did not travel to Kenya, but did provide remote support during the workshop.

Metabiota Staff Scienti (b)(6) was tasked to provide SME support to three researchers with work associated with her technical capabilities (b)(6) id not travel to Kenya, but did provide remote support prior to, during, and before the writing workshop.

Metabiota Independent Consultant SME (b)(6) is a Kenyan national who provided support prior to the writing workshop by reviewing comprehensively all research manuscripts assigned to him. He was also responsible for working with Metabiota program management and coordination staff on agenda development and researcher outreach. During the workshop, (b)(6) (b)(6) served as the lead SME and attended all components of the workshop, lead many of the lecture sessions and worked directly with his assigned researchers. After the workshop, but still during the month of February (b)(6) maintained his role as mentor to his assigned researchers and communicated regularly with Metabiota project management and coordination staff.

Metabiota Independent Consultant SME (b)(6) is a Kenyan national who provided support prior to the writing workshop by reviewing comprehensively all research manuscripts assigned to him. During the workshop, (b)(6) attended all components of the workshop, lead many of the lecture sessions and worked directly with his assigned researchers. After the workshop, but still during the month of February (b)(6) maintained his role as mentor to his assigned researchers and communicated regularly with Metabiota project management and coordination staff.

Metabiota Independent Consultant SME (b)(6) is a Kenyan national who provided support prior to the writing workshop by reviewing comprehensively all research manuscripts assigned to him. During the workshop, (b)(6) attended all components of the workshop, lead many of the lecture sessions and worked directly with his assigned researchers. After the workshop, but still during the month of February (b)(6) maintained his role as mentor to his assigned researchers and communicated regularly with Metabiota project management and coordination staff.

CLIN 1003 – Materials and Supplies

Project Coordinato (b)(6) nd AEP Deputy Directo (b)(6) raveled to the workshop from outside of Kenya and purchased a shared SIM card to support cellular communication needs in country with local points of contact and SMEs. Wireless data was also purchased to support continued communication with DTRA CBEP representation and Metabiota US based staff. Material costs were also incurred to support printing needs for researchers during the workshop including but limited to printing of research reference articles and workshop agenda summary sheets.

CLIN 1004 - Other Direct Costs

Defense Base Act insurance is procured for all staff working outside of the United States. Metabiota has secured a blanket policy, and costs are reconciled each month and debited against the policy.

CLIN 1005 – Travel

The Metabiota project team traveling to Naivasha, Kenya included (b)(6) (b)(6) and (b)(6) ime worked in country is supported under CLIN 1001 PMO, only his travel and materials are being invoiced. Flights were procured to support the travel of (b)(6) from the US to Nairobi. A flight was procured to support the travel of (b)(6) from his home in Kisumu, Kenya to Nairobi, and airport transfers were provided to all requiring them. Ground transport from Nairobi, Kenya to Naivasha Kenya was provided to all. Hotel accommodation was provided to all traveling members of the project team in Naivasha during the workshop, and hotel accommodation was provided to (b)(6) in Nairobi during transit. Per Diem was provided to all traveling members of the project team as appropriate and with respect to regional GSA rate.

Metabiota						
TD 014 Kenya Grants						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Print Close

airtel

Airtel Networks Kenya Ltd.
Parkside Tower Mombasa Road
P.O.Box 73146-00200 NBO Nairobi Kenya
Phone:6910000 FAX:6911114
VAT Reg No:0114746Q PIN No:P051131780Q
RETAIL INVOICE

Order/Receipt Detail

Number:	412451186781	Id:	2451186781	Date:	13/02/2016	Type:	POS_ORD

Customer Detail

Name:	Phone:	Address:

Invoice Detail

Number:	8124520000143519	Id:	24520000143519

Item Name	Quantity	Unit Price	Unit Discount	Total Tax	Total Price	Item Numbers
Huawei Modem E3531	1	2240.51	0.0	358.48	2598.99	867010024913924 - 867010024913924
Sub Total:	2240.51	Total Discount:	0.0	Total Tax:	358.48	Grand Total: 2598.99

SERVED BY: (b)(6)

Thank you for your visit
Airtel, Feel Free

$30.00

TD 014 materials · 1

P O BOX 75332-00200 Moi South Lake Road, Naivasha Kenya | Tel +254 51 2130000 | Fax
Email sales@enashipai.com Web www.enashipai.com

PIN NO: P051046941I

Techtrans

Date	: 13/02/2016
Reciept No	: 14556
Confirmation No	: 0
Account	: 9406
Cashier	: 63 / (b)(6)

PAYMENT RECEIPT

Date	Description	Paid Amount
13/02/2016	Equity V'sa printing *Exchange Rate (1 =1 KES)*	6 425 00

ENASHIPAI RESORT & SPA
13 FEB 2016
Tel: +254 51213000

(b)(6)

Guest Signature

Cashier Signature

P O BOX 75332-00200 Moi South Lake Road, Naivasha Kenya | Tel: +254 51 2120000 | Fax
Email: sales@enashipai.com Website: www.enashipai.com

PIN NO: P051164694H

Techtrans

Date	: 13/02/2016
Invoice No	:
Account	: 9408
Arrival	: 07/02/2016
Departure	: 13/02/2016
Adults/Children	:
Voucher	:
C/O Time	:
Cashier / No	(b)(6)

A/R Number:

INFORMATION COPY ONLY

Date	Description		Debit KES	Credit KES
08/02/2016	Business Centre Photocopy *photocopy*	*Campbell, Rachel, 560*	29,750.00	
08/02/2016	Business Centre Printing *printing*	*Campbell, Rachel, 560*	1,250.00	
08/02/2016	Business Centre Printing *printing of documents,Double sided black and white*	*Campbell, Rachel, 560*	2,600.00	
09/02/2016	Business Centre Printing *Coloured copies*	*Campbell, Rachel, 560*	1,400.00	
09/02/2016	Business Centre Printing *Business printings - Double sided coloured copies*	*Campbell, Rachel, 560*	5,600.00	
09/02/2016	Business Centre Printing *Business printings - Black copies*	*Campbell, Rachel, 560*	425.00	
09/02/2016	Business Centre Printing *Business printings*	*Campbell, Rachel, 560*	500.00	
10/02/2016	Business Centre Printing *Business printings coloured double sided*	*Campbell, Rachel, 560*	21,000.00	
10/02/2016	Business Centre Printing *Business printing coloured copies*	*Campbell, Rachel, 560*	1,400.00	
10/02/2016	Business Centre Misc. *3power cables @ 3000,*	*Campbell, Rachel, 560*	9,000.00	
12/02/2016	Business Centre Printing *Black and white copies*	*Campbell, Rachel, 560*	500.00	
12/02/2016	Business Centre Printing *Double sided black and white*	*Campbell, Rachel, 560*	2,000.00	
12/02/2016	Business Centre Printing *Printing on board paper @ shs 100*	*Campbell, Rachel, 560*	1,900.00	
12/02/2016	Business Centre Printing *Coloured copies*	*Campbell, Rachel, 560*	700.00	
12/02/2016	Business Centre Printing *Double sided coloured copies*	*Campbell, Rachel, 560*	8,400.00	
		Total:	86,425.00	

Balance Due: 86,425.00 KES

Tax Breakdown KES

V.A.T	:	11,718.62
Service Charge	:	0.00
Catering Levy	:	1,464.79

I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company or associations fails to pay for any part or the full amount of these charges

Guest Signature: _____

Completed by Program Manager				Completed by Finance
Project Name	**Project Code**	**Name**	**SUB/IC/EMP**	**to Apply to program**
TD 04 MESA	01021.02.004.MSA.04			$ -
TD 04 MESA Total				$ -
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 91.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 84.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 56.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 11.38
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 7.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 56.00
TD 09 NHLS Total				**$ 305.38**
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 27.17
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 50.07
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 83.46
TD 10 OHERSA Total				**$ 160.70**
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 71.93
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 68.25
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 178.50
TD 13 OHE	01021.02.013.OHE.04		IC	$ 5.78
TD 13 OHE Total				**$ 324.46**
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 369.60
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 292.60
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 231.00
TD 14 Kenya	01021.02.014.KEN.04		EMP	$ 77.24
TD 14 Kenya	01021.02.014.KEN.04		EMP	$ 184.90
TD 14 Kenya Total				**$ 1,155.35**
TD 16 Georgia GIS	01021.02.016.GIS.04		SUB	$ 135.08
TD 16 Georgia GIS	01021.02.016.GIS.04		SUB	$ 34.93
TD 16 Georgia GIS Total				**$ 170.02**
TD 18 Georgia Genomics	01021.02.018.GGM.04		IC	$ 431.20
TD 18 Georgia Genomics Total				**$ 431.20**
TD 19 Georgia Micro	01021.02.019.GMC.04		Employee	$ 336.54
TD 19 Georgia Micro Total				**$ 336.54**
Grand Total				**$ 2,883.63**

FOIA (b)(4)

(b)(6)

FOIA

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY*******
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YOTSTF
Invoice No.:	74645	**Agent:**	(b)(6)
Issue Date:	Wednesday, January 27, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	FOIA (b)(6)

• If you would like to view your reservation online with Check My Trip Click Here

• For Aircraft Disinsection Requirements: Click Here

AIR - Friday February 5 2016

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL652)

Check In Confirmation: GT4GHH

Depart:	6:00 PM, Friday, February 5 Dulles Intl Arpt. Washington, District of Columbia, USA	**Arrive:**	7:25 AM, Saturday, February 6 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	X (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	7 hours 25 minutes	**Seat:**	25D (Non smoking) Confirmed
Meal:	Dinner		
Remarks:	Not eligible for web check in		

Weather **Flight Status** *(up to 3 days prior)*

AIR - Saturday February 6 2016

Delta Air Lines Flight DL9585 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL565)

Check In Confirmation: GT4GHH

Depart:	10:10 AM, Saturday, February 6 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	8:15 PM, Saturday, February 6 Jomo Kenyatta Intl Arpt. Terminal 1C Nairobi, Kenya
Status:	Confirmed		
Booking Code:	X (Economy)		
Equipment:	Boeing 747	**Stops:**	Non-stop
Duration:	8 hours 5 minutes	**Seat:**	68G (Non smoking) Confirmed
Meal:	Breakfast		
Remarks:	Not eligible for web check in		

Weather **Flight Status** *(up to 3 days prior)*

TDoiu Travel

AIR - Monday February 15 2016

Delta Air Lines Flight DL9496 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL566)

Check In Confirmation:
GT4GHH

Depart:	10:30 PM, Monday, February 15 Jomo Kenyatta Intl Arpt. Terminal 1C Nairobi, Kenya	**Arrive:**	5:00 AM, Tuesday, February 16 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	X (Economy)		
Equipment:	Boeing 747	**Stops:**	Non-stop
Duration:	8 hours 30 minutes	**Seat:**	66G (Non smoking) Confirmed
Meal:	Breakfast		
Remarks:	Not eligible for web check in		

•Weather •Flight Status *(up to 3 days prior)*

AIR - Tuesday February 16 2016

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation:
GT4GHH

Depart:	1:00 PM, Tuesday, February 16 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3:45 PM, Tuesday, February 16 Dulles Intl Arpt. Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	X (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	33H (Non smoking) Confirmed
Meal:	Lunch		
Remarks:	Not eligible for web check in		

•Weather •Flight Status *(up to 3 days prior)* •Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7799143631		257.00	543.62	800.62
	Form of Payment: AX XXXXXXXXXXXX1253			
Processing Fee / 890 0659705442		43.00		43.00
	Form of Payment: AX XXXXXXXXXXXX1253			
	Totals:	300.00	543.62	USD 843.62

Total Charged to Credit Card: USD 843.62
Balance Due: USD 0.00

1
2

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with Delta Air Lines is GT4GHH. Delta Air Lines contact phone number is 1-800-221-1212.

2

Gmail

(b)(6)

Your Thursday morning trip with Uber

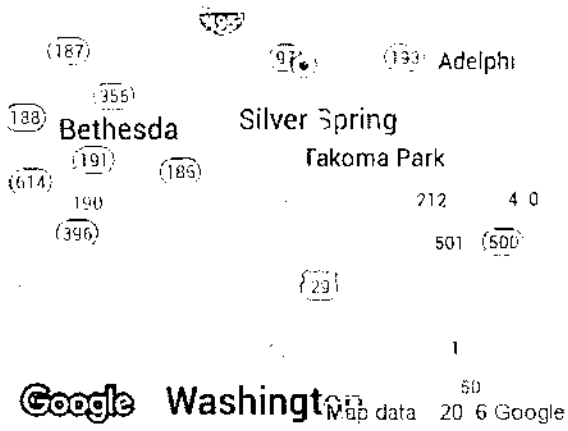
1 message

Uber Receipts <receipts.washington.DC@uber.com> Thu, Feb 4, 2016 at 9:36 AM
To: (b)(6)

FEBRUARY 4, 2016

$12.15

Thanks for choosing Uber. FOIA (b)(6)



FARE BREAKDOWN

Trip fare	12.15
Subtotal	**$12.15**

CHARGED
Persona (b)(4); (b)(6) **$12.15**

You saved $10.12 by riding uberPOOL

share your savings

09:15am
1774 Columbia Rd NW,
Washington DC

09:35am
FOIA (b)(6)

CAR	MILES	TRIP TIME
POOL	5.59	00:20:01

(b)(6) You rode with (b)(6)

RATE YOUR DRIVER

TDOH Travel 3

$94.37

Thanks for choosing Uber, FOIA (b)(6)

02:49pm
FOIA (b)(6)

03:52pm
Terminal Sterling VA

CAR	MILES	TRIP TIME
uberX	23.90	01:03:24

You accepted 2.4x surge at 2 45pm
by typing it on this screen

MY FARE WILL BE

2 . 4

TIMES THE NORMAL FARE

FARE BREAKDOWN

Base Fare	1 15
Distance	24.38
Time	10.78
Normal Fare	**$36.31**
Surge x2.4	50.83

2.4x surge was confirmed at 2 45pm

Subtotal	**$87.14**
Dulles Toll Road Toll (?)	**1.00**
Safe Rides Fee (?)	**1.35**
DC Taxicab Commission Fee (?)	**0.88**
IAD Airport Surcharge (?)	**4.00**

CHARGED
Personal •••• 8902 **$94.37**

(b)(6)

You rode with (b)(6)
Issued by D[illegible] on behalf of Rasier

RATE YOUR DRIVER

Uber Support

Contact us with questions about your trip
Leave something behind? Track it down

Give $15, Get $15

Share code: yhmlr

TD 014 Travel 41

Recipt Date	KS listed	Rate	USD Paid
6-Feb	4000	0.01	40
7-Feb	10000	0.01	100
13-Feb	10000	0.01	100
13-Feb	7000	0.01	70
14-Feb	3000	0.01	30
14-Feb	6000	0.01	60
15-Feb	4000	0.01	40
15-Feb	3000	0.01	30
	47000	0.01	470

TAXI & CAB SERVICES Receipt

M/s (b)(6) No. 25467

Date 15/2/16

Driver's Name (b)(6) Mobile No.

CAR REG NO.	PARTICULARS	CHARGES
KBW 128Q	From Kemptonky To JKIA Return - Waiting Time -	3000/=

Cash in words Three Thousand Shillings Only TOTAL 3000/=

Driver's Sign: (b)(6)

Thank you for travelling with us.

TAXI & CAB SERVICES Receipt

M/s (b)(6) No. 25460

Date 13/2/16

Driver's Name: (b)(6) Mobile No. 0722465840

CAR REG NO.	PARTICULARS	CHARGES
KBW 128Q	From KWASHPAI To KEMPINSKY Return Waiting Time	19000/=

Cash in words Ten Thousand Shillings Only TOTAL 19000/=

Driver's Sign: (b)(6)

Thank you for travelling with us.

TAXI & CAB SERVICES Receipt 25466

TAXI & CAB SERVI

TAXI & CAB SERVICES Receipt

25466

TAXI & CAB SERVICES Receipt

TAXI & CAB SERVIC

TAXI & CAB SERVICES Receipt

M/s (b)(6) No. 25467

Date 15/2/16

Driver's Nam (b)(6) Mobile No.

CAR REG NO.	PARTICULARS	CHARGES
KBW 128 Q	From Kempinsky To JKIA Return - Waiting Time -	3000/-

Cash in words Three Thousand Shillings Only TOTAL 3000/-

Driver's Sign: (b)(6)

Thank you for travelling with us.

TAXI & CAB SERVICES Receipt

M/s RACHEL No. 25460

Date 13/2/16

Driver's Name: (b)(6) Mobile No. 0722460540

CAR REG NO.	PARTICULARS	CHARGES
KBW 128 Q	From ENASHPAI To KEMPINSKY Return Waiting Time	10000/-

Cash in words Ten Thousand Shillings Only TOTAL 10000/-

Driver's Sign: (b)(6)

Thank you for travelling with us.

TAXI & CAB SERVICES Receipt

M/s Rachel

No. 25453

TAXI & CAB SERVICES Receipt

M/s (b)(6) No. 25464

Date 14/2/16

Driver's Name: (b)(6) Mobile No. 2722465

CAR REG NO.	PARTICULARS	CHARGES
KBW 1289	From Funday (Nairobi Meeting)	6000/-
	To –	
	Return –	
	Waiting Time	

Cash in words Six Thousand Shillings Only TOTAL 6000/-

Driver's Sign: (b)(6)

Thank you for travelling with us.

TAXI & CAB SERVICES Receipt

M/s Rachel No. 25463

Date 17/2/16

Driver's Name: (b)(6) Mobile No. 2722465

CAR REG NO.	PARTICULARS	CHARGES
KBW 1289	From Meeting with	2500/-
	To GIS	
	Return ✓	2500/-
	Waiting Time 4 Hrs @500/-	2000/-

Cash in words Seven Thousand Shillings Only TOTAL 7000/-

Driver's Sign: (b)(6)

Thank you for travelling with us.

TAXI & CAB SERVICES

Receipt

M/s (9)(6) No. 25453

Date 6/2/16

Driver's Name: (9)(6) Mobile No. 0722465xx

CAR REG NO.	PARTICULARS	CHARGES
KBW 1282	From JKIA	3000/-
	To KEMPINSKY	
	Return -	
	Waiting Time 2hrs	1000/-
	TOTAL	4000/-

Cash in words Four Thousand Shillings Only

Driver's Sign: (9)(6)

Thank you for travelling with us

TAXI & CAB SERVICES Receipt

M/s (b)(6) No. 25466

Date 14/2/16

Driver's Name: (b)(6) Mobile No. 0722 460540

CAR REG NO.	PARTICULARS	CHARGES
KBW 128Q	From KEMPINSKY To JKIA Return Waiting Time	3300

Cash in words Three Thousand Shillings Only TOTAL 3300/=

Driver's Sign: (b)(6)

Thank you for travelling with us.

TAXI & CAB SERVICES Receipt

M/s (b)(6) No. 25459

Date 7/2/16

Driver's Name: (b)(6) Mobile No. 0722 460540

CAR REG NO.	PARTICULARS	CHARGES
KBW 128Q	From KEMPINSKY To EMBASSY (Nairobi) Return Waiting Time	18900

Cash in words One Thousand Nine Hundred Shillings Only TOTAL 18900/=

Driver's Sign: (b)(6)

Thank you for travelling with us.

ID 014 Trial 6F

Rx: 1162315 00

DIARRHEA RESOLVES

0 Qty:10 EA

PAY: $5.06 Caps Y

EXPRESS SCRIPTS

PROMISED: 10:09
02.04.2016
Scripts: 0

CUSTOMER RECEIPT

Date 02/04/2016 DAW 0

Rx: 1162316 00

0 Qty:20 EA

PAY: $10.00 Caps: Y

TD014 Trial 6

TD 015 Health Informatics Support Services Vietnam - Invoiced to completion on Invoice #239

TD 016 Georgia GIS

Objectives

Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

Costs incurred during this period were for (b)(6) to continue project management activities on this project (b)(6) communicated with DTRA and A&AS to discuss the current status of the project. He led communications with the University of Florida (UF) subject matter expertise team via email and teleconference.

Subject Matter Expert 1:

Costs incurred during this period were for (b)(6) to conduct project coordination activities (b)(6) participated in teleconferences with the UF team.

Subject Matter Expert 2:

Costs incurred for this category from October 1, 2015 – February 29, 2016 have not yet been invoiced in an effort to provide education and guidance on proper DOD and DCAA reporting requirements to the performing subcontractor.

Research and Data Analyst:

Costs incurred for this category from October 1, 2015 – February 29, 2016 have not yet been invoiced in an effort to provide education and guidance on proper DOD and DCAA reporting requirements to the performing subcontractor.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs

Defense Base Act insurance is procured for all staff working outside of the United States. Metabiota has secured a blanket policy, and costs are reconciled each month and debited against the policy.

CLIN 1005 – Travel

No travel related costs are being invoiced during this period.

Metabiota						
TD 016 Georgia GIS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Program Manager				Completed by Finance
		FOIA (b)(4)		
Project Name	**Project Code**	**Name**	**SUB/IC/EMP**	**to Apply to program**
TD 04 MESA	01021.02.004.MSA.04			$ -
TD 04 MESA Total				$
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 91.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 84.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 56.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 11.38
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 7.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 56.00
TD 09 NHLS Total				**$ 305.38**
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 27.17
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 50.07
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 83.46
TD 10 OHERSA Total				**$ 160.70**
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 71.93
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 68.25
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 178.50
TD 13 OHE	01021.02.013.OHE.04		IC	$ 5.78
TD 13 OHE Total				**$ 324.46**
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 369.60
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 292.60
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 231.00
TD 14 Kenya	01021.02.014.KEN.04		EMP	$ 77.24
TD 14 Kenya	01021.02.014.KEN.04		EMP	$ 184.90
TD 14 Kenya Total				**$ 1,155.35**
TD 16 Georgia GIS	01021.02.016.GIS.04		SUB	$ 135.08
TD 16 Georgia GIS	01021.02.016.GIS.04		SUB	$ 34.93
TD 16 Georgia GIS Total				**$ 170.02**
TD 18 Georgia Genomics	01021.02.018.GGM.04		IC	$ 431.20
TD 18 Georgia Genomics Total				**$ 431.20**
TD 19 Georgia Micro	01021.02.019.GMC.04	(b)(6)	Employee	$ 336.54
TD 19 Georgia Micro Total				**$ 336.54**
Grand Total				**$ 2,883.63**

PO 016 OSA 1

TD 017 Georgia SME Grantsmanship

Objectives

Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

Costs incurred during this period were f[(b)(6)] to continue project management activities on this project[(b)(6)] communicated with DTRA and A&AS to discuss the current status of the project. He led communications with the Avila subject matter expertise team via email and teleconference.

Subject Matter Expert 1:

Costs incurred during this period were for[(b)(6)] to conduct project coordination activities.[(b)(6)] participated in teleconferences with the Avila team and prepared drafts of CCR and CLS forms for April travel.

Subject Matter Expert 2:

Costs incurred during this period were for[(b)(6)] to conduct Grantsmanship activities and related administrative activities.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period. as Avila staff are covered under their own DBA insurance policy.

CLIN 1005 – Travel

Costs incurred during this period represent the balance of travel costs incurred during the 29 January – 7 February trip to Tbilisi to mentor LMA staff.

Metabiota						
TD 017 Georgia SME						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(6)						

AVILA
SCIENTIFIC

EXPENSE REPORT

Name (b)(6)

Employee ID 15012

Expense Report # 1602C06

WBS# [redacted]

GSA Mileage $0.54 per mile

Country Name	Primary Destination	County	Season End	Maximum Lodging Rate	M & IE Rate	Maximum Per Diem Rate
GEORGIA	Tbilisi		31-Dec-16	$ 110.00	$ 105.00	$ 441.00

AMOUNT DUE $ 3,111.12

TRIP	TRAVELLER	TOTAL	START DATE	END DATE	DEFAULT LOCATION	DESCRIPTION
Grantsmanship Georgia	FOIA (b)(6)	$ 3,111.12	29-Jan-16	5-Feb-16	Tbilisi, Georgia	Mentorship training at LMA

PROJECT	WBS	PERCENTAGE	Charge
Metabiota	Travel	100.0%	$ 3,111.12

TOTAL $ 3,111.12

Date	Travel Item	Cost	Payment Type	Description
29-Jan-16	M&E	78.75	CASH	M&E Tbilisi (75% first day of travel)
30-Jan-16	Transport	30.97	AMEX	Taxi from Tbilisi to Kutaisi (Mentorship) Cash: 60 GEL = AT
30-Jan-16	M&E	105.00	CASH	M&E Tbilisi
30-Jan-16	Hotel	238.18	AMEX	Hotel (AMEX XRATE $1 = 2.46990553 GEL)
30-Jan-16	Hotel Tax	42.51	AMEX	Hotel VAT (18%)
31-Jan-16	M&E	105.00	CASH	M&E Tbilisi
31-Jan-16	Hotel	238.18	AMEX	Hotel (AMEX XRATE $1 = 2.46990553 GEL)
31-Jan-16	Hotel Tax	42.51	AMEX	Hotel VAT (18%)
1-Feb-16	M&E	105.00	CASH	M&E Tbilisi
1-Feb-16	Hotel	238.18	AMEX	Hotel (AMEX XRATE $1 = 2.46990553 GEL)
1-Feb-16	Hotel Tax	42.51	AMEX	Hotel VAT (18%)
2-Feb-16	M&E	105.00	CASH	M&E Tbilisi
2-Feb-16	Hotel	238.18	AMEX	Hotel (AMEX XRATE $1 = 2.46990553 GEL)
2-Feb-16	Hotel Tax	42.48	AMEX	Hotel VAT (18%)
3-Feb-16	M&E	105.00	CASH	M&E Tbilisi
3-Feb-16	Hotel	236.61	AMEX	Hotel (AMEX XRATE $1 = 2.46990553 GEL)
3-Feb-16	Hotel Tax	42.59	AMEX	Hotel VAT (18%)
4-Feb-16	M&E	105.00	CASH	M&E Tbilisi
4-Feb-16	Hotel	238.29	AMEX	Hotel (AMEX XRATE $1 = 2.46990553 GEL)
4-Feb-16	Hotel Tax	42.89	AMEX	Hotel VAT (18%)
5-Feb-16	M&E	105.00	CASH	M&E Tbilisi
5-Feb-16	Hotel	236.32	AMEX	Hotel (AMEX XRATE $1 = 2.46990553 GEL)
5-Feb-16	Hotel Tax	42.52	AMEX	Hotel VAT (18%)
5-Feb-16	M&E	78.75	CASH	M&E Tbilisi (75% last day of travel)
5-Feb-16	Transport	202.04	CASH	Parking (GEL 75/1= 02/05/16
5-Feb-16	Other	5.00	CASH	Foreign Airport tax
5-Feb-16	Transport	25.00	CASH	Taxi from ADA to Blacksburg

Amount Due to Employee $ 3,111.12

M+E = 892.5

Hotel = 1,950.83

Ground Transport = 267.79

TD017 Travel 1A

(b)(6)

United States

INFORMATION INVOICE

Date : 06-02-16

Folio No. :

Guest Nam (b)(6)

Room No.	:	532
Arrival	:	30-01-16
Departure	:	06-02-16
Page No.	:	1 of 2
Cashier No.	:	43
Conf No.	:	93514164
MRW No.	:	XXXXX7919

Date	Text		Charges GEL	Credits GEL
30-01-16	Taxi Manual Pick up		63.56	
30-01-16	VAT 18%		11.44	
30-01-16	Accomodation, bin	236 USD / .404547109511=583.36839	583.37	
30-01-16	VAT 18%		105.01	
31-01-16	Accomodation, bin	236 USD / .404547109511=583.36839	583.37	
31-01-16	VAT 18%		105.01	
01-02-16	Accomodation, bin	236 USD / .404547109511=583.36839	583.37	
01 02 16	VAT 18%		105.01	
02-02-16	Accomodation, bin	236 USD / .404825520201=582.96719	582.97	
02-02-16	VAT 18%		104.93	
03-02-16	Accomodation, bin	236 USD / .40382829221=584.406800	584.41	
03-02-16	VAT 18%		105.19	
04-02-16	Accomodation, bin	236 USD / .400978387265=588.56039	588.56	
04-02-16	VAT 18%		105.94	
05-02-16	Accomodation, bin	236 USD / .400833734167=588.77280	588.77	
05-02-16	VAT 18%		105.98	
05-02-16	Manual - American Express (b)(4); (b)(6)			4,906.89

AMEX Charge: $1,986.60
$1 2.469978858 GEL

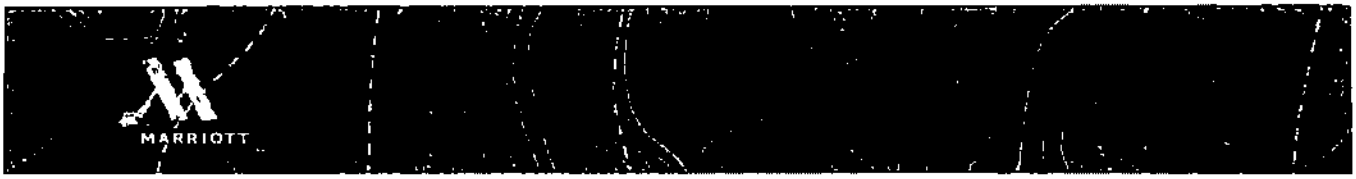
I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company or association fails to pay for the part or full amount of these charges.
ეს ქალაქის მიმდინარე ფასი ბანკის ბარათით ანგარიშის გადახდას და პირადად ვიღებ პასუხისმგებლობას იმ შემთხვევაში, თუ ინდივიდუალური/კომპანია არ ასრულებს გადახდის დანაწესებს.

TBILISI MARRIOTT HOTEL
13 RUSTAVELI AVENUE
0108 TBILISI, GEORGIA
T: 995 32 2779210
F: 995 32 2779210

Guest's signature/სტუმრის ხელმოწერა

TD 017 Travel 1B

MARRIOTT



(b)(6)

United States

INFORMATION INVOICE

Date : 06-02-16

Folio No. :

Guest Nam (b)(6)

Room No.	532
Arrival	30-01-16
Departure	06-02-16
Page No.	2 of 2
Cashier No.	43
Conf No.	93514164
MRW No.	XXXXX7919

Date	Text	Charges GEL	Credits GEL
	Total:	4,906.89	4,906.89

Balance	0.00	**GEL**
Total incl. VAT	**4,906.89**	**GEL**
Total excl. VAT	**4,158.38**	**GEL**
VAT 18%	**748.51**	**GEL**

The mentioned total in USD is based on today's currency exchange rate to GEL: 0.4010 USD = 1 GEL
Total amount is: 1967.56 USD
Please be advised, that the mentioned total amount in USD may differ from the amount in USD being charged by your credit card vendor, due to a possible difference in the applied exchange rate to USD.

Your Marriott Rewards Points/Frequent Flyer Miles earned will be credited to your account and will appear on your next statement.

We will credit your Frequent Flyer account.

Tell a friend about Marriott Rewards, you'll both get 1,000 points when they stay – up to five friends, five stays each.
That's up to 25,000 points for you. Refer Friends, Get Points! See details at MarriottRewards.com/Friend

Merchant ID:
Transaction ID / Amount: 10086907 4906.89
App. Code / Amount: 4906.89

Credit Card # / Exp (b)(4); (b)(6) XX/XX
Capture Method : Manual

I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company or association fails to pay for the part or full amount of these charges.

(S)LISI MARRIOTT HOTEL
13, RUSTAVELI AVENUE
[illegible]
F: 995.32.2779210

Guest's signature/სტუმრის ხელმოწერა

TD 017 Travel IC

ინვოისი / Invoice № 6

ქ. თბილისი / Tbilisi

თარიღი / Date: 05 / 02 / 2016

"შემსრულებლის" რეკვიზიტები / Executor:

დასახელება / Company Name:	შპს „ლაჟი ტური"
საიდენტიფიკაციო კოდი / ID: მისამართი / Address:	404501936 ქ. თბილისი, მ. ბროსეს № 9
მომსახურე ბანკი / Bank Name:	სს „პრო კრედიტ ბანკი"
ბანკის კოდი / Bank Code:	MIBGGE22
ანგარიშსწორების ანგარიში / Bank Account:	GE59PC0483400100000010

"დამკვეთის" რეკვიზიტები / Customer:

დასახელება / Company Name:	Avila Scientific
საიდენტიფიკაციო კოდი / ID:	
მისამართი / Address:	2000 Kraft Drive, STE 1108, Blacksburg, VA, 24060 USA
მომსახურე ბანკი / Bank Name: ბანკის კოდი / Bank Code:	
ანგარიშსწორების ანგარიში / Bank Account:	

მომსახურება / Service:

ღირებულება დღგ-ის ჩათვლით

Including VAT

მომსახურების დასახელება/Type of service:	სატრანსპორტო მომსახურება/Transportation
ჯამური თანხა / Sum Total:	498.78 ლარი (GEL)

$202.
USD

შპს „ლაჟი ტური" ის დირექტორი / Director of the Company: ლადო ქარჩავა /Lado Karchava/

TD 017 Trust ID

სს "პროკრედიტ ბანკის" თავისუფლების მოედნის სერვის პუნქტი
JSC ProCredit Bank Freedom Square Service Point
ბანკის კოდი / Swift code: MIBGGE22

პროკრედიტ ბანკი
ProCredit Bank
Georgia

05/02/2016 15:02:35

სალაროს შემოსავლის ორდერი / Cash Deposit Receipt № 426514945

5 თებერვალი/February 2016

		დებეტი/Debit	თანხა/Amount
თანხის შემომტანი Depositor	ტერეზა ბერნადეტე ჰუვარ	GE46PC9100302018001158	498.78
		კრედიტი/ Credit	
მიმღები Recipient	შპს ლაქი ტური	GE59PC0483400100000010	GEL
თანხა სიტყვიერად Amount in words	ოთხასოთხმოცდათვრამეტი ლარი 78 თეთრი		
გადახდის დანიშნულება Purpose of Payment	ტრანსპორტირების საფასური, ინვოისი#6,		
შემომტანის საბუთი Depositor ID	უცხო ქვეყნის პასპორტი : 510559727 Unitid States Department of state 09.08.2013 - 08.08.2023		

(b)(6)

შემსრ

შტამპის ადგილი
Stamp here

AVILA SCIENTIFIC

EXPENSE REPORT

Name (b)(6)

Emp type ID

Expense Report 1602007

M&IE GSA Mileage $0.54 per mile

Country Name	Primary Destination	County	Season End	Maximum Lodging Rate	M & IE Rate	Maximum Per Diem Rate
GEORGIA	Tbilisi		31 Dec 16	$ 336.00	$ 105.00	$ 441.00

AMOUNT DUE: $ 892.50

TRIP	TRAVELER	TOTAL	START DATE	END DATE	DEFAULT LOCATION	DESCRIPTION
Georgia Jan 2016	FOIA (b)(6)	$ 892.50	29 Jan 16	5 Feb 16	Tbilisi, Georgia	[illegible]

PROJECT	WBS	PERCENTAGE	Charge
[illegible]	[illegible]	20.00%	$ 178.50
	[illegible]	20.00%	$ 178.50
[illegible]	[illegible]	20.00%	$ 178.50
[illegible]	[illegible]	40.00%	$ 357.00

← Invoicing 357 only

TOTAL $ 892.50				
Date	Travel Item	Cost	Payment Type	Description
29-Jan-16	M&IE	78.75	CASH	M&IE Tbilisi (25% first day of travel)
30-Jan-16	M&IE	105.00	CASH	M&IE Tbilisi
31-Jan-16	M&IE	105.00	CASH	M&IE Tbilisi
1-Feb-16	M&IE	105.00	CASH	M&IE Tbilisi
2-Feb-16	M&IE	105.00	CASH	M&IE Tbilisi
3-Feb-16	M&IE	105.00	CASH	M&IE Tbilisi
4-Feb-16	M&IE	105.00	CASH	M&IE Tbilisi
5-Feb-16	M&IE	105.00	CASH	M&IE Tbilisi
6-Feb-16	M&IE	78.75	CASH	M&IE Tbilisi (75% last day of travel)

Amount Submitted 0.00

Amount Due Traveler 892.50

[illegible]

Expense report submitted by (b)(6) Date 2/17/2016

Expense report approved by Date 2/17/2016

TD 017 Travel 1F

TD 018 Georgia Visiting Scientist Genomics

Objectives

Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

Costs incurred during this period were for (b)(6) to continue project management activities on this project. (b)(6) communicated with DTRA and A&AS to discuss the current status of the project. He led communications with the Avila subject matter expertise team via email and teleconference.

Visiting Scientist

Costs incurred during this period were for (b)(6) to provide scientific mentoring in genomics and bioinformatics to Georgian scientists. (b)(6) also participated in regular project coordination communications including email and teleconferences.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs

Defense Base Act insurance is procured for all staff working outside of the United States. Metabiota has secured a blanket policy, and costs are reconciled each month and debited against the policy.

CLIN 1005 – Travel

No travel related costs are being invoiced during this period.

Metabiota

TD 018 Georgia Genomics

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Program Manager				Completed by Finance
		FOIA (b)(6)		to Apply to
Project Name	**Project Code**	**Name**	**SUB/IC/EMP**	**program**
TD 04 MESA	01021.02.004.MSA.04			$ -
TD 04 MESA Total				$ -
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 91.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 84.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 56.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 11.38
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 7.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 56.00
TD 09 NHLS Total				**$ 305.38**
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 27.17
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 50.07
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 83.46
TD 10 OHERSA Total				**$ 160.70**
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 71.93
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 68.25
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 178.50
TD 13 OHE	01021.02.013.OHE.04		IC	$ 5.78
TD 13 OHE Total				**$ 324.46**
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 369.60
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 292.60
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 231.00
TD 14 Kenya	01021.02.014.KEN.04		EMP	$ 77.24
TD 14 Kenya	01021.02.014.KEN.04		EMP	$ 184.90
TD 14 Kenya Total				**$ 1,155.35**
TD 16 Georgia GIS	01021.02.016.GIS.04		SUB	$ 135.08
TD 16 Georgia GIS	01021.02.016.GIS.04		SUB	$ 34.93
TD 16 Georgia GIS Total				**$ 170.02**
TD 18 Georgia Genomics	01021.02.018.GGM.04		IC	$ 431.20
TD 18 Georgia Genomics Total				**$ 431.20**
TD 19 Georgia Micro	01021.02.019.GMC.04		Employee	$ 336.54
TD 19 Georgia Micro Total				**$ 336.54**
Grand Total				**$ 2,883.63**

(b)(6)

TD 019 Georgia Visiting Scientist Microbiology

Objectives
Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:
Costs incurred during this period were fo(b)(6) to continue project management activities on this project(b)(6) ommunicated with DTRA and A&AS to discuss the current status of the project. He led communications with the Avila subject matter expertise team via email and teleconference.

Subject matter 1:
Costs incurred during this period were fo(b)(6) o conduct project coordination activities(b)(6) participated in teleconferences with(b)(6) and reviewed drafts of (b)(6) (b)(6) nnual CCR form.

Visiting Scientist
Costs incurred during this period were fo(b)(6) o provide scientific mentoring to Georgian scientists(b)(6) lso participated in regular project coordination communications including email and teleconferences.

CLIN 1003 – Materials and Supplies
No materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs
Defense Base Act insurance is procured for all staff working outside of the United States. Metabiota has secured a blanket policy, and costs are reconciled each month and debited against the policy.

CLIN 1005 – Travel
No travel related costs are being invoiced for during this period.

Metabiota						
TD 019 Georgia Microbiology						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(6)						

Completed by Program Manager				Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	FOIA (b)(4) to Apply to program
TD 04 MESA	01021.02.004.MSA.04			$ -
TD 04 MESA Total				$ -
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 91.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 84.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 56.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 11.38
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 7.00
TD 09 NHLS	01021.02.009.NHL.04		Sub	$ 56.00
TD 09 NHLS Total				**$ 305.38**
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 27.17
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 50.07
TD 10 OHERSA	01021.02.010.OHS.04		EMP	$ 83.46
TD 10 OHERSA Total				**$ 160.70**
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 71.93
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 68.25
TD 13 OHE	01021.02.013.OHE.04		EMP	$ 178.50
TD 13 OHE	01021.02.013.OHE.04		IC	$ 5.78
TD 13 OHE Total				**$ 324.46**
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 369.60
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 292.60
TD 14 Kenya	01021.02.014.KEN.04		IC	$ 231.00
TD 14 Kenya	01021.02.014.KEN.04		EMP	$ 77.24
TD 14 Kenya	01021.02.014.KEN.04		EMP	$ 184.90
TD 14 Kenya Total				**$ 1,155.35**
TD 16 Georgia GIS	01021.02.016.GIS.04		SUB	$ 135.08
TD 16 Georgia GIS	01021.02.016.GIS.04		SUB	$ 34.93
TD 16 Georgia GIS Total				**$ 170.02**
TD 18 Georgia Genomics	01021.02.018.GGM.04		IC	$ 431.20
TD 18 Georgia Genomics Total				**$ 431.20**
TD 19 Georgia Micro	01021.02.019.GMC.04		Employee	$ 336.54
TD 19 Georgia Micro Total				**$ 336.54**
Grand Total				**$ 2,883.63**

(b)(6)

FOIA DOS

TD 020 Gabon Initial Engagement SME Support - Invoiced to Completion Invoice #729.

TD 021 Field Epidemiology Training - Iraq

Objectives

Conduct remote trainings on epidemiology and BS&S/Biorisk management for one cohort of Iraqi scientists, and also engage them to familiarize them with the Iraq National Biological Emergency Response Plan and work on a gap analysis of said plan. Conduct remote trainings on epidemiology for a second cohort.

Period of Performance: 02/19/16 – 05/15/16

CLIN 1002 – Labor

Program Manager:

Costs were incurred during this period for the Program Managers, (b)(6) to support TD response, to include development of the technical and budget narrative, budget, SME and subcontractor identification. In addition, both PMs participated in routine conference calls to engage Metabiota project team members, as well as Watermark in the development of their subcontract request and approval, and engagement on the project for the BS&S component. Lastly, a job description was developed and submitted to HR to support hiring for the epidemiologists required for execution of this project.

Subject Matter Expert 1:

Costs were incurred during this period for SME 1s, (b)(6) to support TD response, and initiate project activities. (b)(6) as the project coordinator for this effort, assisted in the development of the project schedule, identification of project requirements, and CDRLs as well as supported the PMs in administrative activities necessary for project kick-off FOIA (b)(6) as a trainer for this effort, began engagement with Watermark to determine BS&S capabilities, as well as identification of potential regional partners and SMEs that could support this effort due to her regional experience and collaborator network.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs

No other direct cost related costs are being invoiced for during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota						
TD 021 FETP Iraq						
CLIN 1002 LABOR-100205 ACRN AH						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

(b)(4); (b)(6)

Program Management Review Travel Costs

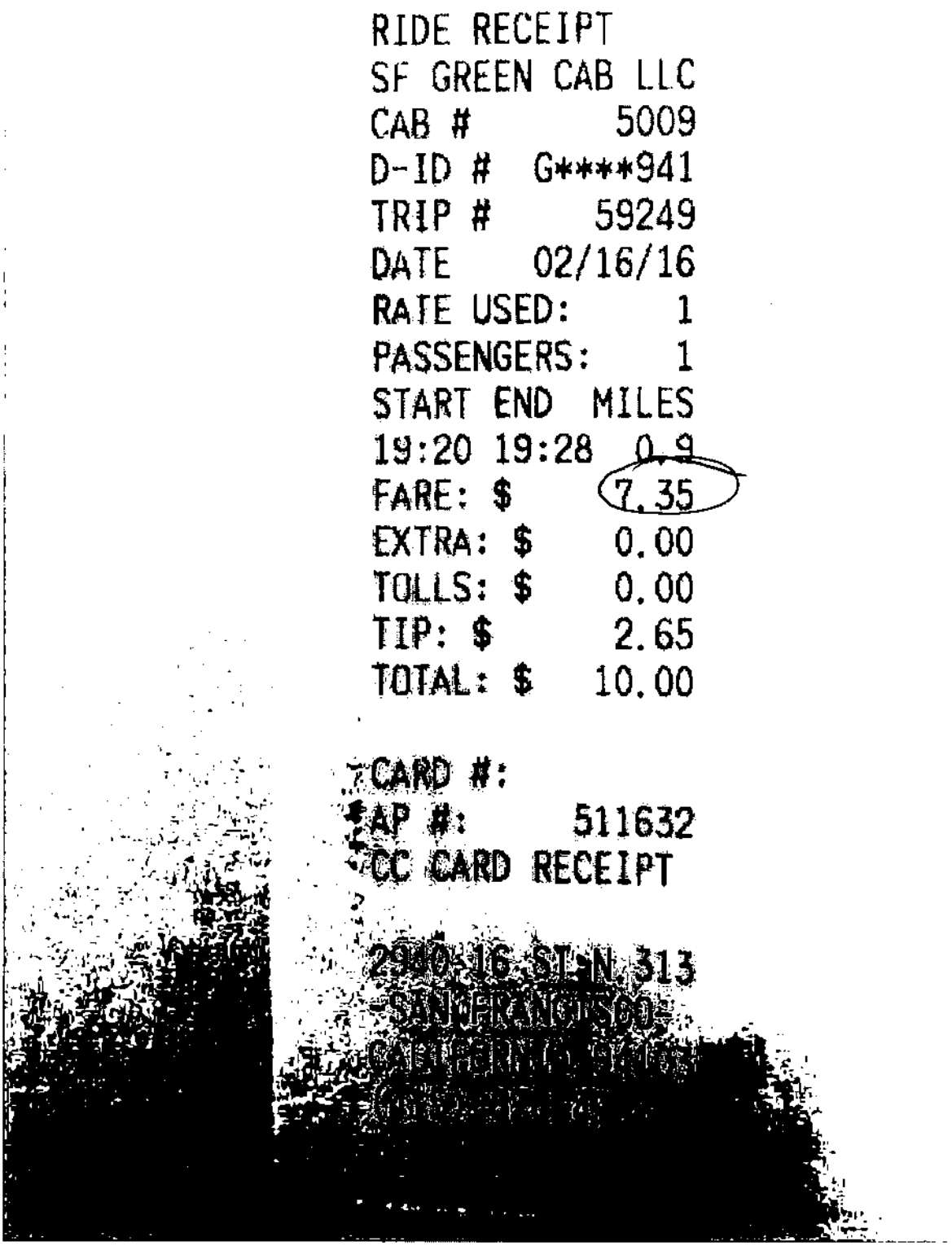
Objectives
Travel San Francisco to present the Annual Program Management Review(PMR) for AEP

Period of Performance: 02/17/16 – 02/19/16

CLIN 1005 – Travel
Costs invoiced this period include the flight, per diem and ground transportation costs for Program Director (b)(6) to travel to San Francisco to present the AEP PMR. Per Diem costs were incurred during this period for Program Operations Manager FOIA (b)(6). Additionally, costs incurred for the flight to San Francisco for Program Deputy Director FOIA (b)(6) are included. Remaining costs for the AEP PMR will be invoiced on the March invoice.

Metabiota		
AEP PMR Travel		
CLIN 1005 TRAVEL		
Transaction Description	CURRENT INVOICE	CUMULATIVE INVOICED

(b)(4); (b)(6)



RIDE RECEIPT
SF GREEN CAB LLC
CAB # 5009
D-ID # G****941
TRIP # 59249
DATE 02/16/16
RATE USED: 1
PASSENGERS: 1
START END MILES
19:20 19:28 0.9
FARE: $ 7.35
EXTRA: $ 0.00
TOLLS: $ 0.00
TIP: $ 2.65
TOTAL: $ 10.00

CARD #:
AP #: 511632
CC CARD RECEIPT

2940 16 ST N 313
SAN FRANCISCO
CALIFORNIA 94103

PMT Trust 1

WAN CHUNG WONG
2543 27TH AVE
SAN FRANCISCO, CA 94116

02/17/2016 14:11:00
Merchant ID: 000000003195787
Terminal ID: 05124740
1311355069

CREDIT CARD

AMEX SALE

CARD # (b)(4); (b)(6)
INVOICE 7860001
Batch #: 000786
Approval Code: 591150
Entry Method: Swiped
Mode: Online

SALE AMOUNT: $60.00

hotel for
FOIA (b)(6)

PMR Tool 2

Yellow Card Srvs
Yellow Cab Coop
San Francisco
415-839-4600

Start Time:
02/17/16 07:37
End Time:
2/17/16 07:42
Vehicle: 0830
Driver: 7267
Trans: 7548598
Card: AMEX 1675
Approval: 555383
Fare: $6.80
Tip: $3.00
Total: $9.80

For Service Call
415-333-3333

BMT Travel

Amount: $51.00

Card: $51.00 Approved
American Express (b)(4); (b)(6)
Expiration: **/**
Authorization: 569570
LPA: 17243
Sequence: 58

Exit Before 02/19/16 08:34 am
Or Additional Charges May Apply

Thank You And Have A Nice Day

Car parking at the airport

PMR Travel



$52.00

Custom Amount	$52.00
Total	$52.00

FOIA (b)(6)

Ben Taxi Service

Pre Travel 5

Printable Version

ETICKET RECEIPT IS ATTACHED
******* PLEASE REVIEW YOUR ITINERARY CAREFULLY*******
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YE4VCD
Invoice No.:	74434	**Agent:**	(b)(6)
Issue Date:	Thursday, January 21, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	(b)(6)

• If you would like to view your reservation online with Check My Trip. Click Here

AIR - Tuesday February 16 2016

Virgin America Flight VX69 Economy Class

Check In Confirmation: AJBRJR *(*24 Hours Prior)*

Depart:	10:00 AM, Tuesday February 16 Dulles Intl Arpt. Washington, District of Columbia, USA	**Arrive:**	1:05 PM, Tuesday February 16 San Francisco Intl. Arpt. Terminal 2 San Francisco, California, USA
Status:	Confirmed		
Booking Code:	S (Economy)		
Equipment:	Airbus Industrie A320	**Stops:**	Non-stop
Duration:	6 hours 5 minutes	**Seat:**	24A (Non smoking, Window) Confirmed
Meal:	None		

Weather | Flight Status *(Up to 3 days prior)* | Dining Reservations

AIR - Thursday February 18 2016

Virgin America Flight VX84 Economy Class

Check In Confirmation: AJBRJR *(*24 Hours Prior)*

Depart:	9:25 AM, Thursday February 18 San Francisco Intl. Arpt. Terminal 2 San Francisco, California, USA	**Arrive:**	5:25 PM, Thursday, February 18 Dulles Intl Arpt. Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	N (Economy)		
Equipment:	Airbus Industrie A320	**Stops:**	Non-stop
Duration:	5 hours 0 minutes	**Seat:**	14C (Non smoking, Aisle) Confirmed
Meal:	None		

Weather | Flight Status *(Up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document	Base	Tax	Total
Virgin America / 984 7799143434	295.81	50.39	346.20

Form of Payment: AX (b)(6)

PMR Travel &

Processing Fee / 890 0559671325		43.00		43.00
		Form of Payment: AX XXXXXXXXXXXX1675		
	Totals:	338.81	50.39	USD 389.20

Total Charged to Credit Card: USD 389.20
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• YOUR RESERVATION NUMBER WITH VIRGIN AMERICA IS AJBRIR. VIRGIN AMERICA CONTACT PHONE NUMBER IS 1-877-359-8474. FARE $346.20 BAGGAGE CHARGES MAY APPLY. FOR MORE INFO..PLEASE VISIT
▪ VIRGIN AMERICA-**WWW.VIRGINAMERICA.COM** BAGGAGE ALLOWANCE-SPECIFIC SIZE/WEIGHT RESTRICTIONS VARY BETWEEN AIRLINES. EXCESS CHARGES MAY APPLY IF EXCEEDED.

• Please check in 2 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time is 60 minutes prior to departure.

• Government-Issued picture ID is required or 2 pieces gov non picture ID showing name/date of birth/gender

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• This is an electronic ticket valid only on issuing airline.

• Photo ID and Etkt itinerary required for check in. Boarding passes required prior to entering security.

• View your itinerary at www.checkmytrip.Com use your last name and trip locator YF4VCD

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service.

Invoice No: 74434

acc ss more

Federal law forbids the carriage of certain hazardous materials such as aerosols, fireworks, and flammable liquids aboard the aircraft. If you do not understand these restrictions, contact your airline or go to http://www.faa.gov/about/initiatives/hazmat_safety

Sent To: FOIA (b)(6) metabiota@uniglobekentlands.com invoices@uniglobekentlands.com

pmr travel

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YCLWF3
Invoice No.:	74389-74390	**Agent:**	(b)(6)
Issue Date:	Wednesday, January 20, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	(b)(6) FOIA (b)(6)

• If you would like to view your reservation online with Check My Trip: Click Here

AIR - Tuesday February 16 2016

United Airlines Flight UA753 Economy Class

Check In Confirmation: PLT1PH *(24 Hours Prior)*

Depart:	6:21 AM, Tuesday, February 16 Balt/Wash Intl Airpor: Baltimore, Maryland, USA	**Arrive:**	9:34 AM, Tuesday, February 16 San Francisco Intl. Arpt. Terminal 3 San Francisco, California, USA
Status:	Confirmed		
Booking Code:	L (Economy)		
Equipment:	Boeing 737-800	**Stops:**	Non-stop
Duration:	6 hours 13 minutes	**Seat:**	34D (Non smoking) Confirmed
Meal:	Food For Purchase		

Weather | Flight Status *(Up to 3 days prior)* | Dining Reservations

AIR - Thursday February 18 2016

Delta Air Lines Flight DL1106 Economy Class

Check In Confirmation: I16ZJC *(24 Hours Prior)*

Depart:	8:20 AM, Thursday, February 18 San Francisco Intl. Arpt. Terminal 1 San Francisco, California, USA	**Arrive:**	2:08 PM, Thursday, February 18 St Paul Intl Airport-Terminal 1 Minneapolis, Minnesota, USA
Status:	Confirmed		
Booking Code:	V (Economy)		
Equipment:	Boeing (Douglas) MD-90	**Stops:**	Non-stop
Duration:	3 hours 48 minutes	**Seat:**	32C (Non smoking, Aisle) Confirmed
Meal:	Food For Purchase		

Weather | Flight Status *(Up to 3 days prior)* | Dining Reservations

AIR - Thursday February 18 2016

Delta Air Lines Flight DL1361 Economy Class

Check In Confirmation: H6ZJJC *(24 Hours Prior)*

Depart:	3:20 PM, Thursday, February 18	**Arrive:**	6:47 PM, Thursday, February 18

PMR Track 8

	St Paul Intl Airport-Terminal 1 Minneapolis, Minnesota, USA		Balt/Wash Intl Airport Baltimore, Maryland, USA
Status:	Confirmed		
Booking Code:	V [illegible]		
Equipment:	Airbus Industrie A320	**Stops:**	Non-stop
Duration:	2 hours 27 minutes	**Seat:**	18D (Non smoking, Aisle) Confirmed
Meal:	Refreshments for Purchase		

[illegible]

Invoice Details

Transaction / Document		Base	Tax	Total
United Airlines / 016 7796738003		161.86	26.24	188.10
	Form of Payment AX	(b)(4); (b)(6)		
Delta Air Lines / 006 7796738004		120.00	31.60	151.60
	Form of Payment AX	(b)(4); (b)(6)		
Processing Fee / 890 0659668234		43.00		43.00
	Form of Payment AX	(b)(4); (b)(6)		
	Totals:	324.86	57.84	USD 382.70

Total Charged to Credit Card: USD 382.70
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with United Airlines is PLT1PH. United Airlines contact phone number is 1-800-538-2929.

• YOUR RESERVATION NUMBER WITH DELTA AIR LINES IS H67IJC. DELTA AIR LINES CONTACT PHONE NUMBER IS 1-800-221-1212. FARE $376.20 BAGGAGE CHARGES MAY APPLY. FOR MORE INFO..PLEASE VISIT
- UNITED AIRLINES-WWW.UNITED.COM
- DELTA AIR LINES-WWW.DELTA.COM BAGGAGE ALLOWANCE-SPECIFIC SIZE/WEIGHT RESTRICTIONS VARY BETWEEN AIRLINES. EXCESS CHARGES MAY APPLY IF EXCEEDED

• Please check in 2 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time is 60 minutes prior to departure.

• Government-issued picture ID is required or 2 pieces government picture ID showing name/date of birth/gender.

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• This is an electronic ticket valid only on issuing airline.

• Photo ID and Etkt itinerary required for check in. Boarding passes required prior to entering security.

• Frec. Flyer nbr for United Airlines not provided freq. flyer nbr for Delta Air lines not provided please provide at check in.

• View your itinerary at www.checkmytrip.Com use your last name and trip locator YCUWF3

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service.

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Invoice and Narrative 01/01/16-01/31/16

Prepared for:

Prepared by:

METABIOTA

03/20/16

Invoice Summary



Invoice January 01- January 31 2015	
Remit To: Metabiota,Inc. 425 California St. 2nd Floor San Francisco CA 94104	**Bill To:** Defense Threat Reduction Agency 8725 John J. Kingman Rd. Ft. Belvoir VA 22060-6201

CLIN	CURRENT INVOICE	CUMULATIVE INVOICED
CLIN 1001	$ 161,520.52	$1,372,924.42
CLIN 1002	$ 188,690.31	$3,226,836.08
CLIN 1003	$ 15,203.65	$343,016.63
CLIN 1004	$ 937.97	$6,758.87
CLIN 1005	$ 7,830.13	$171,213.60
TOTAL	**$ 374,182.58**	**$5,120,749.60**

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 - 12/31/15

CLIN 1002 – Labor

Program Manager:
Costs incurred during this period were for (b)(6) to continue project management activities on this project. (b)(6) communicated with DTRA and A&AS following the completion of Leahy vetting to discuss options for the training. He coordinated with the training team to identify potential training windows, and directed Metabiota Cameroon team to communicate with Ministry of Defense and Ministry of Military Health to confirm training dates. He also worked with subcontractors to resolve minor discrepancies with invoicing.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced during this period.

CLIN 1004 – ODCs
No other direct costs are being invoiced during this period.

CLIN 1005 – Travel
No travel costs are being invoiced during this period.

Metabiota

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)	Program					

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan

Objectives

To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-CoV) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 05/16/2015 - 01/31/2016

CLIN 1002 – Labor

Program Manager:

Costs incurred during this period were for (b)(6) to complete close out activities on this project. The second laboratory training under this TD was completed in December 2016. Labor costs for January were required to close out contractual and deliverable requirements with Duke NUS to include receipt and review of their final report, travel report, invoice, and total expenses incurred on the project. In addition, training reports were followed up on to ensure submission and receipt by CBEP, finalizing all deliverables necessary on this TD. In addition, the vendor services contract was closed out with TMC for local procurement provided during the December event. (b)(6) organized and participated in routine communications with all partners to close out the project.

Research and Data Analyst:

Costs incurred during this period were for (b)(6) to assist the PM in closing out this activity. Hours worked included providing administrative support to close out TMC and Duke NUS contracts, ensure all deliverables were met, and final invoices were received. (b)(6) participated in final communications with partners and internal team members to ensure project close out.

Trainer I:

No Trainer 1 costs are being invoiced during this period.

Trainer II:

No Trainer 2 costs are being invoiced during this period.

Trainer III:

No Trainer 3 costs are being invoiced during this period.

CLIN 1003 – Materials and Supplies

Material and supply costs incurred during this period were the costs of reagents and consumables purchased by Duke NUS for the laboratory training event held in December 2016. All items procured by Duke NUS were shipped to Kazakhstan using CLS, and transferred to the Molecular and Virology Institute of Kazakhstan under the materials transfer agreement.

CLIN 1004 – ODCs

No other direct costs costs are being invoiced during this period.

CLIN 1005 – Travel

No travel costs are being invoiced during this period.

Metabiota						
TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

NATIONAL UNIVERSITY OF SINGAPORE
Duke-NUS Medical School
8 College Road
SINGAPORE 169857

Contact Person (b)(6)
Telephone No
E-mail (b)(6)

Co. Reg./GST Reg. No.: 200604346E

TAX INVOICE

To: METABIOTA, INC.
1 SUTTER STREET, SUITE 600
SAN FRANCISCO, CA 94104
USA

Attn: Accounts Payable

Invoice No.	Invoice Date	Payment Terms	Your PO No.	Customer No.
23280435	26 Jan 2016	30 Days		29401
Delivery Order No.				

S/N	Description	Quantity	UOM	Unit Price (USD)	Amount (USD)
1	Labour charges for Dec 2015 (Zero-rated for GST)	1	EA	18,880.00	18,880.00
2	30% overhead cost for Labour (Zero-rated for GST)	1	EA	5,664.00	5,664.00
3	Material charges Final Claim Project Title: Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-COV) in Camels and Bats in Kazakhstan. Subcontract No: 2014-04-DTRA (ILO Ref. RL2014-04 Mod1) (Zero-rated for GST)	1	EA	14,442.53	14,442.53

TD002 Materials 1

NATIONAL UNIVERSITY OF SINGAPORE

NUS National University of Singapore

PAYMENT INSTRUCTIONS

Payment must be made in the invoice currency.

1. **Payment By Cheque / Bank Draft**

Cheques / bank drafts must be made payable to "National University of Singapore" and drawn on a bank in Singapore. Foreign cheques are not accepted. Please indicate the invoice number clearly on the reverse. The payment and payment advice (if any) should be sent to the address as shown on the invoice.

2. **Payment By Interbank GIRO (For payment in Singapore Dollars and for Singapore Customers Only)**

Credit your payment to:
National University of Singapore
DBS Account No. (b)(6)

Please refer to Paragraph 4 regarding payment advice.

3. **Payment by Telegraphic Transfer**

For payment in Singapore Dollars :	
Beneficiary's Name	: National University of Singapore
Beneficiary's Account No.	: (b)(4); (b)(6)
Beneficiary's Bank	: DBS Bank Ltd, Singapore
Bank Address	: 12 Marina Boulevard, DBS Asia Central, Marina Bay Financial Centre Tower 3, Singapore 018982
Swift Code	: DBSSSGSG
For payment in US Dollars :	
Beneficiary's Name	: National University of Singapore
Beneficiary's Account No.	(b)(4); (b)(6)
Beneficiary's Bank	: Citibank N.A. Singapore
Swift Code	: CITISGSG
For payment in EURO:	
Beneficiary's Name	: National University of Singapore
Beneficiary's Account No.	(b)(4); (b)(6)
Beneficiary's Bank	: Citibank N.A. Singapore
Swift Code	: CITISGSG

Please state the invoice number on remitter detail in the TT application (under the message or instruction).

Please refer to Paragraph 4 regarding payment advice.

4. **Payment Advice**

To ensure proper crediting to your account, please mail or fax (fax no. 65-67786570) your payment advice to:
Office of Financial Services (Accounts Receivable)
National University of Singapore
University Hall, Tan Chin Tuan Wing
#UHT-03-02
21 Lower Kent Ridge Road
Singapore 119077

Or e-mail your payment advice to: ofnar@nus.edu.sg

TD 002 matters 19

TD 003 Bat Borne Virus from Annual Bat Cull India - Canceled and will not be invoiced

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/2015 - 05/15/2016

CLIN 1002 – Labor

Program Manager:
Hours incurred during this period were for work provided by (b)(6) the Metabiota program manager in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities conducted include, routine conference calls and email communications with CBEP and A&AS regional leadership, Gryphon Scientific SMEs, RSS in-country partners, and Metabiota project personnel to coordinate conference invitations, abstract submissions and review, travel logistics, conference logistics for submission to CLS, and other routine project needs. Specific activities included following up and completion of final JKO trainings, submission of all CCR and travel logistic requirements to CBEP and CLS, review and edits of the abstract book, conference presentations and posters, press release, conference app and password protected website. Activities also included coordination of networking day, and continuing to work closely with all partners to finalize logistic requirements necessary for event execution.

Research and Data Analysts:
Hours incurred during this period were for work provided by (b)(6) the Metabiota project coordinator in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan (b)(6) activities included participation in routine project conference calls and travel tracking, coordination, and communication with all invited speakers and SAB members to ensure information was gathered for facilitation of JKO training requirements, travel needs for submission to CLS, and overall coordination of attendance. (b)(6) worked closely with Gryphon SMEs, CLS and the Metabiota travel coordinator to ensure all participant information was secured, and accurately collected, logged, and submitted for vetting purposes. In addition, she reviewed conference documents and supported completion of the Master CLS form, revising logistics requested as needed, and in directed coordination with A&AS team members. She worked closely with the CLS and A&AS teams to ensure all details and requirements were met in preparation for event execution.
Hours incurred during this period included work provided by FOIA (b)(6) in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan (b)(6) (b)(6) hours included working directly with Metabiota contracts and program managers to provide monthly invoicing and reporting requirements to the Metabiota team.
Hours incurred during this period also included work provided by Jacqueline Chu in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. (b)(6) hours included working with the Gryphon scientific team to secure presentations from speakers for the proceedings book, review of submitted abstracts for the abstract book, and assistance in developing content for the conference app.

Subject Matter Expert III:

Hours incurred during this period were for work provided by (b)(6) in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities included overseeing Gryphon SMEs working on this project, and managing all administrative and technical requirements in coordination with her team. In addition, she reviewed submitted abstracts to support completion of the abstract book (b)(6) continued to participate in routine conference calls and communications with CBEP, RSS, and Metabiota to facilitate coordination of the event and provide key information on invited speakers to include gathering their abstract submissions, poster presentations, talks, CVs, travel requirements, etc., for review and submission to other team members. (b)(6) continued to coordinate with the team regarding all logistics requirements, to include restructuring of the networking day, and working closely with RSS to facilitate technical requirements for the event. In addition, she oversaw development of the website app and password protected site.

Subject Matter Expert I:
Hours incurred during this period were for work provided by (b)(6) Jackson in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities conducted by (b)(6) included continuing to finalize the conference agenda, reaching out to identified speakers for the plenary sessions, and lectures planned during this engagement. They collected and reviewed the abstracts, compiling them into the abstract book for submission to CBEP. They participated in routine conference calls and communications with CBEP, RSS, and Metabiota to facilitate coordination of the event and provide key information on invited speakers to include gathering their abstract submissions, CVs, travel requirements, etc., for review and submission to other team members. They supported finalization of the abstract book, and initiated development of the conference app and password protected website.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced during this period.

CLIN 1004 – ODCs
No other direct costs are being invoiced during this period.

CLIN 1005 – Travel
No travel costs are being invoiced during this period.

Metabiota

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 005 Iraqi Distance Learning – Canceled and will not be invoiced

TD 006 Nipah Research Activity Project- Canceled - Invoiced to Completion Invoice #725

TD 007 Regional Baseline Assessment - Invoiced to Completion Invoice #725.

TD 008 Clinician Training - Invoiced to Completion Invoice #726.

TD 009 NHLS BS&S Training - South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/2015-05/15/2016

CLIN 1002 – Labor

Program Manager:
Costs incurred during this period were for (b)(6) to continue project management activities on this project (b)(6) communicated with NHLS to work on resolving issues with invoicing. (b)(6) provided management oversight of final preparatory activities leading up to the BS&S videography shoot in January (b)(6) also communicated with NHLS leading up to the respirator fit-testing training event to ensure pick-up of required supplies including reagent-grade isopropanol. He additionally participated in communications with CLS and NHLS leading up to the respirator fit-testing training event regarding venue logistics (b)(6) also began investigating alternative solutions to completing the OHASIS module development in the event that (b)(6) became permanently assigned to NHLS headquarters.

Grants Manager:
(b)(6) oversaw in-country work on the BS&S videography. This cost was captured in the FFP period.

Trainer 1:
Costs incurred during this period were for (b)(6) to continue coordination activities on this projec (b)(6) assisted in resolving invoicing issues and confirmed progress on final logistical preparations for the February fit-testing training event.

Research and Data Analyst:
No research and Data Analyst costs are being invoiced during this period.

Subject Matter Expert 1:
No Subject Matter Expert 1 costs are being invoiced during this period.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced during this period.

CLIN 1005 – Travel
Partial payment was made to the Protea Hunter's Rest Hotel in advance of the February respirator fit-testing training event. The dollar figure here is the amount for one person for two nights stay.

Metabiota						
TD 009 NHLS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

PROTEA HOTEL
HUNTERS REST

Pro Forma Invoice

VAT NO #4480265802

Date: 03-Feb-16
Invoice: CD100

(b)(6)

Metabiota Inc.

FOIA (b)(6)

	DESCRIPTION				AMOUNT
Conference and Meals					
02 February 2016:					
5	Accommodation, Bed & Breakfast Single	1	R 985.00	R	4925.00
5	Tourism Levy	1	R 9.00	R	45.00
03 February 2016:					
4	Accommodation, Bed & Breakfast - Single	1	R 985.00	R	3940.00
4	Tourism Levy	1	R 9.00	R	36.00
1	Payment Received			R	-1988.00
This invoice includes 14% Vat.					
				VAT R	854.49
			TOTAL	R	6958.00

Banking Details
First National Bank - Church Square Pretoria
Branch; 250655
Account No: 62480435736
Shift Code: FIRNZAJJ
Thank you for staying with us !

TD 009 Travel 7

TD 010 One Health Epi Training - South Africa

Objectives
Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015 - 03/31/2015

CLIN 1002 – Labor

Program Manger:
Costs were incurred during this period to support time spent by Metabiota Program Manager (b)(6) (b)(6) oversaw all day to day project activities in support of One Health Epidemiology South Africa. (b)(6) lead bi-weekly project calls with South African Partners CDC-South Africa, USDA-South Africa, and USDA-APHIS South Africa. (b)(6) additionally lead calls with DTRA CBEP representation in support of regular client communications. (b)(6) additionally oversaw the development of an in-country agenda purposed to provide the Metabiota project team with an opportunity to engage with current and potential One Health Epidemiology stakeholders.

Trainer 1:
Represents the time spent by Metabiota Project Manager (b)(6) in her role as project coordinator during this period. (b)(6) was responsible for attending, recording and offering technical insight during bi-weekly project stakeholder and client calls. (b)(6) provided technical support to the PM and SME 2 during the development of the in-country meeting agenda, and worked to backstop stakeholder communication.

Subject Matter Expert 2:
Represents the time spent by Metabiota Staff Scientis (b)(6) in her role as epidemiology subject matter expert and project technical lead. (b)(6) lead the development of the in-country meeting agenda, and provided regular progress updates on her activities to the PM, South African Stakeholders, to DTRA CBEP representation as necessary. (b)(6) additionally participated in all project calls by providing technical expertise to questions raised by other stakeholders.

CLIN 1003 – Materials and Supplies
No materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel
Travel costs were incurred in preparation for (b)(6) to visit South Africa to review the landscape report and meet with stakeholders. This receipt covers the hotel costs for 3 rooms and corresponding fees for the duration of the trip.

Metabiota						
TD 010 One Health Epi South Africa						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

COURT CLASSIQUE

SUITE HOTEL - PRETORIA

★★★★

Pro Forma Invoice

Attention	(b)(6)	**From**	(b)(6)
Company	Personal Africa	**Tel**	012 344 4420
Tel		**Fax**	086 513 3637
Fax/Email	(b)(6)	**Email**	reservations1@courtclassique.co
Vat Nr		**Date**	3/3/2016

Herewith the pro forma invoice based on the following booking details:

Name	:	(b)(6)
Arrival	:	15.02.16
Departure	:	19.02.16
Res #	:	1947692, 1947963, 1947964

Nights	Qty	Description	Rate		Total	
4	1	Studio Suite Single BB	R	1,160.00	R	4,640.00
4	1	Tourism levy	R	11.60	R	46.40
3	2	Studio Suite Single BB	R	1,160.00	R	6,960.00
3	2	Tourism levy	R	11.60	R	69.60
					R	-
					R	-
					R	-

Court Classique Suite Hotel Bank Details

Absa Bank - Hatfield Branch

Account Number: 214 031 1092

Branch Code: 335545

Estimated Cost Breakdown		
Total Balance	R	11,716.00
Nett Total	R	10,277.19
14% VAT	R	1,438.81

Terms & Conditions:

* The total amount is payble 7 working days (Monday - Friday) before guest arrival
* Use your reservation number : *1947692, 1* as reference on the deposit slip / EFT transfer
* Fax proof of payment to 086 513 3637
* Should you wish to pay with credit card - complete authorisation form and return to 086 513 3637

Should you require any further informaiton please do not hesitate to contact me

Kind Regards

(b)(6)

Reservations Department

Court Classique Suite Hotel &

Sentinel Executive Apartments

Vat # 4830167377

TDolo Travel

TD 011 Ukraine TADR Activity Project 4 (TAP-4)

Objectives
The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/16/2015 - 01/31/2015

CLIN 1002 – Labor

Program Manager:
Costs incurred during this period by (b)(6) were for the drafting, finalization, and submission of the TAP-4 final report.

Trainer 1:
Costs incurred during this period by (b)(6) were for the drafting and finalization of the TAP-4 final report.

CLIN 1003 – Materials and Supplies
No material costs were incurred during this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel
No travel costs are being invoiced for during this period.

Metabiota						
TD 011 TAP 4						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Invoice and Narrative 01/01/16-01/31/16

Prepared for:

Prepared by:

METABIOTA

03/20/16

Invoice Summary



Invoice January 01- January 31 2015	
Remit To: Metabiota,Inc. 425 California St. 2nd Floor San Francisco CA 94104	**Bill To:** Defense Threat Reduction Agency 8725 John J. Kingman Rd. Ft. Belvoir VA 22060-6201

CLIN	CURRENT INVOICE	CUMULATIVE INVOICED
CLIN 1001	$ 161,520.52	$1,372,924.42
CLIN 1002	$ 188,690.31	$3,226,836.08
CLIN 1003	$ 15,203.65	$343,016.63
CLIN 1004	$ 937.97	$6,758.87
CLIN 1005	$ 7,830.13	$171,213.60
TOTAL	**$ 374,182.58**	**$5,120,749.60**

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 - 04/30/16

CLIN 1002 – Labor

Program Manager:
Costs incurred during this period were for (b)(6) to continue project management activities on this project. (b)(6) communicated with DTRA and A&AS following the completion of Leahy vetting to discuss options for the training. He coordinated with the training team to identify potential training windows, and directed Metabiota Cameroon team to communicate with Ministry of Defense and Ministry of Military Health to confirm training dates. He also worked with subcontractors to resolve minor discrepancies with invoicing.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced during this period.

CLIN 1004 – ODCs
No other direct costs are being invoiced during this period.

CLIN 1005 – Travel
No travel costs are being invoiced during this period.

Metabiota

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)	Program					

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan

Objectives

To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-CoV) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 05/16/2015 - 01/31/2016

CLIN 1002 – Labor

Program Manager:

Costs incurred during this period were for (b)(6) to complete close out activities on this project. The second laboratory training under this TD was completed in December 2016. Labor costs for January were required to close out contractual and deliverable requirements with Duke NUS to include receipt and review of their final report, travel report, invoice, and total expenses incurred on the project. In addition, training reports were followed up on to ensure submission and receipt by CBEP, finalizing all deliverables necessary on this TD. In addition, the vendor services contract was closed out with TMC for local procurement provided during the December event. (b)(6) organized and participated in routine communications with all partners to close out the project.

Research and Data Analyst:

Costs incurred during this period were for (b)(6) to assist the PM in closing out this activity. Hours worked included providing administrative support to close out TMC and Duke NUS contracts, ensure all deliverables were met, and final invoices were received. (b)(6) articipated in final communications with partners and internal team members to ensure project close out.

Trainer I:

No Trainer 1 costs are being invoiced during this period.

Trainer II:

No Trainer 2 costs are being invoiced during this period.

Trainer III:

No Trainer 3 costs are being invoiced during this period.

CLIN 1003 – Materials and Supplies

Material and supply costs incurred during this period were the costs of reagents and consumables purchased by Duke NUS for the laboratory training event held in December 2016. All items procured by Duke NUS were shipped to Kazakhstan using CLS, and transferred to the Molecular and Virology Institute of Kazakhstan under the materials transfer agreement.

CLIN 1004 – ODCs

No other direct costs costs are being invoiced during this period.

CLIN 1005 – Travel

No travel costs are being invoiced during this period.

Metabiota						
TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

NATIONAL UNIVERSITY OF SINGAPORE
Duke-NUS Medical School
8 College Road
SINGAPORE 169857

Contact Person (b)(6)
Telephone No 6516 5930
E-mail (b)(6)

Co. Reg./GST Reg. No.: 200604346E

TAX INVOICE

To: METABIOTA, INC.
1 SUTTER STREET, SUITE 600
SAN FRANCISCO, CA 94104
USA

Attn: Accounts Payable

Invoice No.	Invoice Date	Payment Terms	Your PO No.	Customer No.
23280435	26 Jan 2016	30 Days		29401
Delivery Order No.				

S/N	Description	Quantity	UOM	Unit Price (USD)	Amount (USD)
1	Labour charges for Dec 2015 (Zero-rated for GST)	1	EA	18,880.00	18,880.00
2	30% overhead cost for Labour (Zero-rated for GST)	1	EA	5,664.00	5,664.00
3	Material charges Final Claim Project Title: Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-COV) in Camels and Bats in Kazakhstan. Subcontract No: 2014-04-DTRA (ILO Ref. RL2014-04 Mod1) (Zero-rated for GST)	1	EA	14,442.53	14,442.53

TD002 Materials 1

NATIONAL UNIVERSITY OF SINGAPORE

NUS National University of Singapore

PAYMENT INSTRUCTIONS

Payment must be made in the invoice currency.

1. **Payment By Cheque / Bank Draft**

Cheques / bank drafts must be made payable to "National University of Singapore" and drawn on a bank in Singapore. Foreign cheques are not accepted. Please indicate the invoice number clearly on the reverse. The payment and payment advice (if any) should be sent to the address as shown on the invoice.

2. **Payment By Interbank GIRO (For payment in Singapore Dollars and for Singapore Customers Only)**

Credit your payment to:
National University of Singapore,
DBS Account No. (b)(4); (b)(6)

Please refer to Paragraph 4 regarding payment advice.

3. **Payment by Telegraphic Transfer**

For payment in Singapore Dollars :	
Beneficiary's Name	: National University of Singapore
Beneficiary's Account No.	(b)(4); (b)(6)
Beneficiary's Bank	: DBS Bank Ltd, Singapore
Bank Address	: 12 Marina Boulevard, DBS Asia Central, Marina Bay Financial Centre Tower 3, Singapore 018982
Swift Code	: DBSSSGSG
For payment in US Dollars :	
Beneficiary's Name	: National University of Singapore
Beneficiary's Account No.	(b)(4); (b)(6)
Beneficiary's Bank	: Citibank N.A. Singapore
Swift Code	: CITISGSG
For payment in EURO:	
Beneficiary's Name	: National University of Singapore
Beneficiary's Account No.	(b)(4); (b)(6)
Beneficiary's Bank	: Citibank N.A. Singapore
Swift Code	: CITISGSG

Please state the invoice number on remitter detail in the TT application (under the message or instruction).

Please refer to Paragraph 4 regarding payment advice.

4. **Payment Advice**

To ensure proper crediting to your account, please mail or fax (fax no. 65-67786570) your payment advice to:
Office of Financial Services (Accounts Receivable)
National University of Singapore
University Hall, Tan Chin Tuan Wing
#UHT-03-02
21 Lower Kent Ridge Road
Singapore 119077

Or e-mail your payment advice to: ofnar@nus.edu.sg

TD 002 matters 19

TD 003 Bat Borne Virus from Annual Bat Cull India - Canceled and will not be invoiced

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop

Objectives

Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/2015 - 05/15/2016

CLIN 1002 – Labor

Program Manager:

Hours incurred during this period were for work provided by (b)(6) the Metabiota program manager in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities conducted include, routine conference calls and email communications with CBEP and A&AS regional leadership, Gryphon Scientific SMEs, RSS in-country partners, and Metabiota project personnel to coordinate conference invitations, abstract submissions and review, travel logistics, conference logistics for submission to CLS, and other routine project needs. Specific activities included following up and completion of final JKO trainings, submission of all CCR and travel logistic requirements to CBEP and CLS, review and edits of the abstract book, conference presentations and posters, press release, conference app and password protected website. Activities also included coordination of networking day, and continuing to work closely with all partners to finalize logistic requirements necessary for event execution.

Research and Data Analysts:

Hours incurred during this period were for work provided by (b)(6) the Metabiota project coordinator in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan (b)(6) activities included participation in routine project conference calls and travel tracking, coordination, and communication with all invited speakers and SAB members to ensure information was gathered for facilitation of JKO training requirements, travel needs for submission to CLS, and overall coordination of attendance (b)(6) worked closely with Gryphon SMEs, CLS and the Metabiota travel coordinator to ensure all participant information was secured, and accurately collected, logged, and submitted for vetting purposes. In addition, she reviewed conference documents and supported completion of the Master CLS form, revising logistics requested as needed, and in directed coordination with A&AS team members. She worked closely with the CLS and A&AS teams to ensure all details and requirements were met in preparation for event execution.
Hours incurred during this period included work provided by FOIA (b)(6) in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. M (b)(6) (b)(6) hours included working directly with Metabiota contracts and program managers to provide monthly invoicing and reporting requirements to the Metabiota team.
Hours incurred during this period also included work provided b (b)(6) n support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan (b)(6) hours included working with the Gryphon scientific team to secure presentations from speakers for the proceedings book, review of submitted abstracts for the abstract book, and assistance in developing content for the conference app.

Subject Matter Expert III:

Hours incurred during this period were for work provided by (b)(6) in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities included overseeing Gryphon SMEs working on this project, and managing all administrative and technical requirements in coordination with her team. In addition, she reviewed submitted abstracts to support completion of the abstract book (b)(6) continued to participate in routine conference calls and communications with CBEP, RSS, and Metabiota to facilitate coordination of the event and provide key information on invited speakers to include gathering their abstract submissions, poster presentations, talks, CVs, travel requirements, etc., for review and submission to other team members. (b)(6) continued to coordinate with the team regarding all logistics requirements, to include restructuring of the networking day, and working closely with RSS to facilitate technical requirements for the event. In addition, she oversaw development of the website app and password protected site.

Subject Matter Expert I:

Hours incurred during this period were for work provided b (b)(6) (b)(6) in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities conducted by (b)(6) included continuing to finalize the conference agenda, reaching out to identified speakers for the plenary sessions, and lectures planned during this engagement. They collected and reviewed the abstracts, compiling them into the abstract book for submission to CBEP. They participated in routine conference calls and communications with CBEP, RSS, and Metabiota to facilitate coordination of the event and provide key information on invited speakers to include gathering their abstract submissions, CVs, travel requirements, etc., for review and submission to other team members. They supported finalization of the abstract book, and initiated development of the conference app and password protected website.

CLIN 1003 – Materials and Supplies

No material costs are being invoiced during this period.

CLIN 1004 – ODCs

No other direct costs are being invoiced during this period.

CLIN 1005 – Travel

No travel costs are being invoiced during this period.

Metabiota						
TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(6)						

TD 005 Iraqi Distance Learning – Canceled and will not be invoiced

TD 006 Nipah Research Activity Project- Canceled - Invoiced to Completion Invoice #725

TD 007 Regional Baseline Assessment - Invoiced to Completion Invoice #725.

TD 008 Clinician Training - Invoiced to Completion Invoice #726.

TD 009 NHLS BS&S Training - South Africa

Objectives

Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/2015-05/15/2016

CLIN 1002 – Labor

Program Manager:

Costs incurred during this period were for (b)(6) to continue project management activities on this proje(b)(6) communicated with NHLS to work on resolving issues with invoicing. (b)(6) provided management oversight of final preparatory activities leading up to the BS&S videography shoot in January (b)(6) also communicated with NHLS leading up to the respirator fit-testing training event to ensure pick-up of required supplies including reagent-grade isopropanol. He additionally participated in communications with CLS and NHLS leading up to the respirator fit-testing training event regarding venue logistics. (b)(6) also began investigating alternative solutions to completing the OHASIS module development in the event that (b)(6) became permanently assigned to NHLS headquarters.

Grants Manager:

(b)(6) oversaw in-country work on the BS&S videography. This cost was captured in the FFP period.

Trainer 1:

Costs incurred during this period were for (b)(6) to continue coordination activities on this project (b)(6) assisted in resolving invoicing issues and confirmed progress on final logistical preparations for the February fit-testing training event.

Research and Data Analyst:

No research and Data Analyst costs are being invoiced during this period.

Subject Matter Expert 1:

No Subject Matter Expert 1 costs are being invoiced during this period.

CLIN 1003 – Materials and Supplies

No material costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced during this period.

CLIN 1005 – Travel

Partial payment was made to the Protea Hunter's Rest Hotel in advance of the February respirator fit-testing training event. The dollar figure here is the amount for one person for two nights stay.

Metabiota						
TD 009 NHLS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

PROTEA HOTEL
HUNTERS REST

Pro Forma Invoice

VAT NO #4480265802

Date: 03-Feb-16
Invoice: CD100

(b)(6)

Metabiota Inc

(b)(6)

	DESCRIPTION				AMOUNT
Conference and Meals					
02 February 2016:					
5	Accommodation, Bed & Breakfast Single	1	R 985.00	R	4925.00
5	Tourism Levy	1	R 9.00	R	45.00
03 February 2016:					
4	Accommodation, Bed & Breakfast - Single	1	R 985.00	R	3940.00
4	Tourism Levy	1	R 9.00	R	36.00
1	Payment Received			R	-1988.00
This invoice includes 14% Vat.					
				VAT R	854.49
			TOTAL	R	6958.00

Banking Details
First National Bank - Church Square Pretoria
Branch; 250655
Account No (b)(4); (b)(6)
Shift Code: FIRNZAJJ
Thank you for staying with us !

TD 009 Travel 7

TD 010 One Health Epi Training - South Africa

Objectives
Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015 - 03/31/2016

CLIN 1002 – Labor

Program Manger:
Costs were incurred during this period to support time spent by Metabiota Program Manager (b)(6) oversaw all day to day project activities in support of One Health Epidemiology South Africa. (b)(6) lead bi-weekly project calls with South African Partners CDC-South Africa, USDA-South Africa, and USDA-APHIS South Africa. (b)(6) additionally lead calls with DTRA CBEP representation in support of regular client communications. (b)(6) additionally oversaw the development of an in-country agenda purposed to provide the Metabiota project team with an opportunity to engage with current and potential One Health Epidemiology stakeholders.

Trainer 1:
Represents the time spent by Metabiota Project Manager (b)(6) in her role as project coordinator during this period. (b)(6) was responsible for attending, recording and offering technical insight during bi-weekly project stakeholder and client calls (b)(6) provided technical support to the PM and SME 2 during the development of the in-country meeting agenda, and worked to backstop stakeholder communication.

Subject Matter Expert 2:
Represents the time spent by Metabiota Staff Scientis (b)(6) in her role as epidemiology subject matter expert and project technical lead. (b)(6) lead the development of the in-country meeting agenda, and provided regular progress updates on her activities to the PM, South African Stakeholders, to DTRA CBEP representation as necessary. (b)(6) additionally participated in all project calls by providing technical expertise to questions raised by other stakeholders.

CLIN 1003 – Materials and Supplies
No materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel
Travel costs were incurred in preparation for FOIA (b)(6) to visit South Africa to review the landscape report and meet with stakeholders. This receipt covers the hotel costs for 3 rooms and corresponding fees for the duration of the trip.

Metabiota						
TD 010 One Health Epi South Africa						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

COURT CLASSIQUE

SUITE HOTEL - PRETORIA

★★★★

Pro Forma Invoice

Attention	(b)(6)	**From**	(b)(6)
Company	Personal Africa	**Tel**	012 344 4420
Tel		**Fax**	086 513 3637
Fax/Email	(b)(6)	**Email**	reservations1@courtclassique.co
Vat Nr		**Date**	3/3/2016

Herewith the pro forma invoice based on the following booking details:

Name	:	(b)(6)
Arrival	:	15.02.16
Departure	:	19.02.16
Res #	:	1947692, 1947963, 1947964

Nights	Qty	Description	Rate		Total	
4	1	Studio Suite Single BB	R	1,160.00	R	4,640.00
4	1	Tourism levy	R	11.60	R	46.40
3	2	Studio Suite Single BB	R	1,160.00	R	6,960.00
3	2	Tourism levy	R	11.60	R	69.60
					R	-
					R	-
					R	-

Court Classique Suite Hotel Bank Details

Absa Bank - Hatfield Branch

Account Number (b)(4); (b)(6)

Branch Code: 335545

Estimated Cost Breakdown		
Total Balance	R	11,716.00
Nett Total	R	10,277.19
14% VAT	R	1,438.81

Terms & Conditions:

* The total amount is payble 7 working days (Monday - Friday) before guest arrival
* Use your reservation number : *1947692, 1* as reference on the deposit slip / EFT transfer
* Fax proof of payment to 086 513 3637
* Should you wish to pay with credit card - complete authorisation form and return to 086 513 3637

Should you require any further informaiton please do not hesitate to contact me

Kind Regards

(b)(6)

Reservations Department

Court Classique Suite Hotel &

Sentinel Executive Apartments

Vat # 4830167377

TDolo Travel

TD 011 Ukraine TADR Activity Project 4 (TAP-4)

Objectives
The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/16/2015 - 01/31/2016

CLIN 1002 – Labor

Program Manager:
Costs incurred during this period by (b)(6) were for the drafting, finalization, and submission of the TAP-4 final report.

Trainer 1:
Costs incurred during this period by (b)(6) were for the drafting and finalization of the TAP-4 final report.

CLIN 1003 – Materials and Supplies
No material costs were incurred during this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel
No travel costs are being invoiced for during this period.

Metabiota						
TD 011 TAP 4						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 012 Ukraine Project 2 (UP-2) -Invoiced to Completion Invoice #725. Transitioned to BTRIC.

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Invoice and Narrative 01/01/16-01/31/16

Prepared for:

Prepared by:

METABIOTA

03/20/16

Invoice Summary



Invoice January 01- January 31 2015	
Remit To: Metabiota,Inc. 425 California St. 2nd Floor San Francisco CA 94104	**Bill To:** Defense Threat Reduction Agency 8725 John J. Kingman Rd. Ft. Belvoir VA 22060-6201

CLIN	CURRENT INVOICE	CUMULATIVE INVOICED
CLIN 1001	$ 161,520.52	$1,372,924.42
CLIN 1002	$ 188,690.31	$3,226,836.08
CLIN 1003	$ 15,203.65	$343,016.63
CLIN 1004	$ 937.97	$6,758.87
CLIN 1005	$ 7,830.13	$171,213.60
TOTAL	**$ 374,182.58**	**$5,120,749.60**

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 - 04/30/16

CLIN 1002 – Labor

Program Manager:
Costs incurred during this period were for (b)(6) to continue project management activities on this project. (b)(6) communicated with DTRA and A&AS following the completion of Leahy vetting to discuss options for the training. He coordinated with the training team to identify potential training windows, and directed Metabiota Cameroon team to communicate with Ministry of Defense and Ministry of Military Health to confirm training dates. He also worked with subcontractors to resolve minor discrepancies with invoicing.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced during this period.

CLIN 1004 – ODCs
No other direct costs are being invoiced during this period.

CLIN 1005 – Travel
No travel costs are being invoiced during this period.

Metabiota

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)	Program					

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan

Objectives

To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-CoV) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 05/16/2015 - 01/31/2016

CLIN 1002 – Labor

Program Manager:

Costs incurred during this period were for (b)(6) to complete close out activities on this project. The second laboratory training under this TD was completed in December 2016. Labor costs for January were required to close out contractual and deliverable requirements with Duke NUS to include receipt and review of their final report, travel report, invoice, and total expenses incurred on the project. In addition, training reports were followed up on to ensure submission and receipt by CBEP, finalizing all deliverables necessary on this TD. In addition, the vendor services contract was closed out with TMC for local procurement provided during the December event. (b)(6) organized and participated in routine communications with all partners to close out the project.

Research and Data Analyst:

Costs incurred during this period were for (b)(6) to assist the PM in closing out this activity. Hours worked included providing administrative support to close out TMC and Duke NUS contracts, ensure all deliverables were met, and final invoices were received (b)(6) participated in final communications with partners and internal team members to ensure project close out.

Trainer I:

No Trainer 1 costs are being invoiced during this period.

Trainer II:

No Trainer 2 costs are being invoiced during this period.

Trainer III:

No Trainer 3 costs are being invoiced during this period.

CLIN 1003 – Materials and Supplies

Material and supply costs incurred during this period were the costs of reagents and consumables purchased by Duke NUS for the laboratory training event held in December 2016. All items procured by Duke NUS were shipped to Kazakhstan using CLS, and transferred to the Molecular and Virology Institute of Kazakhstan under the materials transfer agreement.

CLIN 1004 – ODCs

No other direct costs costs are being invoiced during this period.

CLIN 1005 – Travel

No travel costs are being invoiced during this period.

Metabiota						
TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

NATIONAL UNIVERSITY OF SINGAPORE
Duke-NUS Medical School
8 College Road
SINGAPORE 169857

Contact Person
Telephone No
E-mail

(b)(6)

Co. Reg./GST Reg. No.: 200604346E

TAX INVOICE

To: METABIOTA, INC.
1 SUTTER STREET, SUITE 600
SAN FRANCISCO, CA 94104
USA

Attn: Accounts Payable

Invoice No.	Invoice Date	Payment Terms	Your PO No.	Customer No.
23280435	26 Jan 2016	30 Days		29401
Delivery Order No.				

S/N	Description	Quantity	UOM	Unit Price (USD)	Amount (USD)
1	Labour charges for Dec 2015 (Zero-rated for GST)	1	EA	18,880.00	18,880.00
2	30% overhead cost for Labour (Zero-rated for GST)	1	EA	5,664.00	5,664.00
3	Material charges Final Claim Project Title: Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-COV) in Camels and Bats in Kazakhstan. Subcontract No: 2014-04-DTRA (ILO Ref. RL2014-04 Mod1) (Zero-rated for GST)	1	EA	14,442.53	14,442.53

TD002 Materials 1

NATIONAL UNIVERSITY OF SINGAPORE

NUS National University of Singapore

PAYMENT INSTRUCTIONS

Payment must be made in the invoice currency.

1. **Payment By Cheque / Bank Draft**

Cheques / bank drafts must be made payable to "National University of Singapore" and drawn on a bank in Singapore. Foreign cheques are not accepted. Please indicate the invoice number clearly on the reverse. The payment and payment advice (if any) should be sent to the address as shown on the invoice.

2. **Payment By Interbank GIRO (For payment in Singapore Dollars and for Singapore Customers Only)**

Credit your payment to:
National University of Singapore,
DBS Account No.: (b)(6)

Please refer to Paragraph 4 regarding payment advice.

3. **Payment by Telegraphic Transfer**

For payment in Singapore Dollars :	
Beneficiary's Name	: National University of Singapore
Beneficiary's Account No.	(b)(4); (b)(6)
Beneficiary's Bank	: DBS Bank Ltd, Singapore
Bank Address	: 12 Marina Boulevard, DBS Asia Central, Marina Bay Financial Centre Tower 3, Singapore 018982
Swift Code	: DBSSSGSG
For payment in US Dollars :	
Beneficiary's Name	: National University of Singapore
Beneficiary's Account No.	(b)(4); (b)(6)
Beneficiary's Bank	: Citibank N.A. Singapore
Swift Code	: CITISGSG
For payment in EURO:	
Beneficiary's Name	: National University of Singapore
Beneficiary's Account No.	(b)(4); (b)(6)
Beneficiary's Bank	: Citibank N.A. Singapore
Swift Code	: CITISGSG

Please state the invoice number on remitter detail in the TT application (under the message or instruction).

Please refer to Paragraph 4 regarding payment advice.

4. **Payment Advice**

To ensure proper crediting to your account, please mail or fax (fax no. 65-67786570) your payment advice to:
Office of Financial Services (Accounts Receivable)
National University of Singapore
University Hall, Tan Chin Tuan Wing
#UHT-03-02
21 Lower Kent Ridge Road
Singapore 119077

Or e-mail your payment advice to: ofnar@nus.edu.sg

TD 002 matters 19

TD 003 Bat Borne Virus from Annual Bat Cull India - Canceled and will not be invoiced

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop

Objectives

Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/2015 - 05/15/2016

CLIN 1002 – Labor

Program Manager:

Hours incurred during this period were for work provided by (b)(6) the Metabiota program manager in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities conducted include, routine conference calls and email communications with CBEP and A&AS regional leadership, Gryphon Scientific SMEs, RSS in-country partners, and Metabiota project personnel to coordinate conference invitations, abstract submissions and review, travel logistics, conference logistics for submission to CLS, and other routine project needs. Specific activities included following up and completion of final JKO trainings, submission of all CCR and travel logistic requirements to CBEP and CLS, review and edits of the abstract book, conference presentations and posters, press release, conference app and password protected website. Activities also included coordination of networking day, and continuing to work closely with all partners to finalize logistic requirements necessary for event execution.

Research and Data Analysts:

Hours incurred during this period were for work provided by (b)(6) the Metabiota project coordinator in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. (b)(6) activities included participation in routine project conference calls and travel tracking, coordination, and communication with all invited speakers and SAB members to ensure information was gathered for facilitation of JKO training requirements, travel needs for submission to CLS, and overall coordination of attendance (b)(6) worked closely with Gryphon SMEs, CLS and the Metabiota travel coordinator to ensure all participant information was secured, and accurately collected, logged, and submitted for vetting purposes. In addition, she reviewed conference documents and supported completion of the Master CLS form, revising logistics requested as needed, and in directed coordination with A&AS team members. She worked closely with the CLS and A&AS teams to ensure all details and requirements were met in preparation for event execution.

Hours incurred during this period included work provided by FOIA (b)(6) in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. (b) (6) hours included working directly with Metabiota contracts and program managers to provide monthly invoicing and reporting requirements to the Metabiota team.

Hours incurred during this period also included work provided by (b)(6) in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. (b)(6) hours included working with the Gryphon scientific team to secure presentations from speakers for the proceedings book, review of submitted abstracts for the abstract book, and assistance in developing content for the conference app.

Subject Matter Expert III:

Hours incurred during this period were for work provided by (b)(6) in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities included overseeing Gryphon SMEs working on this project, and managing all administrative and technical requirements in coordination with her team. In addition, she reviewed submitted abstracts to support completion of the abstract book. (b)(6) continued to participate in routine conference calls and communications with CBEP, RSS, and Metabiota to facilitate coordination of the event and provide key information on invited speakers to include gathering their abstract submissions, poster presentations, talks, CVs, travel requirements, etc., for review and submission to other team members. (b)(6) continued to coordinate with the team regarding all logistics requirements, to include restructuring of the networking day, and working closely with RSS to facilitate technical requirements for the event. In addition, she oversaw development of the website app and password protected site.

Subject Matter Expert I:
Hours incurred during this period were for work provided by (b)(6) Jackson in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities conducted by (b)(6) included continuing to finalize the conference agenda, reaching out to identified speakers for the plenary sessions, and lectures planned during this engagement. They collected and reviewed the abstracts, compiling them into the abstract book for submission to CBEP. They participated in routine conference calls and communications with CBEP, RSS, and Metabiota to facilitate coordination of the event and provide key information on invited speakers to include gathering their abstract submissions, CVs, travel requirements, etc., for review and submission to other team members. They supported finalization of the abstract book, and initiated development of the conference app and password protected website.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced during this period.

CLIN 1004 – ODCs
No other direct costs are being invoiced during this period.

CLIN 1005 – Travel
No travel costs are being invoiced during this period.

Metabiota						
TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

TD 005 Iraqi Distance Learning – Canceled and will not be invoiced

TD 006 Nipah Research Activity Project- Canceled - Invoiced to Completion Invoice #725

TD 007 Regional Baseline Assessment - Invoiced to Completion Invoice #725.

TD 008 Clinician Training - Invoiced to Completion Invoice #726.

TD 009 NHLS BS&S Training - South Africa

Objectives

Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/2015-05/15/2016

CLIN 1002 – Labor

Program Manager:

Costs incurred during this period were for (b)(6) to continue project management activities on this project. (b)(6) communicated with NHLS to work on resolving issues with invoicing. (b)(6) provided management oversight of final preparatory activities leading up to the BS&S videography shoot in January. (b)(6) also communicated with NHLS leading up to the respirator fit-testing training event to ensure pick-up of required supplies including reagent-grade isopropanol. He additionally participated in communications with CLS and NHLS leading up to the respirator fit-testing training event regarding venue logistics. (b)(6) also began investigating alternative solutions to completing the OHASIS module development in the event that (b)(6) became permanently assigned to NHLS headquarters.

Grants Manager:

(b)(6) oversaw in-country work on the BS&S videography. This cost was captured in the FFP period.

Trainer 1:

Costs incurred during this period were for (b)(6) to continue coordination activities on this project. (b)(6) assisted in resolving invoicing issues and confirmed progress on final logistical preparations for the February fit-testing training event.

Research and Data Analyst:

No research and Data Analyst costs are being invoiced during this period.

Subject Matter Expert 1:

No Subject Matter Expert 1 costs are being invoiced during this period.

CLIN 1003 – Materials and Supplies

No material costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced during this period.

CLIN 1005 – Travel

Partial payment was made to the Protea Hunter's Rest Hotel in advance of the February respirator fit-testing training event. The dollar figure here is the amount for one person for two nights stay.

Metabiota						
TD 009 NHLS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

PROTEA HOTEL
HUNTERS REST

Pro Forma Invoice

VAT NO #4480265802

Date: 03-Feb-16
Invoice: CD100

(b)(6)

Metabiota Inc.
(b)(6)

	DESCRIPTION				AMOUNT
Conference and Meals					
02 February 2016:					
5	Accommodation, Bed & Breakfast Single	1	R 985.00	R	4925.00
5	Tourism Levy	1	R 9.00	R	45.00
03 February 2016:					
4	Accommodation, Bed & Breakfast - Single	1	R 985.00	R	3940.00
4	Tourism Levy	1	R 9.00	R	36.00
1	Payment Received			R	-1988.00
This invoice includes 14% Vat.					
				VAT R	854.49
			TOTAL	R	6958.00

Banking Details
First National Bank - Church Square Pretoria
Branch: 250655
Account No: (b)(4); (b)(6)
Shift Code: FIRNZAJJ
Thank you for staying with us !

TD 009 Travel 7

TD 010 One Health Epi Training - South Africa

Objectives
Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015 - 03/31/2016

CLIN 1002 – Labor

Program Manger:
Costs were incurred during this period to support time spent by Metabiota Program Manager (b)(6) (b)(6) oversaw all day to day project activities in support of One Health Epidemiology South Africa. (b)(6) ead bi-weekly project calls with South African Partners CDC-South Africa, USDA-South Africa, and USDA-APHIS South Africa (b)(6) additionally lead calls with DTRA CBEP representation in support of regular client communications. (b)(6) additionally oversaw the development of an in-country agenda purposed to provide the Metabiota project team with an opportunity to engage with current and potential One Health Epidemiology stakeholders.

Trainer 1:
Represents the time spent by Metabiota Project Manager (b)(6) in her role as project coordinator during this period. (b)(6) was responsible for attending, recording and offering technical insight during bi-weekly project stakeholder and client calls. (b)(6) provided technical support to the PM and SME 2 during the development of the in-country meeting agenda, and worked to backstop stakeholder communication.

Subject Matter Expert 2:
Represents the time spent by Metabiota Staff Scientist (b)(6) in her role as epidemiology subject matter expert and project technical lead (b)(6) lead the development of the in-country meeting agenda, and provided regular progress updates on her activities to the PM, South African Stakeholders, to DTRA CBEP representation as necessary. (b)(6) additionally participated in all project calls by providing technical expertise to questions raised by other stakeholders.

CLIN 1003 – Materials and Supplies
No materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel
Travel costs were incurred in preparation for FOIA (b)(6) to visit South Africa to review the landscape report and meet with stakeholders. This receipt covers the hotel costs for 3 rooms and corresponding fees for the duration of the trip.

Metabiota						
TD 010 One Health Epi South Africa						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

COURT CLASSIQUE

SUITE HOTEL - PRETORIA

★★★★

Pro Forma Invoice

Attention	(b)(6)	**From**	(b)(6)
Company	Personal Africa	**Tel**	012 344 4420
Tel		**Fax**	086 513 3637
Fax/Email	(b)(6)	**Email**	reservations1@courtclassique.co
Vat Nr		**Date**	3/3/2016

Herewith the pro forma invoice based on the following booking details:

Name	:	(b)(6)
Arrival	:	15.02.16
Departure	:	19.02.16
Res #	:	1947692, 1947963, 1947964

Nights	Qty	Description	Rate		Total	
4	1	Studio Suite Single BB	R	1,160.00	R	4,640.00
4	1	Tourism levy	R	11.60	R	46.40
3	2	Studio Suite Single BB	R	1,160.00	R	6,960.00
3	2	Tourism levy	R	11.60	R	69.60
					R	-
					R	-
					R	-

Court Classique Suite Hotel Bank Details

Absa Bank - Hatfield Branch

Account Number: (b)(4); (b)(6)

Branch Code: 335545

Estimated Cost Breakdown		
Total Balance	R	11,716.00
Nett Total	R	10,277.19
14% VAT	R	1,438.81

Terms & Conditions:

* The total amount is payble 7 working days (Monday - Friday) before guest arrival
* Use your reservation number : *1947692, 1* as reference on the deposit slip / EFT transfer
* Fax proof of payment to 086 513 3637
* Should you wish to pay with credit card - complete authorisation form and return to 086 513 3637

Should you require any further informaiton please do not hesitate to contact me

Kind Regards

(b)(6)

Reservations Department

Court Classique Suite Hotel &

Sentinel Executive Apartments

Vat # 4830167377

TDolo Travel

TD 012 Ukraine Project 2 (UP-2) -Invoiced to Completion Invoice #725. Transitioned to BTRIC.

TD 013 One Health Epi Training - Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan and Nigerian National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015-02/29/2016

CLIN 1002 – Labor

Program Manger:
Costs were incurred during this period to support time spent by Metabiota Program Manager (b)(6) (b)(6) oversaw all day to day project activities in support of One Health Epidemiology training implementation. (b)(6) lead bi-weekly project calls with CDC-Uganda representation in support of regular communication and preparation for implementation of Cohort 10 Module 2 One Health Epidemiology slated to take place in Fort Portal, Uganda in February 2016, and oversaw submission of updates to the Contractor Logistics Services form in support of trainee engagement. (b)(6) additionally lead calls with DTRA CBEP representation in support of regular client communications.

Research and Data Analyst:
Represents the time spent by Metabiota Project Coordinator (b)(6) provided coordination support to the PM during the month of January to include: participating in, and taking minutes during all project and client calls; incorporating necessary information updates into the CLS form in support of Cohort 10 Module 2 training, and coordination of travel preparation meetings. (b)(6) (b)(6) served in this capacity between the dates of January 16-31st.
These hours additionally represent time spent by Metabiota Project Coordinator (b)(6) provided coordination support to the PM during the month of January to include: participating in, and taking minutes during all project and client calls. (b)(6) served in this capacity between the dates of January 4-15th.

Trainer 1:
Metabiota Epidemiologis (b)(6) was engaged during this month to participate in bi-weekly project calls, and to offer insights as necessary regarding preparation for training implementation.

Subject Matter Expert 3:
Metabiota Senior Scientist (b)(6) was engaged during this month to participate in bi-weekly project calls, and to offer insights as necessary regarding preparation for training implementation.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced during this period.

CLIN 1005 – Travel

Hotel costs were incurred in preparation for (b)(6) and JP Gonzalez to travel to Uganda to execute the final Cohort training module. The costs cover one night for (b)(6) in Entebbe and a 5 night stay for (b)(6) and (b)(6) at the training site.

Metabiota						
TD 013 One Health Epi						
CLIN 1002 Labor						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Airport View Hotel

Tax Invoice

TIN NO: 1000337347
VAT NO 43844 U

34 Kwefu Close, Entebbe
P.O Box 247 Entebbe
Tel: +256 312 261751 / 755
Mob: +256772221881/ 772507975/ 772200391
Email: airportviewhotel@gmail.com
www.airportviewhotelugnda.com

NO. AVH/META/0007

Meeting and Travel Coordinator
Metabiota Inc., AEP Program

Email: (b)(6)
Work:
Mobile
Skype

11th January 2016

Attention: Valentyna Anguelina

REF: Accommodation for FOIA (b)(6) on 30th January 2016

Date 2016	Particulars	No. of Days	No. of People	Rate (USD)	Total (USD)
30th January	1. Accommodation Inclusive of; ➢ Breakfast (full English breakfast); ➢ Airport transfer ➢ 4G Wi Fi. ➢ Taxes.	1	3	120	360
	Subtotal				360
	Bank charges (if payment is by Bank-EFT)				15
	TOTAL				375

Bank details if payment is by Bank Transfer:

Beneficiary Bank	:	Stanbic Bank Uganda Limited
Beneficiary Branch	:	Entebbe Main
Beneficiary	:	Airport View Hote
Beneficiary's Account Number	:	(b)(4); (b)(6)
SWIFT CODE	:	SBICUGKX
Currency	:	USD

Thank you for choosing Airport View Hotel

Prepared by: (b)(6)

Checked by: (b)(6)

TD 013 Travel 1



PROFORMA INVOICE

TO:	(b)(6) (b)(6)	**Date**	**12.01.2016**
Contact Pers			
			Mountains Of The Moon
Contact No.		**Bank Account Details :**	**Hotel(2000) Ltd**
Check In	**31st Jan 2016**	**Branch Code**	**Fortportal Branch**
Check Out	**6th Feb 2016**	**Bank Name**	**Stanbic bank**
Status		**usd. A/C**	**9030008022711**
Telephone	(b)(6)	**TIN**	**1000893223**
Email Adress		**VAT**	**10287-S**

Description	**No**	**Days**	**Unit Price**	**Totals**
deluxe double	4	6	**S** 140.00	**S** 3,360.00
			Net Total	**S** 3,360.00

TD 03 True! 2

TD 014 Grant Writing Mentorship and Workshop – Kenya

Objectives

The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 07/02 15-04 30/16

CLIN 1002 – Labor

Program Manager:

Represents the time spent by Metabiota Program Manage[(b)(6)] in support of preparations for the Kenya Writing Workshop. [(b)(6)] lead bi-weekly stakeholder conference calls with Kenyan point of contact[(b)(6)], and DTRA CBEP representation.[(b)(6)] oversaw the adjustment of previously submitted CDRLs in support of changing and developing landscape needs. He worked with AEP leadership in an effort to identify appropriate technical SMEs[(b)(6)] additionally maintained communications with DTRA CBEP representation regarding the need to offer adjustments to the standing TD in support of[(b)(6)] request and justification for additional hours.

Subject matter 1:

Represents the time spent by Metabiota Project Manager[(b)(6)] n support of this project. [(b)(6)] [(b)(6)] lead coordination efforts and provided technical support to the updating of CDRL documents including the CLS form.[(b)(6)] attended, recorded, and provided technical insight as necessary during bi-weekly calls. She additionally provided support to the PM and AEP leadership in the onboarding of technical SMEs for this effort.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota						
TD 014 Kenya Grants						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 015 Health Informatics Support Services – Vietnam - Invoiced to completion on Invoice #239

TD 016 Georgia GIS

Objectives

Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

Costs incurred during this period by (b)(6) were for coordination of efforts with the GIS SME team at University of Florida and the CBR project teams. Specific activities included submitting and clarifying travel authorization request and finalizing travel logistics for TM Blackburn (b)(6) also worked on finalizing the subcontract with University of Florida. Costs for the UF team have not yet been accrued or invoiced.

Subject matter expert 1:

No subject matter expert costs are being invoiced during this period.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced during this period.

Metabiota						
TD 016 Georgia GIS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 017 Georgia SME Grantsmanship

Objectives

Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

Costs incurred during January for this effort for (b)(6) were for management oversight of all project activities (b)(6) held communications via phone and email with SMEs to discuss final travel logistics, agenda for mentoring trip, and details of mentoring plan (b)(6) also held communications via phone and email with the DTRA Country Manager and A&AS support to discuss project status and issues including WAWF training of NCDC personnel (b)(6) also communicated with (b)(6) (b)(6) at LMA regarding the identification of mentees and in-country mentorship logistics.

Subject matter expert 1:

No subject matter expert 1 costs are being invoiced during this period.

Subject Matter Expert 2:

Costs incurred for (b)(6) and (b)(6) were for the implementation of project activities. SMEs developed an on-site mentorship agenda for the early February mentorship visit. SMEs coordinated with (b)(6) to confirm participant identities and conduct preliminary discussions regarding research topics. SMEs assisted in searching for potential funding opportunities. SMEs finalized travel and logistical arrangements for 31 January – 6 February trip.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

Costs invoiced represent a partial accounting of expenses for the late January/early February mentoring trip; largely they reflect airline ticket expenses. Costs for (b)(6) are listed in full; costs for (b)(6) have been prorated at 40% as we engaged in cost sharing with some of her other contracts that required her to be in Tbilisi at the same time, as (b)(6) spent 40% of her time on TD-017 related efforts.

Metabiota						
TD 017 Georgia SME						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

[redacted]

[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	Invoice [redacted]	[redacted]
[redacted]	[redacted]	Terms	[redacted]
[redacted]	[redacted]	Due on	[redacted]

WBS Description	Total Budget	Remaining Funds	Prior Month Cumulative	Current Month	Current Cumulative	Expended
LABOR	$ 78,000.00	$ 47,812.50	$ 22,912.50	$ 7,275.00	$ 30,187.50	39%
TRAVEL	$ 10,000.00	$ 6,757.24	$	$ 3,242.76	$ 3,242.76	32%
	$ 88,000.00	$ 54,569.74	$ 22,912.50	$ 10,517.76	$ 33,430.26	38%

	Current Month			Cumulative	
Description LABOR	Rate ($)	Hours	Total	Hours	Total
[redacted]	150.00	13.75	$ 1,987.50	[redacted]	$ [redacted]
[redacted]	150.00	0.00	$	[redacted]	$
[redacted]	150.00	35.25	$ 5,287.50	[redacted]	$ [redacted]
TOTAL		48.50	$ 7,275.00	201.25	$ 27,900.00

FOIA (b)(6)

TOTAL	$ [redacted]
Payments/Credits	$
Balance Due	$ 10,517.76

By [redacted] payment [redacted] [redacted] [redacted]

EXPENSE REPORT

AVILA SCIENTIFIC

Name (b)(6)

Expense Report 1602007

Employee ID 14002

M&IE. http://apprals.state.gov/web930/per_diem.asp

GSA Mileage: $0.54 per mile

Country Name	Primary Destination	County	Season End	Maximum Lodging Rate	M & IE Rate	Maximum Per Diem Rate
GEORGIA	Tbilisi		31 Dec 16	$ 236.00	$ 105.00	$ 341.00

AMOUNT DUE: $ 892.50

TRIP	TRAVELLER	TOTAL	START DATE	END DATE	DEFAULT LOCATION	DESCRIPTION
Georgia Jan 2016	FOIA (b)(6)	$ 892.50	29 Jan 16	6 Feb-16	Tbilisi, Georgia	BTR CGG, JTP & CBR/TAP administration, CRDF Georgia - Scientific technical advisor, Metabiota - Grantsmanship mentoring oversight

PROJECT	WBS	PERCENTAGE	Charge
CH2M HILL (30040-7-300253)	JTP/WEP Implementation	20.0%	$ 178.50
	CBR/TAP Administration	20.0%	$ 178.50
CRDF Georgia (CG-B601-11)	Travel	20.0%	$ 178.50
Metabiota (2015-22-OTHA)	Travel	40.0%	$ 357.00

TOTAL $ 892.50

Date	Travel Item	Cost	Payment Type	Description
29-Jan-16	M&IE	78.75	CASH	M&IE Tbilisi (75% first day of travel)
30-Jan-16	M&IE	105.00	CASH	M&IE Tbilisi
31 Jan 16	M&IE	105.00	CASH	M&IE Tbilisi
1-Feb-16	M&IE	105.00	CASH	M&IE Tbilisi
2 Feb-16	M&IE	105.00	CASH	M&IE Tbilisi
3 Feb 16	M&IE	105.00	CASH	M&IE Tbilisi
4-Feb-16	M&IE	105.00	CASH	M&IE Tbilisi
5-Feb-16	M&IE	105.00	CASH	M&IE Tbilisi
6 Feb-16	M&IE	78.75	CASH	M&IE Tbilisi (75% last day of travel)

Amount due to card 0.00
Amount due to employee 892.50

Bringing this state sent, certify that I have followed all Avila Scientific company expense reporting policies.

Expense report submitted by (b)(6) Date 2/17/2016

Expense report approved by Date 2/17/2016

EXPENSE REPORT

AVILA SCIENTIFIC

Name (b)(6)

Employee ID 15011

Expense Report 1602C06

M&IE: [illegible] GSA Mileage 50.54 per mile

Country Name	Primary Destination	County	Season End	Maximum Lodging Rate	M & IE Rate	Maximum Per Diem Rate
GEORGIA	Tbilisi		31 Dec 16	$ 236.00	$ 105.00	$ 341.00

AMOUNT DUE $ 3,111.12

TRIP	TRAVELLER	TOTAL	START DATE	END DATE	DEFAULT LOCATION	DESCRIPTION
Grantsmanship Georgia	FOIA (b)(6)	$ 3,111.12	29 Jan 16	6 Feb 16	Tbilisi, Georgia	Mentorship training at LMA

PROJECT	WBS	PERCENTAGE	Charge
Metabiota	Travel	100.0%	$ 3,111.12

TOTAL $ 3,111.12

Date	Travel Item	Cost	Payment Type	Description
29 Jan 16	M&IE	78.75	CASH	M&IE Tbilisi (75% first day of travel
30 Jan 16	Transport	30.37	AMEX	Taxi from TBS to Tbilisi Marriott, 75 GEL inc VAT
30 Jan 16	M&IE	105.00	CASH	M&IE Tbilisi
30 Jan 16	Hotel	236.18	AMEX	Hotel (AMEX XRATE $1 : 2.469996538 GEL)
30 Jan 16	Hotel Tax	42.51	AMEX	Hotel VAT (18%)
31 Jan 16	M&IE	105.00	CASH	M&IE Tbilisi
31 Jan 16	Hotel	236.18	AMEX	Hotel (AMEX XRATE $1 : 2.469996538 GEL)
31 Jan 16	Hotel Tax	42.51	AMEX	Hotel VAT (18%)
1 Feb 16	M&IE	105.00	CASH	M&IE Tbilisi
1 Feb 16	Hotel	236.18	AMEX	Hotel (AMEX XRATE $1 : 2.469996538 GEL)
1 Feb 16	Hotel Tax	42.51	AMEX	Hotel VAT (18%)
2 Feb 16	M&IE	105.00	CASH	M&IE Tbilisi
2 Feb 16	Hotel	236.02	AMEX	Hotel (AMEX XRATE $1 : 2.469996538 GEL)
2 Feb 16	Hotel Tax	42.48	AMEX	Hotel VAT (18%)
3 Feb 16	M&IE	105.00	CASH	M&IE Tbilisi
3 Feb 16	Hotel	236.61	AMEX	Hotel (AMEX XRATE $1 : 2.469996538 GEL)
3 Feb 16	Hotel Tax	42.59	AMEX	Hotel VAT (18%)
4 Feb 16	M&IE	105.00	CASH	M&IE Tbilisi
4 Feb 16	Hotel	238.29	AMEX	Hotel (AMEX XRATE $1 : 2.469996538 GEL)
4 Feb 16	Hotel Tax	42.89	AMEX	Hotel VAT (18%)
5 Feb 16	M&IE	105.00	CASH	M&IE Tbilisi
5 Feb 16	Hotel	238.37	AMEX	Hotel (AMEX XRATE $1 : 2.469996538 GEL)
5 Feb 16	Hotel Tax	42.91	AMEX	Hotel VAT (18%)
6 Feb 16	M&IE	78.75	CASH	M&IE Tbilisi (75% last day of travel
6 Feb 16	Transport	202.02	CASH	Parking (01/29/16 - 02/06/16
6 Feb 16	Other	5.00	CASH	Foreign ATM Fee
6 Feb 16	Transport	25.00	CASH	Taxi from ROA to Blacksburg

Amount due to Card 1,986.60
Amount due to employee 1,124.52

By signing this statement, I certify that I have followed Avila Scientific company expense reporting policies

Expense report submitted by (b)(6) Date 2/17/2016

Expense report approved by (b)(6) Date 2/17/2016

MARRIOTT

(b)(6)
United States

INFORMATION INVOICE

Date : 06-02-16

Folio No. :

Guest Name: (b)(6)

Room No.	532
Arrival	30-01-16
Departure	06-02-16
Page No.	1 of 2
Cashier No.	43
Conf No.	93514164
MRW No.	XXXXX7919

Date	Text		Charges GEL		Credits GEL
30-01-16	Taxi Manual Pick up		63.56	$25.73	
30-01-16	VAT 18%		11.44		
30-01-16	Accomodation, bin	236 USD / .404547109511=583.36839	583.37		
30-01-16	VAT 18%		105.01		
31-01-16	Accomodation, bin	236 USD / .404547109511=583.36839	583.37		
31-01-16	VAT 18%		105.01		
01-02-16	Accomodation, bin	236 USD / .404547109511=583.36839	583.37		
01-02-16	VAT 18%		105.01		
02-02-16	Accomodation, bin	236 USD / .404825520201=582.96719	582.97		
02-02-16	VAT 18%		104.93		
03-02-16	Accomodation, bin	236 USD / .40382829221=584.40680	584.41		
03-02-16	VAT 18%		105.19		
04-02-16	Accomodation, bin	236 USD / .400978387265=588.56039	588.56		
04-02-16	VAT 18%		105.94		
05-02-16	Accomodation, bin	236 USD / .400833734167=588.77280	588.77		
05-02-16	VAT 18%		105.98		
05-02-16	Manual - American Express (b)(4); (b)(6)				4,906.89

AMEX Charge: $1,986.60
$1 = 2.469978858 GEL

I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company or association fails to pay for the part or full amount of these charges.

ამ ანგარიშის [illegible] ვიღებ პასუხისმგებლობას [illegible] ან ასოციაცია გადაიხდის [illegible] ანგარიშსწორ[illegible]ობას.

Guest's signature/სტუმრის ხელმოწერა

THILISI MARRIOTT HOTEL
13 RUSTAVELI AVENUE
0108 TBILISI, GEORGIA (REPUBLIC OF)
T. 995 32 2779210
F. 995 32 2779210

MARRIOTT

(b)(6)

United States

INFORMATION INVOICE

Date : 06-02-16

Folio No. :

Guest Name (b)(6)

Room No.	532
Arrival	30-01 16
Departure	06-02-16
Page No.	2 of 2
Cashier No.	43
Conf No.	93514164
MRW No.	XXXXX7919

Date	Text	Charges GEL	Credits GEL
	Total:	4,906.89	4,906.89

Balance	**0.00**	**GEL**
Total incl. VAT	**4,906.89**	**GEL**
Total excl. VAT	**4,158.38**	**GEL**
VAT 18%	**748.51**	**GEL**

The mentioned total in USD is based on today's currency exchange rate to GEL: 0.4010 USD = 1 GEL
Total amount is: 1967.56 USD
Please be advised, that the mentioned total amount in USD may differ from the amount in USD being charged by your credit card vendor, due to a possible difference in the applied exchange rate to USD.

Your Marriott Rewards Points/Frequent Flyer Miles earned will be credited to your account and will appear on your next statement.

We will credit your Frequent Flyer account.

Tell a friend about Marriott Rewards, you'll both get 1,000 points when they stay – up to five friends, five stays each.
That's up to 25,000 points for you Refer Friends Get Points' See details at MarriottRewards.com/Friend

Merchant ID:
Transaction ID / Amount: 10086907 4906.89
App. Code / Amount: 4906.89

Credit Card # / Exp (b)(4); (b)(6) XX/XX
Capture Method : Manual

I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company or association fails to pay for the part or full amount of these charges.
მე ვადასტურებ, რომ თავს არ ვარიდებ ანგარიშის გადახდას და პირადად ვიღებ პასუხისმგებლობას, რომ ეფუმნული პირი ნება, ეკომპანია ან ასოციაცია გადაიხდის დანახარჯის მაგლ 7 ... ნობას.

TBILISI MARRIOTT HOTEL
19 RUSTAVELI AVENUE
GEORGIA, GEORGIA 0108
F: 935.32 2779210

Guest's signature/სტუმრის ხელმოწერა

ინვოისი / Invoice № 6

ქ. თბილისი / Tbilisi

თარიღი / Date: 05 / 02 / 2016

"შემსრულებლის" რეკვიზიტები / Executor:

დასახელება / Company Name:	შპს „ლაქი ტური“
საიდენტიფიკაციო კოდი / ID:	404501936
მისამართი / Address:	ქ. თბილისი, მ. ბროსეს № 9
მომსახურე ბანკი / Bank Name:	სს „პრო კრედიტ ბანკი“
ბანკის კოდი / Bank Code:	MIBGGE22
ანგარიშსწორების ანგარიში / Bank Account:	GE59PC0483400100000010

"დამკვეთის" რეკვიზიტები / Customer:

დასახელება / Company Name:	Avila Scientific
საიდენტიფიკაციო კოდი / ID:	
მისამართი / Address:	2000 Kraft Drive, STE 1108, Blacksburg, VA, 24060 USA
მომსახურე ბანკი / Bank Name:	
ბანკის კოდი / Bank Code:	
ანგარიშსწორების ანგარიში / Bank Account:	

მომსახურება / Service:

თანხები მოცემულია დ ღ გ - ს ჩათვლით:

Including VAT

მომსახურების დასახელება/Type of service:	სატრანსპორტო მომსახურება/Transportation
ჩასარიცხი თანხა / Sum Total:	**498.78 ლარი (GEL)**

შპს „ლაქი ტური“ - ის დირექტორი / Director of the Company: FOIA (b)(6)

სს "პროკრედიტ ბანკის" თავისუფლების მოედნის სერვის პუნქტი
JSC ProCredit Bank Freedom Square Service Point
ბანკის კოდი / Swift code: MIBGGE22

პროკრედიტ ბანკი
ProCredit Bank
Georgia

05/02/2016 15:02:35

სალაროს შემოსავლის ორდერი / Cash Deposit Receipt № 426514945

5 თებერვალი/February 2016

		დებეტი/Debit	თანხა/Amount
თანხის შემომტანი Depositor	ტერეზა ბერნადეტე ჰუვარ	GE46PC9100302018001158	498.78
მიმღები Recipient	შპს ლაქი ტური	კრედიტი/ Credit GE59PC0483400100000010	GEL
თანხა სიტყვიერად Amount in words	ოთხასოთხმოცდათვრამეტი ლარი 78 თეთრი		
გადახდის დანიშნულება Purpose of Payment	ტრანსპორტირების საფასური, ინვოისი#6,		
შემომტანის საბუთი Depositor ID	უცხო ქვეყნის პასპორტი : 510559727 Unitid States Department of state 09.08.2013 - 08.08.2023		

(b)(6)

შტამპის ადგილი
Stamp here

TD 018 Georgia Visiting Scientist Genomics

Objectives

Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

Costs incurred during January for this effort for (b)(6) were for management oversight of all project activities. (b)(6) held communications via phone and email with Visiting Scientist to discuss work and any issues that may have arisen. (b)(6) also held communications via phone and email with the DTRA Country Manager and A&AS support to discuss project status and issues.

Subject matter 1:

Costs incurred during January for this effort for (b)(6) to assist in programmatic oversight of all project activities. (b)(6) participated in communications via phone and email with Visiting Scientist to discuss work and any issues that may have arisen. She also participated in communications via phone and email with the DTRA Country Manager and A&AS support to discuss project status and issues.

Visiting Scientist

Costs incurred during January for this effort were for (b)(6) to provide genomics and bioinformatics mentoring to staff at the Lugar Center in Tbilisi, Georgia. (b)(6) mentored Georgian scientists on next-generation sequencing methods and data analysis, including a review of the physical processes underlying sequencing technology to support better overall understanding, an introduction to alternate software packages, mentoring on the components of draft genome reports, comparative genomics, genome annotation, and more.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs

DBA insurance was applied for labor costs incurred overseas. Metabiota maintains a blanket DBA policy for all personnel and coverage for (b)(6) was added. Costs will be invoiced monthly as appropriate.

CLIN 1005 – Travel

No travel related costs are being invoiced during this period.

Metabiota						
TD 018 Georgia Genomics						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Program Manager					Completed by Finance
Project Name	**Project Code**	**Name**	**SUB/IC/EMP**	**Total Hours**	**to Apply to program**
TD 01 Cameroon PPE	01021.02.001.PPE.04				$ -
TD 02 KZ	01021.02.002.KZK.04				$ -
TD 04 MESA	01021.02.004.MSA.04				$ -
TD 09 NHLS	01021.02.009.NHL.04		Sub		$ -
			Sub		$ -
			Sub		$ -
			Sub		$ -
			Sub		$ -
TD 10 OHERSA	01021.02.010.OHS.04				$ -
TD 11 TAP	01021.02.011.TAP.04				$ -
TD 13 OHE	01021.02.013.OHE.04		IC		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 14 Kenya	01021.02.014.KEN.04				$ -
TD 16 Georgia GIS	01021.02.016.GIS.04				$ -
TD 17 Georgia SME	01021.02.017.GSM.04				$ -
TD 18 Georgia Genomics	01021.02.018.GGM.04		Sub	112.00	$ 431.20
TD 19 Georgia Micro	01021.02.019.GMC.04		EMP	136.50	$ 287.11
					$ -
		Total to amortize from Prepaid Insurance account:			**$ 718.31**

FOIA (b)(4)

(b)(6)

DOC ID 018

TD 019 Georgia Visiting Scientist Microbiology

Objectives
Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:
Costs incurred during January for this effort for (b)(6) were for management oversight of all project activities. (b)(6) held communications via phone and email with Visiting Scientist to discuss work and any issues that may have arisen (b)(6) also held communications via phone and email with the DTRA Country Manager and A&AS support to discuss project status and issues.

Subject matter 1:
Costs incurred during January for this effort for (b)(6) to assist in programmatic oversight of all project activities. (b)(6) participated in communications via phone and email with Visiting Scientist to discuss work and any issues that may have arisen. She also participated in communications via phone and email with the DTRA Country Manager and A&AS support to discuss project status and issues.

Visiting Scientist
Costs incurred during January for this effort were for (b)(6) to provide microbiology and other general scientific mentoring to Georgian scientists at NCDC and LMA. (b)(6) continued assisting Lugar Center and Batumi staff with troubleshooting of the PCR protocols and reagents for the avian influenza CBR work with University of Cambridge. He also communicated with project leads and compared issues seen at Lugar Center against issues at Batumi (b)(6) mentored LMA staff on a microscopic agglutination test (MAT) for tularemia. He also mentored their scientists working on procurements for anthrax and leptospirosis diagnostics. He also coordinated communications between LMA staff and (b)(6) egarding a BAA submission on African swine fever. Lastly, he mentored LMA staff in technical writing related to an upcoming quarterly report.

CLIN 1003 – Materials and Supplies
No materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs
DBA insurance was applied for labor costs incurred overseas. Metabiota maintains a blanket DBA policy for all personnel and coverage for (b)(6) was added. Costs will be invoiced monthly as appropriate.

CLIN 1005 – Travel
No travel related costs are being invoiced for during this period.

Metabiota						
TD 019 Georgia Microbiology						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

Completed by Program Manager					Completed by Finance
Project Name	**Project Code**	**Name**	**SUB/IC/EMP**	**Total Hours**	**FOIA (b)(4) to Apply to program**
TD 01 Cameroon PPE	01021.02.001.PPE.04				$ -
TD 02 KZ	01021.02.002.KZK.04				$ -
TD 04 MESA	01021.02.004.MSA.04				$ -
TD 09 NHLS	01021.02.009.NHL.04	(b)(6)	Sub		$ -
			Sub		$ -
			Sub		$ -
			Sub		$ -
			Sub		$ -
TD 10 OHERSA	01021.02.010.OHS.04				$ -
TD 11 TAP	01021.02.011.TAP.04				$ -
TD 13 OHE	01021.02.013.OHE.04		IC		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 14 Kenya	01021.02.014.KEN.04				$ -
TD 16 Georgia GIS	01021.02.016.GIS.04				$ -
TD 17 Georgia SME	01021.02.017.GSM.04				$ -
TD 18 Georgia Genomics	01021.02.018.GGM.04		Sub	112.00	$ 431.20
TD 19 Georgia Micro	01021.02.019.GMC.04		EMP	136.50	$ 287.11 TD019
					$ -
		Total to amortize from Prepaid Insurance account:			**$ 718.31**

ODC TD 019

TD 020 Gabon Initial Engagement SME Support

Metabiota will provide subject matter expertise in support of a DTRA CBEP funded effort to establish an initial engagement strategy with Gabon.

Period of Performance: 12/15/15 – 01/06/16 (Cancelled)

CLIN 1002 – Labor

Program Manager:

Represents the time spent by Metabiota Program Manager, (b)(6) in both preparing for and attempting to establish bi-weekly communications with DTRA CBEP representation.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota						
TD 020 Gabon						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(6)	FOIA (b)(4)	(b)(6)	1	FOIA (b)(4)	14.5	FOIA (b)(4)
	Total Invoice		1		14.50	

TD 013 One Health Epi Training - Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan and Nigerian National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015-02/29/2016

CLIN 1002 – Labor

Program Manger:
Costs were incurred during this period to support time spent by Metabiota Program Manager (b)(6) (b)(6) oversaw all day to day project activities in support of One Health Epidemiology training implementation (b)(6) lead bi-weekly project calls with CDC-Uganda representation in support of regular communication and preparation for implementation of Cohort 10 Module 2 One Health Epidemiology slated to take place in Fort Portal, Uganda in February 2016, and oversaw submission of updates to the Contractor Logistics Services form in support of trainee engagement (b)(6) additionally lead calls with DTRA CBEP representation in support of regular client communications.

Research and Data Analyst:
Represents the time spent by Metabiota Project Coordinator (b)(6) provided coordination support to the PM during the month of January to include: participating in, and taking minutes during all project and client calls; incorporating necessary information updates into the CLS form in support of Cohort 10 Module 2 training, and coordination of travel preparation meetings (b)(6) (b)(6) served in this capacity between the dates of January 16-31st.
These hours additionally represent time spent by Metabiota Project Coordinator (b)(6) provided coordination support to the PM during the month of January to include: participating in, and taking minutes during all project and client calls. (b)(6) served in this capacity between the dates of January 4-15th.

Trainer 1:
Metabiota Epidemiologis (b)(6) was engaged during this month to participate in bi-weekly project calls, and to offer insights as necessary regarding preparation for training implementation.

Subject Matter Expert 3:
Metabiota Senior Scientist (b)(6) was engaged during this month to participate in bi-weekly project calls, and to offer insights as necessary regarding preparation for training implementation.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced during this period.

CLIN 1005 – Travel

Hotel costs were incurred in preparation for (b)(6), and (b)(6) to travel to Uganda to execute the final Cohort training module. The costs cover one night for (b)(6) in Entebbe and a 5 night stay for (b)(6) and (b)(6) at the training site.

Metabiota						
TD 013 One Health Epi						
CLIN 1002 Labor						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(6)						

Airport View Hotel

Tax Invoice

TIN NO: 1000337347
VAT NO 43844 U

34 Kwafu Close, Entebbe
P.O Box 247 Entebbe
Tel: +256 312 261751 / 755
Mob: +256772221881/ 772507975/ 772200391
Email: airportviewhotel@gmail.com
www.airportviewhotelugnda.com

NO. AVH/META/0007

Meeting and Travel Coordinator
Metabiota Inc., AEP Program

Email: (b)(6)
Work:
Mobil
Skype

11th January 2016

Attention: Valentyna Anguelina

REF: Accommodation for Jean Paul Gonzalez, Edward Jay Miller & Tom Vincent on 30th January 2016

Date 2016	Particulars	No. of Days	No. of People	Rate (USD)	Total (USD)
30th January	1. Accommodation Inclusive of; ➢ Breakfast (full English breakfast); ➢ Airport transfer ➢ 4G Wi Fi. ➢ Taxes.	1	3	120	360
	Subtotal				360
	Bank charges (if payment is by Bank-EFT)				15
	TOTAL				375

Bank details if payment is by Bank Transfer:

Beneficiary Bank	:	Stanbic Bank Uganda Limited
Beneficiary Branch	:	Entebbe Main
Beneficiary	:	Airport View Hote
Beneficiary's Account Number	:	(b)(4); (b)(6)
SWIFT CODE	:	SBICUGKX
Currency	:	USD

Thank you for choosing Airport View Hotel

Prepared by: (b)(6)

Checked by: (b)(6)

TD 013 Travel 1



PROFORMA INVOICE

TO:	**VALIA**	**Date**	**12.01.2016**
Contact Person	Valia		
			Mountains Of The Moon
Contact No.		**Bank Account Details :**	Hotel(2000) Ltd
Check In	31st Jan 2016	**Branch Code**	Fortportal Branch
Check Out	6th Feb 2016	**Bank Name**	Stanbic bank
Status		**usd. A/C**	9030008022711
Telephone		**TIN**	1000893223
Email Adress	(b)(6)	**VAT**	10287-S

Description	No	Days	Unit Price	Totals
deluxe double	4	6	$ 140.00	$ 3,360.00
			Net Total	$ 3,360.00

TD 03 True! 2

TD 014 Grant Writing Mentorship and Workshop – Kenya

Objectives

The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 07/02 15-04 30/16

CLIN 1002 – Labor

Program Manager:

Represents the time spent by Metabiota Program Manage[(b)(6)] n support of preparations for the Kenya Writing Workshop. [(b)(6)] lead bi-weekly stakeholder conference calls with Kenyan point of contact [(b)(6)] and DTRA CBEP representation. [(b)(6)] oversaw the adjustment of previously submitted CDRLs in support of changing and developing landscape needs. He worked with AEP leadership in an effort to identify appropriate technical SMEs. [(b)(6)] additionally maintained communications with DTRA CBEP representation regarding the need to offer adjustments to the standing TD in support of [(b)(6)] request and justification for additional hours.

Subject matter 1:

Represents the time spent by Metabiota Project Manager [(b)(6)] in support of this project. M [(b)(6)] [(b)(6)] lead coordination efforts and provided technical support to the updating of CDRL documents including the CLS form [(b)(6)] attended, recorded, and provided technical insight as necessary during bi-weekly calls. She additionally provided support to the PM and AEP leadership in the onboarding of technical SMEs for this effort.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota						
TD 014 Kenya Grants						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 015 Health Informatics Support Services – Vietnam - Invoiced to completion on Invoice #239

TD 016 Georgia GIS

Objectives

Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

Costs incurred during this period by (b)(6) were for coordination of efforts with the GIS SME team at University of Florida and the CBR project teams. Specific activities included submitting and clarifying travel authorization request and finalizing travel logistics for TM Blackburn. (b)(6) also worked on finalizing the subcontract with University of Florida. Costs for the UF team have not yet been accrued or invoiced.

Subject matter expert 1:

No subject matter expert costs are being invoiced during this period.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced during this period.

Metabiota						
TD 016 Georgia GIS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 017 Georgia SME Grantsmanship

Objectives

Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

Costs incurred during January for this effort for [(b)(6)] were for management oversight of all project activities [(b)(6)] held communications via phone and email with SMEs to discuss final travel logistics, agenda for mentoring trip, and details of mentoring plan. [(b)(6)] also held communications via phone and email with the DTRA Country Manager and A&AS support to discuss project status and issues including WAWF training of NCDC personnel. [(b)(6)] also communicated with [(b)(6)] at LMA regarding the identification of mentees and in-country mentorship logistics.

Subject matter expert 1:

No subject matter expert 1 costs are being invoiced during this period.

Subject Matter Expert 2:

Costs incurred for [(b)(6)] and [(b)(6)] were for the implementation of project activities. SMEs developed an on-site mentorship agenda for the early February mentorship visit. SMEs coordinated with [(b)(6)] to confirm participant identities and conduct preliminary discussions regarding research topics. SMEs assisted in searching for potential funding opportunities. SMEs finalized travel and logistical arrangements for 31 January – 6 February trip.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

Costs invoiced represent a partial accounting of expenses for the late January/early February mentoring trip; largely they reflect airline ticket expenses. Costs for [(b)(6)] are listed in full; costs for [(b)(6)] have been prorated at 40% as we engaged in cost sharing with some of her other contracts that required her to be in Tbilisi at the same time. as [(b)(6)] spent 40% of her time on TD-017 related efforts.

Metabiota						
TD 017 Georgia SME						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

EXPENSE REPORT

AVILA SCIENTIFIC

Name: (b)(6)

Expense Report: 1601002

Employee ID: 15011

M&IE: http://aoprals.state.gov/web920/per_diem.asp

GSA Mileage: $0.54 per mile

Country Name	Primary Destination	County	Season End	Maximum Lodging Rate	M & IE Rate	Maximum Per Diem Rate
GEORGIA	Tbilisi		31-Dec-16	$ 236.00	$ 105.00	$ 341.00

AMOUNT DUE: $ 2,316.26

TRIP	TRAVELLER	TOTAL	START DATE	END DATE	DEFAULT LOCATION	DESCRIPTION
Grantsmanship Georgia	FOIA (b)(6)	$ 2,316.26	29-Jan-16	6-Feb-16	Tbilisi, Georgia	JTP & CBR/TAP Administration, NCDC, CMA, NFA, ELIAVA

PROJECT	WBS	PERCENTAGE	Charge
Metabiota	Travel	100.0%	$ 2,316.26

TOTAL $ 2,316.26

Date	Travel Item	Cost	Payment Type	Description
15-Jan-16	airfare	2,316.26	AMEX	Round trip airfare ROA - TBS

Amount due to care 2,316.26
Amount due to employee 0.00

By signing this statement, I certify that [redacted] have followed all Avila Scientific company expense reporting policies.

Expense report submitted by: (b)(6) [redacted] 1/27/2016

Expense report approved by: (b)(6) Date: 1/27/2016

Gmail

(b)(6)

eTicket Itinerary and Receipt for Confirmation FSE1NY

1 message

United Airlines, Inc. <unitedairlines@united.com> Mon, Jan 25, 2016 at 8:52 AM
To (b)(6)

Receipt for confirmation FSE1NY

UNITED | A STAR ALLIANCE MEMBER

United logo link to home page

Issue Date: January 15, 2016

Confirmation: FSE1NY

Check-In >

Traveler information

Traveler	eTicket Number	Frequent FlyerNumber	Seats
[redacted]	0162477140953	UA- (b)(4); (b)(6)	2B/20L/10F/---/20B/21A

FLIGHT INFORMATION

Day, Date	Flight	Class	Departure City and Time	Arrival City and Time	Aircraft	Meal
Fri, 29JAN16	UA4785	U	ROANOKE, VA (ROA) **2:35 PM**	WASHINGTON, DC (IAD - DULLES) **3:47 PM**	Q200	
Flight operated by COMMUTAIR doing business as UNITED EXPRESS with turboprop equipment.						
Fri, 29JAN16	UA106	U	WASHINGTON, DC (IAD - DULLES) **5:20 PM**	MUNICH, GERMANY (MUC) **7:40 AM (30JAN)**	767-400	Dinner
Sat, 30JAN16	LH2556	U	MUNICH, GERMANY (MUC) **10:10 PM**	TBILISI GE (TBS) **5:05 AM (31JAN)**	A-319	
Flight operated by LUFTHANSA.						
Sat, 06FEB16	UA8755	U	TBILISI GE (TBS) **6:00 AM**	MUNICH, GERMANY (MUC) **7:10 AM**	A-319	Breakfast
Flight operated by LUFTHANSA. If this is an originating flight on your itinerary, please check in at the LUFTHANSA ticket counter.						
Sat, 06FEB16	UA953	U	MUNICH, GERMANY (MUC) **12:10 PM**	CHICAGO, IL (ORD - O'HARE) **3:25 PM**	767-300	Lunch
Sat, 06FEB16	UA4108	U	CHICAGO, IL (ORD - O'HARE) **6:15 PM**	ROANOKE, VA (ROA) **8:58 PM**	ERJ-145	Purchase
Flight operated by EXPRESSJET AIRLINES INC. doing business as UNITED EXPRESS. If this is an originating flight on your itinerary, please check in at the UNITED AIRLINES TERM 1 ticket counter.						

FARE INFORMATION

Fare Breakdown

Airfare:	2,168.00	Form of Payment:
USD		AMERICAN EXPRESS
U.S. Customs User Fee:		Last Four Digits 1002
5.50		
U.S. Immigration User Fee:		
7.00		
U.S. APHIS User Fee:		
3.96		
U.S. Transportation Tax:		
35.60		
September 11th Security Fee:		
11.20		
Germany Airport Security Charge:		
6.90		
Germany Passenger Service Charge:		
38.60		
Georgia Airport Tax:		
22.00		
Georgia Airport Passenger Security Fee:		
4.00		
U.S. Passenger Facility Charge:		
13.50		
Per Person Total:	2,316.26	
USD		
eTicket Total:	2,316.26	
USD		

The airfare you paid on this itinerary totals: 2,168.00 USD

The taxes, fees, and surcharges paid total: 148.26 USD

Fare Rules: Additional charges may apply for changes in addition to any fare rules listed.

Add Collect: An additional amount for the difference in fare was charged to AMERICAN EXPRESS AXXXXXXXXXXXX1002 on Friday, January 15, 2016. $20.00 USD per ticket for an additional total of $20.00 USD was collected.

Additional Charges:

Fri., Jan. 15, 2016/American Express 1044 was charged 169 USD for the SST / EDD 01629245690225
169.00 USD for: Economy Plus Seat

Fri., Jan. 15, 2016/American Express 1002 was charged 300 USD for the SST / EDD 01629245671900
300.00 USD for: Change Fee

Fri., Jan. 15, 2016/American Express 1002 was charged 300 USD for the SST / EDD 01629245671896
300.00 USD for: Change Fee

Mon., Jan. 11, 2016/American Express 1002 was charged 169 USD for the SST / EDD 01629242307770
169.00 USD for: Economy Plus Seat

Mon., Jan. 11, 2016/American Express 1002 was charged 159 USD for the SST / EDD 01629242307755
159.00 USD for: Economy Plus Seat

Baggage allowance and charges for this itinerary.

Baggage fees are per traveler

Origin and destination for checked baggage	1st bag	2nd bag	Maximum weight and dimensions per piece of baggage Max wt / dim per piece
1/29/2016 Roanoke, VA (ROA) to Munich, Germany (MUC)	0.00 USD	100.00 USD	50.0lbs (23.0kg) - 62.0in (157.0cm)
1/30/2016 Munich, Germany (MUC) to Tbilisi GE (TBS)	0.00 USD	100.00 USD	50.0lbs (23.0kg) - 62.0in (157.0cm)
2/6/2016 Tbilisi GE (TBS) to Roanoke, VA (ROA)	0.00 USD	100.00 USD	50.0lbs (23.0kg) - 62.0in (157.0cm)

MileagePlus Accrual Details

PRUSSIN/AARONJUSTIN						
Date	Flight	From/To	Award Miles	PQM	PQS	PQD
1/29/2016	4785	Roanoke, VA (ROA)-Washington, DC (IAD - Dulles)	160	177	1	32
1/15/2016 8:55:49 AM	106	Economy Plus Seat-IAD MUC				169
1/11/2016 11:46:56 AM	106	Economy Plus Seat-IAD MUC				169
1/29/2016	106	Washington, DC (IAD - Dulles)-Munich, Germany (MUC)	3780	4267	1	756
1/30/2016	2556	Munich, Germany (MUC)-Tbilisi GE (TBS)	1485	1677	1	297
2/6/2016	8755	Tbilisi GE (TBS)-Munich, Germany (MUC)	1350	1677	1	270
1/11/2016 11:47:01 AM	953	Economy Plus Seat-MUC ORD				159
2/6/2016	953	Munich, Germany (MUC)-Chicago, IL (ORD - O'Hare)	3650	4535	1	730
2/6/2016	4108	Chicago, IL (ORD - O'Hare)-Roanoke, VA (ROA)	430	531	1	86
			Award Miles	PQM	PQS	PQD
Aaronjustin's MileagePlus Accrual totals:			10855	12864	6	2171

Important Information about MileagePlus Earning

- ● Accruals vary based on the terms and conditions of the traveler s frequent flyer program, the traveler s frequent flyer status and the itinerary selected. United MileagePlus® mileage accrual is subject to the rules of the MileagePlus program
- ● Once travel has started, accruals will no longer display. You can view your MileagePlus account for

EXPENSE REPORT

AVILA SCIENTIFIC

Name: (b)(6)

Expense Report: 1601003

Employee ID: 14002

M&IE: http://fopralsstat.gov/web020/per_c_cm.asp

GSA Mileage: $0.54 per mile

Country Name	Primary Destination	County	Season End	Maximum Lodging Rate	M & IE Rate	Maximum Per Diem Rate
GEORGIA	Tbilisi		31-Dec-16	$ 236.00	$ 105.00	$ 341.00

AMOUNT DUE: $ 2,316.26

TRIP	TRAVELLER	TOTAL	START DATE	END DATE	DEFAULT LOCATION	DESCRIPTION
Georgia: Jan 2016	FOIA (b)(6)	$ 2,316.26	29-Jan-16	6-Feb-16	Tbilisi, Georgia	BTRIC GG - JTP & CBR/TAP administration; CRDF Georgia - Scientific technical advisor; Metabiota - Grantsmanship mentoring oversight

PROJECT	WBS	PERCENTAGE	Charge
CH2M HILL (30040 7 100253)	JTP/WEP Implementation	20.0%	$ 463.25
	CBR/TAP Adminstration	20.0%	$ 463.25
CRDF Georgia (CO 8601 11)	Travel	20.0%	$ 463.26
Metabiota (2015-22-DTRA)	Travel	40.0%	$ 926.50

TOTAL	$ 2,316.26			
Date	Travel Item	Cost	Payment Type	Description
15-Jan-16	airfare	2,316.26	AMEX	Round trip airfare ROA - TBS

Amount due to card: 2,316.26
Amount due to employee: 0.00

By signing this statement, I certify that I have followed all Avila Scientific company expense reporting policies.

Expense report submitted by: (b)(6)

Date: 1/27/2016

Expense report approved by (b)(6)

Date: 1/27/2016

From: (b)(6)
To: FOIA (b)(6)
Subject: FW: eTicket Itinerary and Receipt for Confirmation J9XRBB
Date: Friday, January 15, 2016 10:47:29 AM

From: United Airlines, Inc. [mailto:unitedairlines@united.com]
Sent: Friday, January 15, 2016 9:22 AM
To (b)(6)
Subject: eTicket Itinerary and Receipt for Confirmation J9XRBB

Receipt for confirmation J9XRBB

United logo link to home page

Confirmation: J9XRBB

Check-In >

Issue Date: January 15, 2016

Traveler information

Traveler	eTicket Number	Frequent FlyerNumber	Seats
FOIA (b)(6)	0162477140182 0162477140184	UA (b)(4); (b)(6) Premier 1K / *G	---/---/---/---/---/--- ---/---/---/---/---/---

FLIGHT INFORMATION

Day, Date	Flight	Class	Departure City and Time	Arrival City and Time	Aircraft	Meal
Fri, 29JAN16	UA4785	U	ROANOKE, VA (ROA) **2:35 PM**	WASHINGTON, DC (IAD - DULLES) **3:47 PM**	Q200	
Flight operated by COMMUTAIR doing business as UNITED EXPRESS with turboprop equipment.						
Fri, 29JAN16	UA106	U	WASHINGTON, DC (IAD - DULLES) **5:20 PM**	MUNICH, GERMANY (MUC) **7:40 AM (30JAN)**	767-400	Dinner
Sat, 30JAN16	LH2556	U	MUNICH, GERMANY (MUC) **10:10 PM**	TBILISI GE (TBS) **5:05 AM (31JAN)**	A-319	

Flight operated by LUFTHANSA.

Sat, 06FEB16	UA8755U	TBILISI GE (TBS) **6:00 AM**	MUNICH, GERMANY (MUC) **7:10 AM**	A-319	Breakfast

Flight operated by LUFTHANSA.
If this is an originating flight on your itinerary, please check in at the LUFTHANSA ticket counter.

Sat, 06FEB16	UA953 U	MUNICH, GERMANY (MUC) **12:10 PM**	CHICAGO, IL (ORD - O'HARE) **3:25 PM**	767-300	Lunch
Sat, 06FEB16	UA4108U	CHICAGO, IL (ORD - O'HARE) **6:15 PM**	ROANOKE, VA (ROA) **8:58 PM**	ERJ-145	Purchase

Flight operated by EXPRESSJET AIRLINES INC. doing business as UNITED EXPRESS.
If this is an originating flight on your itinerary, please check in at the UNITED AIRLINES TERM 1 ticket counter.

FARE INFORMATION

Fare Breakdown

Form of Payment:
AMERICAN EXPRESS
Last Four Digits 1044

- Airfare: 2,168.00 USD
- U.S. Transportation Tax: 35.60
- September 11th Security Fee: 11.20
- U.S. Customs User Fee: 5.50
- U.S. Immigration User Fee: 7.00
- U.S. APHIS User Fee: 3.96
- Germany Airport Security Charge: 6.90
- Germany Passenger Service Charge: 38.60
- Georgia Airport Tax: 22.00
- Georgia Airport Passenger Security Fee: 4.00
- U.S. Passenger Facility Charge: 13.50

- Per Person Total:

  2,316.26

  USD

- eTicket Total:

  4,632.52

  USD

The airfare you paid on this itinerary totals: 4,336.00 USD

The taxes, fees, and surcharges paid total: 296.52 USD

Fare Rules: Additional charges may apply for changes in addition to any fare rules listed.

-REFUNDABLE/CXLFEE/CHGFEE

TD 018 Georgia Visiting Scientist Genomics

Objectives

Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

Costs incurred during January for this effort for (b)(6) were for management oversight of all project activities. (b)(6) held communications via phone and email with Visiting Scientist to discuss work and any issues that may have arisen. (b)(6) also held communications via phone and email with the DTRA Country Manager and A&AS support to discuss project status and issues.

Subject matter 1:

Costs incurred during January for this effort for (b)(6) to assist in programmatic oversight of all project activities. (b)(6) participated in communications via phone and email with Visiting Scientist to discuss work and any issues that may have arisen. She also participated in communications via phone and email with the DTRA Country Manager and A&AS support to discuss project status and issues.

Visiting Scientist

Costs incurred during January for this effort were for (b)(6) to provide genomics and bioinformatics mentoring to staff at the Lugar Center in Tbilisi, Georgia. (b)(6) mentored Georgian scientists on next-generation sequencing methods and data analysis, including a review of the physical processes underlying sequencing technology to support better overall understanding, an introduction to alternate software packages, mentoring on the components of draft genome reports, comparative genomics, genome annotation, and more.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs

DBA insurance was applied for labor costs incurred overseas. Metabiota maintains a blanket DBA policy for all personnel and coverage for (b)(6) was added. Costs will be invoiced monthly as appropriate.

CLIN 1005 – Travel

No travel related costs are being invoiced during this period.

Metabiota						
TD 018 Georgia Genomics						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Program Manager					Completed by Finance
Project Name	**Project Code**	**Name**	**SUB/IC/EMP**	**Total Hours**	**to Apply to program**
TD 01 Cameroon PPE	01021.02.001.PPE.04				$ -
TD 02 KZ	01021.02.002.KZK.04				$ -
TD 04 MESA	01021.02.004.MSA.04				$ -
TD 09 NHLS	01021.02.009.NHL.04		Sub		$ -
			Sub		$ -
			Sub		$ -
			Sub		$ -
			Sub		$ -
TD 10 OHERSA	01021.02.010.OHS.04				$ -
TD 11 TAP	01021.02.011.TAP.04				$ -
TD 13 OHE	01021.02.013.OHE.04		IC		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 14 Kenya	01021.02.014.KEN.04				$ -
TD 16 Georgia GIS	01021.02.016.GIS.04				$ -
TD 17 Georgia SME	01021.02.017.GSM.04				$ -
TD 18 Georgia Genomics	01021.02.018.GGM.04		Sub	112.00	$ 431.20
TD 19 Georgia Micro	01021.02.019.GMC.04		EMP	136.50	$ 287.11
					$ -
		Total to amortize from Prepaid Insurance account:			**$ 718.31**

FOIA (b)(4)

(b)(4)

ODC TD18

TD 019 Georgia Visiting Scientist Microbiology

Objectives
Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:
Costs incurred during January for this effort fo[(b)(6)] were for management oversight of all project activities. [(b)(6)] held communications via phone and email with Visiting Scientist to discuss work and any issues that may have arisen. [(b)(6)] also held communications via phone and email with the DTRA Country Manager and A&AS support to discuss project status and issues.

Subject matter 1:
Costs incurred during January for this effort for [(b)(6)] to assist in programmatic oversight of all project activities. [(b)(6)] participated in communications via phone and email with Visiting Scientist to discuss work and any issues that may have arisen. She also participated in communications via phone and email with the DTRA Country Manager and A&AS support to discuss project status and issues.

Visiting Scientist
Costs incurred during January for this effort were fo[(b)(6)] to provide microbiology and other general scientific mentoring to Georgian scientists at NCDC and LMA. [(b)(6)] continued assisting Lugar Center and Batumi staff with troubleshooting of the PCR protocols and reagents for the avian influenza CBR work with University of Cambridge. He also communicated with project leads and compared issues seen at Lugar Center against issues at Batumi. [(b)(6)] mentored LMA staff on a microscopic agglutination test (MAT) for tularemia. He also mentored their scientists working on procurements for anthrax and leptospirosis diagnostics. He also coordinated communications between LMA staff and [(b)(6)] regarding a BAA submission on African swine fever. Lastly, he mentored LMA staff in technical writing related to an upcoming quarterly report.

CLIN 1003 – Materials and Supplies
No materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs
DBA insurance was applied for labor costs incurred overseas. Metabiota maintains a blanket DBA policy for all personnel and coverage for [(b)(6)] was added. Costs will be invoiced monthly as appropriate.

CLIN 1005 – Travel
No travel related costs are being invoiced for during this period.

Metabiota						
TD 019 Georgia Microbiology						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

Completed by Program Manager					Completed by Finance
Project Name	**Project Code**	**Name**	**SUB/IC/EMP**	**Total Hours**	**to Apply to program**
TD 01 Cameroon PPE	01021.02.001.PPE.04				$ -
TD 02 KZ	01021.02.002.KZK.04				$ -
TD 04 MESA	01021.02.004.MSA.04				$ -
TD 09 NHLS	01021.02.009.NHL.04		Sub		$ -
			Sub		$ -
			Sub		$ -
			Sub		$ -
			Sub		$ -
TD 10 OHERSA	01021.02.010.OHS.04				$ -
TD 11 TAP	01021.02.011.TAP.04				$ -
TD 13 OHE	01021.02.013.OHE.04		IC		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 14 Kenya	01021.02.014.KEN.04				$ -
TD 16 Georgia GIS	01021.02.016.GIS.04				$ -
TD 17 Georgia SME	01021.02.017.GSM.04				$ -
TD 18 Georgia Genomics	01021.02.018.GGM.04		Sub	112.00	$ 431.20
TD 19 Georgia Micro	01021.02.019.GMC.04		EMP	136.50	$ 287.11
					$ -
		Total to amortize from Prepaid Insurance account:			**$ 718.31**

FOIA (b)(4)

(b)(6)

TD019

ODC TD 019

TD 020 Gabon Initial Engagement SME Support

Metabiota will provide subject matter expertise in support of a DTRA CBEP funded effort to establish an initial engagement strategy with Gabon.

Period of Performance: 12/15/15 – 01/06/16 (Cancelled)

CLIN 1002 – Labor

Program Manager:

Represents the time spent by Metabiota Program Manager (b)(6) in both preparing for and attempting to establish bi-weekly communications with DTRA CBEP representation.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota						
TD 020 Gabon						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 011 Ukraine TADR Activity Project 4 (TAP-4)

Objectives
The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/16/2015 - 01/31/2016

CLIN 1002 – Labor

Program Manager:
Costs incurred during this period by (b)(6) were for the drafting, finalization, and submission of the TAP-4 final report.

Trainer 1:
Costs incurred during this period by (b)(6) were for the drafting and finalization of the TAP-4 final report.

CLIN 1003 – Materials and Supplies
No material costs were incurred during this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel
No travel costs are being invoiced for during this period.

Metabiota						
TD 011 TAP 4						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 012 Ukraine Project 2 (UP-2) -Invoiced to Completion Invoice #725. Transitioned to BTRIC.

TD 013 One Health Epi Training - Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan and Nigerian National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015-02/29/2016

CLIN 1002 – Labor

Program Manger:
Costs were incurred during this period to support time spent by Metabiota Program Manager (b)(6) oversaw all day to day project activities in support of One Health Epidemiology training implementation (b)(6) ead bi-weekly project calls with CDC-Uganda representation in support of regular communication and preparation for implementation of Cohort 10 Module 2 One Health Epidemiology slated to take place in Fort Portal, Uganda in February 2016, and oversaw submission of updates to the Contractor Logistics Services form in support of trainee engagement (b)(6) additionally lead calls with DTRA CBEP representation in support of regular client communications.

Research and Data Analyst:
Represents the time spent by Metabiota Project Coordinator (b)(6) provided coordination support to the PM during the month of January to include: participating in, and taking minutes during all project and client calls; incorporating necessary information updates into the CLS form in support of Cohort 10 Module 2 training, and coordination of travel preparation meetings. M (b)(6) (b)(6) served in this capacity between the dates of January 16-31st.
These hours additionally represent time spent by Metabiota Project Coordinato (b)(6) provided coordination support to the PM during the month of January to include: participating in, and taking minutes during all project and client calls. (b)(6) served in this capacity between the dates of January 4-15th.

Trainer 1:
Metabiota Epidemiologist (b)(6) was engaged during this month to participate in bi-weekly project calls, and to offer insights as necessary regarding preparation for training implementation.

Subject Matter Expert 3:
Metabiota Senior Scientist (b)(6) was engaged during this month to participate in bi-weekly project calls, and to offer insights as necessary regarding preparation for training implementation.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced during this period.

CLIN 1005 – Travel

Hotel costs were incurred in preparation for (b)(6) and (b)(6) to travel to Uganda to execute the final Cohort training module. The costs cover one night for (b)(6) in Entebbe and a 5 night stay for (b)(6) and (b)(6) at the training site.

Metabiota						
TD 013 One Health Epi						
CLIN 1002 Labor						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Airport View Hotel

Tax Invoice

TIN NO: 1000337347
VAT NO 43844 U

34 Kwefu Close, Entebbe
P.O Box 247 Entebbe
Tel: +256 312 261751 / 755
Mob: +256772221881/ 772507975/ 772200391
Email: airportviewhotel@gmail.com
www.airportviewhoteluganda.com

NO. AVH/META/0007

Meeting and Travel Coordinator
Metabiota Inc., AEP Program

Email (b)(6)
Work
Mobil
Skype

11th January 2016

Attention: FOIA (b)(6)

REF: Accommodation for FOIA (b)(6) on 30th January 2016

Date 2016	Particulars	No. of Days	No. of People	Rate (USD)	Total (USD)
30th January	1. Accommodation Inclusive of; ➢ Breakfast (full English breakfast); ➢ Airport transfer ➢ 4G Wi Fi; ➢ Taxes.	1	3	120	360
	Subtotal				360
	Bank charges (if payment is by Bank-EFT)				15
	TOTAL				375

Bank details if payment is by Bank Transfer:

Beneficiary Bank	:	Stanbic Bank Uganda Limited
Beneficiary Branch	:	Entebbe Main
Beneficiary	:	Airport View Hote
Beneficiary's Account Number	:	(b)(4); (b)(6)
SWIFT CODE	:	SBICUGKX
Currency	:	USD

Thank you for choosing Airport View Hotel

Prepared by: (b)(6)

Checked by: (b)(6)

TD 013 Travel 1



PROFORMA INVOICE

TO:	**VALIA**	**Date**	**12.01.2016**
Contact Person	Valia		
			Mountains Of The Moon
Contact No.		**Bank Account Details :**	Hotel(2000) Ltd
Check In	31st Jan 2016	**Branch Code**	Fortportal Branch
Check Out	6th Feb 2016	**Bank Name**	Stanbic bank
Status		**usd. A/C**	9030008022711
Telephone		**TIN**	1000893223
Email Adress	(b)(6)	**VAT**	10287-S

Description	**No**	**Days**	**Unit Price**	**Totals**
deluxe double	4	6	$ 140.00	$ 3,360.00
			Net Total	$ 3,360.00

TD 03 True! 2

TD 014 Grant Writing Mentorship and Workshop – Kenya

Objectives

The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 07/02 15-04 30/16

CLIN 1002 – Labor

Program Manager:

Represents the time spent by Metabiota Program Manager (b)(6) in support of preparations for the Kenya Writing Workshop (b)(6) lead bi-weekly stakeholder conference calls with Kenyan point of contact (b)(6) and DTRA CBEP representation. (b)(6) oversaw the adjustment of previously submitted CDRLs in support of changing and developing landscape needs. He worked with AEP leadership in an effort to identify appropriate technical SMEs. (b)(6) additionally maintained communications with DTRA CBEP representation regarding the need to offer adjustments to the standing TD in support of (b)(6) request and justification for additional hours.

Subject matter 1:

Represents the time spent by Metabiota Project Manager FOIA (b)(6) in support of this project. (b)(6) (b)(6) lead coordination efforts and provided technical support to the updating of CDRL documents including the CLS form. (b)(6) attended, recorded, and provided technical insight as necessary during bi-weekly calls. She additionally provided support to the PM and AEP leadership in the onboarding of technical SMEs for this effort.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota						
TD 014 Kenya Grants						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 015 Health Informatics Support Services – Vietnam - Invoiced to completion on Invoice #239

TD 016 Georgia GIS

Objectives

Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

Costs incurred during this period by (b)(6) were for coordination of efforts with the GIS SME team at University of Florida and the CBR project teams. Specific activities included submitting and clarifying travel authorization request and finalizing travel logistics for FOIA (b)(6), (b)(6) also worked on finalizing the subcontract with University of Florida. Costs for the UF team have not yet been accrued or invoiced.

Subject matter expert 1:

No subject matter expert costs are being invoiced during this period.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced during this period.

Metabiota						
TD 016 Georgia GIS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 017 Georgia SME Grantsmanship

Objectives

Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

Costs incurred during January for this effort for (b)(6) were for management oversight of all project activities. (b)(6) held communications via phone and email with SMEs to discuss final travel logistics, agenda for mentoring trip, and details of mentoring plan. (b)(6) also held communications via phone and email with the DTRA Country Manager and A&AS support to discuss project status and issues including WAWF training of NCDC personnel. (b)(6) also communicated with (b)(6) at LMA regarding the identification of mentees and in-country mentorship logistics.

Subject matter expert 1:

No subject matter expert 1 costs are being invoiced during this period.

Subject Matter Expert 2:

Costs incurred for (b)(6) were for the implementation of project activities. SMEs developed an on-site mentorship agenda for the early February mentorship visit. SMEs coordinated with (b)(6) to confirm participant identities and conduct preliminary discussions regarding research topics. SMEs assisted in searching for potential funding opportunities. SMEs finalized travel and logistical arrangements for 31 January – 6 February trip.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

Costs invoiced represent a partial accounting of expenses for the late January/early February mentoring trip; largely they reflect airline ticket expenses. Costs for (b)(6) are listed in full; costs for (b)(6) have been prorated at 40% as we engaged in cost sharing with some of her other contracts that required her to be in Tbilisi at the same time, as FOIA (b)(6) spent 40% of her time on TD-017 related efforts.

Metabiota						
TD 017 Georgia SME						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

EXPENSE REPORT

AVILA SCIENTIFIC

Name (b)(6) [redacted]

Employee ID 14002

Expense Report 1602007

M&IE. http://approls.state.gov/web930/per_diem.asp

GSA Mileage: $0.54 per mile

Country Name	Primary Destination	County	Season End	Maximum Lodging Rate	M & IE Rate	Maximum Per Diem Rate
GEORGIA	Tbilisi		31 Dec 16	$ 236.00	$ 105.00	$ 341.00

AMOUNT DUE: $ 892.50

TRIP	TRAVELLER	TOTAL	START DATE	END DATE	DEFAULT LOCATION	DESCRIPTION
Georgia Jan 2016	FOIA (b)(6) [redacted]	$ 892.50	29 Jan 16	6 Feb-16	Tbilisi, Georgia	BTR CGG, JTP & CBR/TAP administration, CRDF Georgia - Scientific technical advisor, Metabiota - Grantsmanship mentoring oversight

PROJECT	WBS	PERCENTAGE	Charge
CH2M HILL (30040-7-300253)	JTP/WEP Implementation	20.0%	$ 178.50
	CBR/TAP Administration	20.0%	$ 178.50
CRDF Georgia (CG-B601-11)	Travel	20.0%	$ 178.50
Metabiota (2015-22-OTHA)	Travel	40.0%	$ 357.00

TOTAL $ 892.50

Date	Travel Item	Cost	Payment Type	Description
29-Jan-16	M&IE	78.75	CASH	M&IE Tbilisi (75% first day of travel)
30-Jan-16	M&IE	105.00	CASH	M&IE Tbilisi
31 Jan 16	M&IE	105.00	CASH	M&IE Tbilisi
1-Feb-16	M&IE	105.00	CASH	M&IE Tbilisi
2 Feb-16	M&IE	105.00	CASH	M&IE Tbilisi
3 Feb 16	M&IE	105.00	CASH	M&IE Tbilisi
4-Feb-16	M&IE	105.00	CASH	M&IE Tbilisi
5-Feb-16	M&IE	105.00	CASH	M&IE Tbilisi
6 Feb-16	M&IE	78.75	CASH	M&IE Tbilisi (75% last day of travel)

Amount due to card 0.00
Amount due to employee 892.50

By signing this statement, I certify that I have followed all Avila Scientific company expense reporting policies.

Expense report submitted by (b)(6) [redacted] Date 2/17/2016

Expense report approved by [redacted] Date 2/17/2016

EXPENSE REPORT

AVILA SCIENTIFIC

Name (b)(6)

Expense Report 1602C06

Employee ID 15011

M&IE: [illegible] GSA Mileage 50.54 per mile

Country Name	Primary Destination	County	Season End	Maximum Lodging Rate	M & IE Rate	Maximum Per Diem Rate
GEORGIA	Tbilisi		31 Dec 16	$ 236.00	$ 105.00	$ 341.00

AMOUNT DUE $ 3,111.12

TRIP	TRAVELLER	TOTAL	START DATE	END DATE	DEFAULT LOCATION	DESCRIPTION
Grantsmanship Georgia	FOIA (b)(6)	$ 3,111.12	29 Jan 16	6 Feb 16	Tbilisi, Georgia	Mentorship training at LMA

PROJECT	WBS	PERCENTAGE	Charge
Metabiota	Travel	100.0%	$ 3,111.12

TOTAL $ 3,111.12

Date	Travel Item	Cost	Payment Type	Description
29 Jan 16	M&IE	78.75	CASH	M&IE Tbilisi (75% first day of travel
30 Jan 16	Transport	30.37	AMEX	Taxi from TBS to Tbilisi Marriott, 75 GEL inc VAT
30 Jan 16	M&IE	105.00	CASH	M&IE Tbilisi
30 Jan 16	Hotel	236.18	AMEX	Hotel (AMEX XRATE $1 = 2.469996538 GEL)
30 Jan 16	Hotel Tax	42.51	AMEX	Hotel VAT (18%)
31 Jan 16	M&IE	105.00	CASH	M&IE Tbilisi
31 Jan 16	Hotel	236.18	AMEX	Hotel (AMEX XRATE $1 = 2.469996538 GEL)
31 Jan 16	Hotel Tax	42.51	AMEX	Hotel VAT (18%)
1 Feb 16	M&IE	105.00	CASH	M&IE Tbilisi
1 Feb 16	Hotel	236.18	AMEX	Hotel (AMEX XRATE $1 = 2.469996538 GEL)
1 Feb 16	Hotel Tax	42.51	AMEX	Hotel VAT (18%)
2 Feb 16	M&IE	105.00	CASH	M&IE Tbilisi
2 Feb 16	Hotel	236.02	AMEX	Hotel (AMEX XRATE $1 = 2.469996538 GEL)
2 Feb 16	Hotel Tax	42.48	AMEX	Hotel VAT (18%)
3 Feb 16	M&IE	105.00	CASH	M&IE Tbilisi
3 Feb 16	Hotel	236.61	AMEX	Hotel (AMEX XRATE $1 = 2.469996538 GEL)
3 Feb 16	Hotel Tax	42.59	AMEX	Hotel VAT (18%)
4 Feb 16	M&IE	105.00	CASH	M&IE Tbilisi
4 Feb 16	Hotel	238.29	AMEX	Hotel (AMEX XRATE $1 = 2.469996538 GEL)
4 Feb 16	Hotel Tax	42.89	AMEX	Hotel VAT (18%)
5 Feb 16	M&IE	105.00	CASH	M&IE Tbilisi
5 Feb 16	Hotel	238.37	AMEX	Hotel (AMEX XRATE $1 = 2.469996538 GEL)
5 Feb 16	Hotel Tax	42.91	AMEX	Hotel VAT (18%)
6 Feb 16	M&IE	78.75	CASH	M&IE Tbilisi (75% last day of travel
6 Feb 16	Transport	202.02	CASH	Parking (01/29/16 - 02/06/16
6 Feb 16	Other	5.00	CASH	Foreign ATM Fee
6 Feb 16	Transport	25.00	CASH	Taxi from ROA to Blacksburg

Amount due to Card 1,986.60
Amount due to employee 1,124.52

By signing this statement, I certify that I have followed Avila Scientific company expense reporting policies

Expense report submitted by (b)(6) Date 2/17/2016

Expense report approved by Date 2/17/2016

MARRIOTT

(b)(6)

United States

INFORMATION INVOICE

Date : 06-02-16

Folio No. :

Guest Name (b)(6)

Room No.		532
Arrival	:	30-01-16
Departure	:	06-02-16
Page No.	:	1 of 2
Cashier No.	:	43
Conf No.		93514164
MRW No.		XXXXX7919

Date	Text		Charges GEL	Credits GEL
30-01-16	Taxi Manual		63.56	$25.73
	Pick up			
30-01-16	VAT 18%		11.44	
30-01-16	Accomodation, bin	236 USD / .404547109511=583.36839	583.37	
30-01-16	VAT 18%		105.01	
31-01-16	Accomodation, bin	236 USD / .404547109511=583.36839	583.37	
31-01-16	VAT 18%		105.01	
01-02-16	Accomodation, bin	236 USD / .404547109511=583.36839	583.37	
01-02-16	VAT 18%		105.01	
02-02-16	Accomodation, bin	236 USD / .404825520201=582.96719	582.97	
02-02-16	VAT 18%		104.93	
03-02-16	Accomodation, bin	236 USD / .40382829221=584.406800	584.41	
03-02-16	VAT 18%		105.19	
04-02-16	Accomodation, bin	236 USD / .400978387265=588.56039	588.56	
04-02-16	VAT 18%		105.94	
05-02-16	Accomodation, bin	236 USD / .400833734167=588.77280	588.77	
05-02-16	VAT 18%		105.98	
05-02-16	Manual - American Express			4,906.89

(b)(4); (b)(6)

AMEX Charge: $1,986.60
$1 = 2.469978858 GEL

I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company or association fails to pay for the part or full amount of these charges.

მე ვადასტურებ, რომ თავს არ ვარიდებ ანგარიშის გადახდას და პირადად ვიღებ პასუხისმგებლობას [illegible] ეიმბანია ან ასოციაცია გადაიხდის დანახარჯის [illegible] ნობას.

TBILISI MARRIOTT HOTEL
13 RUSTAVELI AVENUE
[illegible]
F. 995 32 2779210

Guest's signature/სტუმრის ხელმოწერა

MARRIOTT

(b)(6)

United States

INFORMATION INVOICE

Date : 06-02-16

Folio No. :

Guest Name: (b)(6)

Room No.	532
Arrival	30-01 16
Departure	06-02-16
Page No.	2 of 2
Cashier No.	43
Conf No.	93514164
MRW No.	XXXXX7919

Date	Text	Charges GEL	Credits GEL
	Total:	4,906.89	4,906.89

Balance	**0.00**	**GEL**
Total incl. VAT	**4,906.89**	**GEL**
Total excl. VAT	**4,158.38**	**GEL**
VAT 18%	**748.51**	**GEL**

The mentioned total in USD is based on today's currency exchange rate to GEL: 0.4010 USD = 1 GEL
Total amount is: 1967.56 USD
Please be advised, that the mentioned total amount in USD may differ from the amount in USD being charged by your credit card vendor, due to a possible difference in the applied exchange rate to USD.

Your Marriott Rewards Points/Frequent Flyer Miles earned will be credited to your account and will appear on your next statement.

We will credit your Frequent Flyer account.

Tell a friend about Marriott Rewards, you'll both get 1,000 points when they stay – up to five friends, five stays each.
That's up to 25,000 points for you Refer Friends Get Points' See details at MarriottRewards.com/Friend

Merchant ID:
Transaction ID / Amount: 10086907 4906.89
App. Code / Amount: 4906.89

Credit Card # / Exp (b)(4); (b)(6) XX/XX
Capture Method : Manual

I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company or association fails to pay for the part or full amount of these charges.
მე ვადასტურებ, რომ თავს არ ვარიდებ ანგარიშის გადახდას და პირადად ვიღებ პასუხისმგებლობას, რომ ეფუმნული პირი ნება, ეკომპანია ან ასოციაცია გადაიხდის დანახარჯის მაგლ 7 ... ნობას.

TBILISI MARRIOTT HOTEL
19 RUSTAVELI AVENUE
GEORGIA, GEORGIA 0108
F: 995.32 2779210

Guest's signature/სტუმრის ხელმოწერა

ინვოისი / Invoice № 6

ქ. თბილისი / Tbilisi

თარიღი / Date: 05 / 02 / 2016

"შემსრულებლის" რეკვიზიტები / Executor:

დასახელება / Company Name:	შპს „ლაქი ტური“
საიდენტიფიკაციო კოდი / ID:	404501936
მისამართი / Address:	ქ. თბილისი, მ. ბროსეს № 9
მომსახურე ბანკი / Bank Name:	სს „პრო კრედიტ ბანკი“
ბანკის კოდი / Bank Code:	MIBGGE22
ანგარიშსწორების ანგარიში / Bank Account:	GE59PC0483400100000010

"დამკვეთის" რეკვიზიტები / Customer:

დასახელება / Company Name:	Avila Scientific
საიდენტიფიკაციო კოდი / ID:	
მისამართი / Address:	2000 Kraft Drive, STE 1108, Blacksburg, VA, 24060 USA
მომსახურე ბანკი / Bank Name:	
ბანკის კოდი / Bank Code:	
ანგარიშსწორების ანგარიში / Bank Account:	

მომსახურება / Service:

თანხები მოცემულია დ ღ გ - ს ჩათვლით:

Including VAT

მომსახურების დასახელება/Type of service:	სატრანსპორტო მომსახურება/Transportation
ჩასარიცხი თანხა / Sum Total:	**498.78 ლარი (GEL)**

შპს „ლაქი ტური“ - ის დირექტორი / Director of the Company: FOIA (b)(6)

სს "პროკრედიტ ბანკის" თავისუფლების მოედნის სერვის პუნქტი
JSC ProCredit Bank Freedom Square Service Point
ბანკის კოდი / Swift code: MIBGGE22

პროკრედიტ ბანკი
ProCredit Bank
Georgia

05/02/2016 15:02:35

სალაროს შემოსავლის ორდერი / Cash Deposit Receipt № 426514945

5 თებერვალი/February 2016

		დებეტი/Debit	თანხა/Amount
თანხის შემომტანი Depositor	ტერეზა ბერნადეტე ჰუვარ	GE46PC9100302018001158	498.78
მიმღები Recipient	შპს ლაქი ტური	კრედიტი/ Credit GE59PC0483400100000010	GEL
თანხა სიტყვიერად Amount in words	ოთხასოთხმოცდათვრამეტი ლარი 78 თეთრი		
გადახდის დანიშნულება Purpose of Payment	ტრანსპორტირების საფასური, ინვოისი#6,		
შემომტანის საბუთი Depositor ID	უცხო ქვეყნის პასპორტი : 510559727 Unitid States Department of state 09.08.2013 - 08.08.2023		

(b)(6)

შტამპის ადგილი
Stamp here

TD 018 Georgia Visiting Scientist Genomics

Objectives

Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

Costs incurred during January for this effort for (b)(6) were for management oversight of all project activities (b)(6) held communications via phone and email with Visiting Scientist to discuss work and any issues that may have arisen (b)(6) also held communications via phone and email with the DTRA Country Manager and A&AS support to discuss project status and issues.

Subject matter 1:

Costs incurred during January for this effort for (b)(6) to assist in programmatic oversight of all project activities (b)(6) participated in communications via phone and email with Visiting Scientist to discuss work and any issues that may have arisen. She also participated in communications via phone and email with the DTRA Country Manager and A&AS support to discuss project status and issues.

Visiting Scientist

Costs incurred during January for this effort were for (b)(6) to provide genomics and bioinformatics mentoring to staff at the Lugar Center in Tbilisi, Georgia (b)(6) mentored Georgian scientists on next-generation sequencing methods and data analysis, including a review of the physical processes underlying sequencing technology to support better overall understanding, an introduction to alternate software packages, mentoring on the components of draft genome reports, comparative genomics, genome annotation, and more.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced during this period.

CLIN 1004 - Other Direct Costs

DBA insurance was applied for labor costs incurred overseas. Metabiota maintains a blanket DBA policy for all personnel and coverage for (b)(6) was added. Costs will be invoiced monthly as appropriate.

CLIN 1005 – Travel

No travel related costs are being invoiced during this period.

Metabiota						
TD 018 Georgia Genomics						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Program Manager					Completed by Finance
Project Name	**Project Code**	**Name**	**SUB/IC/EMP**	**Total Hours**	**to Apply to program**
TD 01 Cameroon PPE	01021.02.001.PPE.04				$ -
TD 02 KZ	01021.02.002.KZK.04				$ -
TD 04 MESA	01021.02.004.MSA.04				$ -
TD 09 NHLS	01021.02.009.NHL.04		Sub		$ -
			Sub		$ -
			Sub		$ -
			Sub		$ -
			Sub		$ -
TD 10 OHERSA	01021.02.010.OHS.04				$ -
TD 11 TAP	01021.02.011.TAP.04				$ -
TD 13 OHE	01021.02.013.OHE.04		IC		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 14 Kenya	01021.02.014.KEN.04				$ -
TD 16 Georgia GIS	01021.02.016.GIS.04				$ -
TD 17 Georgia SME	01021.02.017.GSM.04				$ -
TD 18 Georgia Genomics	01021.02.018.GGM.04		Sub	112.00	$ 431.20
TD 19 Georgia Micro	01021.02.019.GMC.04		EMP	136.50	$ 287.11
					$ -
		Total to amortize from Prepaid Insurance account:			**$ 718.31**

FOIA (b)(4)

(b)(6)

DOC ID 018

TD 019 Georgia Visiting Scientist Microbiology

Objectives
Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:
Costs incurred during January for this effort for (b)(6) were for management oversight of all project activities. (b)(6) held communications via phone and email with Visiting Scientist to discuss work and any issues that may have arisen. (b)(6) also held communications via phone and email with the DTRA Country Manager and A&AS support to discuss project status and issues.

Subject matter 1:
Costs incurred during January for this effort for (b)(6) to assist in programmatic oversight of all project activities. (b)(6) participated in communications via phone and email with Visiting Scientist to discuss work and any issues that may have arisen. She also participated in communications via phone and email with the DTRA Country Manager and A&AS support to discuss project status and issues.

Visiting Scientist
Costs incurred during January for this effort were for (b)(6) to provide microbiology and other general scientific mentoring to Georgian scientists at NCDC and LMA. (b)(6) continued assisting Lugar Center and Batumi staff with troubleshooting of the PCR protocols and reagents for the avian influenza CBR work with University of Cambridge. He also communicated with project leads and compared issues seen at Lugar Center against issues at Batumi (b)(6) mentored LMA staff on a microscopic agglutination test (MAT) for tularemia. He also mentored their scientists working on procurements for anthrax and leptospirosis diagnostics. He also coordinated communications between LMA staff and Dr. Guillermo Risatti regarding a BAA submission on African swine fever. Lastly, he mentored LMA staff in technical writing related to an upcoming quarterly report.

CLIN 1003 – Materials and Supplies
No materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs
DBA insurance was applied for labor costs incurred overseas. Metabiota maintains a blanket DBA policy for all personnel and coverage for (b)(6) was added. Costs will be invoiced monthly as appropriate.

CLIN 1005 – Travel
No travel related costs are being invoiced for during this period.

Metabiota						
TD 019 Georgia Microbiology						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Program Manager					Completed by Finance
Project Name	**Project Code**	**Name**	**SUB/IC/EMP**	**Total Hours**	**to Apply to program**
TD 01 Cameroon PPE	01021.02.001.PPE.04				$ -
TD 02 KZ	01021.02.002.KZK.04				$ -
TD 04 MESA	01021.02.004.MSA.04				$ -
TD 09 NHLS	01021.02.009.NHL.04		Sub		$ -
			Sub		$ -
			Sub		$ -
			Sub		$ -
			Sub		$ -
TD 10 OHERSA	01021.02.010.OHS.04				$ -
TD 11 TAP	01021.02.011.TAP.04				$ -
TD 13 OHE	01021.02.013.OHE.04		IC		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 13 OHE	01021.02.013.OHE.04		EMP		$ -
TD 14 Kenya	01021.02.014.KEN.04				$ -
TD 16 Georgia GIS	01021.02.016.GIS.04				$ -
TD 17 Georgia SME	01021.02.017.GSM.04				$ -
TD 18 Georgia Genomics	01021.02.018.GGM.04		Sub	112.00	$ 431.20
TD 19 Georgia Micro	01021.02.019.GMC.04		EMP	136.50	$ 287.11
					$ -
		Total to amortize from Prepaid Insurance account:			**$ 718.31**

FOIA (b)(6)

(b)(6)

TD 019

ODC TD 019

TD 020 Gabon Initial Engagement SME Support

Metabiota will provide subject matter expertise in support of a DTRA CBEP funded effort to establish an initial engagement strategy with Gabon.

Period of Performance: 12/15/15 – 01/06/16 (Cancelled)

CLIN 1002 – Labor

Program Manager:

Represents the time spent by Metabiota Program Manager, (b)(6) in both preparing for and attempting to establish bi-weekly communications with DTRA CBEP representation.

CLIN 1003 – Materials and Supplies

No materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota						
TD 020 Gabon						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Invoice and Narrative 03/01/16-03/31/16

Prepared for:

Prepared by:

METABIOTA

04/26/16

Invoice Summary

METABIOTA

Invoice March 01- March 31 2016	
Remit To: Metabiota,Inc. 425 California St. 2nd Floor San Francisco CA 94104	**Bill To:** Defense Threat Reduction Agency 8725 John J. Kingman Rd. Ft. Belvoir VA 22060-6201

CLIN	CURRENT INVOICE	CUMULATIVE INVOICED
CLIN 1001	$ 161,520.52	$1,695,965.46
CLIN 1002	$ 271,033.27	$3,779,985.63
CLIN 1003	$ 6,914.69	$350,896.72
CLIN 1004	$ 2,371.71	$13,235.53
CLIN 1005	$ 26,874.64	$209,122.34
TOTAL	**$ 468,714.83**	**$6,049,205.68**

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 - 04/30/16

CLIN 1002 – Labor

Program Manager:
(b)(6) led project activities for this effort, including communications with DTRA/A&AS to communicate project status. He also led coordination with the Metabiota training team to discuss logistics and further solidify the training details (b)(6) also participated in communications with DTRA's logistics contractor to discuss and help coordinate PPE delivery (b)(6) worked with (b)(6) (b)(6) to identify a new trainer after one of the original training team resigned her position.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced this period.

CLIN 1004 – ODCs
No ODC costs are being invoiced this period.

CLIN 1005 – Travel
No travel costs are being invoiced this period.

Metabiota

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)	Program					

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan – Invoiced to Completion Invoice #729.

CLIN 1003 – Materials and Supplies

A credit invoice was received from our subcontractor due to an overbilling. Metabiota is submitting a credit of $226.10 against this project.

Metabiota						
TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Duke-NUS Medical School
8 College Road
SINGAPORE 169857

Contact Person : Seah Xingxuan
Telephone No : 6516 5930
E-mail : xingxuan.seah@duke-nus.edu.sg

National University of Singapore

Co. Reg./GST Reg. No.: 200604346E

CREDIT NOTE

To: METABIOTA, INC.
1 SUTTER STREET, SUITE 600
SAN FRANCISCO, CA 94104
USA

Attn: Accounts Payable

Credit Note No.	Credit Note Date	Ref Tax Invoice No	Customer No.
23285208	25 Feb 2016	23280435	29401

S/N	Description	Quantity	UOM	Unit Price (USD)	Amount (USD)
1	Partial credit note for INV 23280435 Material charges Final Claim Project Title: Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-COV) in Camels and Bats in Kazakhstan. Subcontract No: 2014-04-DTRA (ILO Ref: RL2014-04 Mod1) (Zero-rated for GST)	1	EA	214.78	214.78

Total invoice 38,986 53

TD 003 Bat Borne Virus from Annual Bat Cull India - Canceled and will not be invoiced

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop

Objectives

Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/2015 - 05/15/2016

CLIN 1002 – Labor

Program Manager:

Project activities for the month of March were focused on implementation of the conference from 7-9 March 2016. The PM, (b)(6) and team members departed on 5 March for Amman, Jordan and conducted a pre-planning coordination meeting on 6 March with RSS, CBEP, and TTI to ensure all requirements were organized and the event venue, and logistics were ready for implementation on the morning of the 7th. She participated on the organization committee in preparation for and throughout the entire event, effectively cooperating and communicating to address conference needs, shifting logistics, and to resolve issues/changes as they arose allowing for the successful implementation of the event. The PM implemented the conference, overseeing all logistics for the event, coordinating directly with TTI and other team members to ensure smooth operations and delivery of the technical requirements. Following execution of the event, the PM has participated in routine project calls, coordinated submission of CDRLs and the proceedings book, and investigated options for video production services. In addition, the PM attended a hot wash with the project team and CBEP in DC to review implemented activities, open action items (proceedings, photo sharing, etc.). Additional activities during this time included review of LOE, submission of routine deliverables, and continued project coordination towards close out.

Research and Data Analysts:

The Project Coordinator (b)(6) supported the PM and project team in execution of the conference in Amman, Jordan, participating in all pre-planning activities and working directly with TTI to ensure all participants safely arrived at the event, and coordinated any last minute travel changes or logistic requirements, as needed. She participated on the organization committee in preparation for and throughout the entire event, effectively cooperating and communicating to address conference needs, shifting logistics, and to resolve issues/changes as they arose allowing for the successful implementation of the event. RSS collaborators and their team were very flexible and accommodating with minor changes required for the planned itinerary (e.g., pushing the coffee break up an hour on day 1, adding items to the lunch menu on day 2, filming interviews in the RSS lobby, and having the poster session tent stay up an additional half-day).

(b)(6) coordinated with Logistics Support, they were responsive, professional, and assisted above and beyond their requested services. TTI helped the organizing committee in all aspects of conference planning, preparation, execution, and closing out. Staff was on call 24/7 before and after the conference organizing travel, audio/visual, catering, and overall event logistics. (e.g., providing runners to direct people between the opening ceremony and conference venue, providing last-minute cars and drivers to participants, supporting unexpected needs and requests from travelers who needed additional travel or logistical services due to illness/ family emergency/ security issues/ etc.)

In addition (b)(6) followed up with all participants after the event, assisting in the development of feedback for the conference website, participants were actively engaged and enthusiastic throughout the two-day conference, and the networking and proceedings day. Metabiota had an almost perfect attendance with active conversations, presentations, and did not run into any logistical challenges during coordination and execution of the event. Emily participated in the hot wash, developing the after action draft report, and submission of the CDRL and proceedings book for review and approval. (b)(6) of Gryphon Scientific supported administrative and contractual requirements during this past month to facilitate compliance, and submission of project deliverables (monthly reporting and invoicing) required under the Gryphon Scientific sub-contract governing project execution. She participated on the organization committee in preparation for and throughout the entire event, effectively cooperating and communicating to address conference needs, shifting logistics, and to resolve issues/changes as they arose allowing for the successful implementation of the event.

Subject Matter Expert I:

SMEs (b)(6) traveled to Amman, Jordan to execute the conference with the MB project team. They facilitated the event, as part of the organizing committee, to include poster set up, note taking, timekeeping, presentation uploads, and technical coordination on the event, as well as scientific engagement and collaborative discussions with all participants. (b)(6) (b)(6) assisted in facilitation of the networking and proceedings day. Both SMEs attended the hot wash remotely, and assisted in completion of the proceedings book for submission to CBEP, to include technical review of all included papers. They followed up with participants following the conference, and assisted in the development and compilation of participant feedback.

Subject Matter Expert III:

(b)(6) executed the conference in March, to include leading the technical engagement for this event. She worked closely with (b)(6) of RSS to facilitate conference proceedings to include MCing the event, chairing sessions, ensuring collaborative discussions. She participated on the organization committee in preparation for and throughout the entire event, effectively cooperating and communicating to address conference needs, shifting logistics, and to resolve issues/changes as they arose allowing for the successful implementation of the event. She participated in all pre-planning, and post-conference activities to include attending the American Corner with the US Embassy in Amman on 6 March, and the hot wash conducted with the team in DC FOIA (b)(6) engaged publications to facilitate submission of post-conference announcements/write-ups in coordination with CBEP and the project team. In addition, (b)(6) led the development of the proceedings book for submission, and oversaw team activities for all Gryphon personnel. She participated in routine project calls and ensured project deliverables were submitted on time and according to schedule.

CLIN 1003 – Materials and Supplies

Material and supply costs were incurred to support the development of the password protected site, the conference proceedings page on the website, update case studies, and continue to provide services updating additional information on the conference website. In addition, costs were incurred to secure and provide services maintaining the conference app. Costs were also incurred for the graphical design of the conference certificate, posters, and agenda card. Additionally, costs were incurred for international communications for (b)(6) to execute program coordination while in Amman.

CLIN 1004 – ODCs

DBA was applied to the project for Metabiota and Gryphon Scientific employees to travel to Jordan for the conference deliverable in March.

CLIN 1005 – Travel

Travel costs include lodging, airfare and Per Diem for FOIA (b)(6) to travel to Amman Jordan for the final workshop. Additionally, costs incurred include expenses to purchase visas for Gryphon Scientific as well as airfare for Gryphon Scientific's FOIA (b)(6)

Metabiota						
TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

(b)(6)

T&M Invoice

Contract PoP: 7/1/2015 – 04/30/2016 **Contract Name:** AEP – Research Collaborator & Subject Matter Experts **Contract #:** 2015-10-DTRA **Bill To:** Metabiota, Inc **Funded Total:** $218,715 **Invoice Period of Performance:** 02/01/2016-02/29/2016	**Invoice POP:** 2/1/2016-2/29/2016 **Invoice #: 2042** **Remit Payment to:** Gryphon Scientific, LLC 1 Halfyard Drive Brookline, NH 03033

LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

OTHER COSTS INVOICED	CURRENT INVOICE	CUMULATIVE INVOICE
Loaded Materials & Supplies – Publ & Dissem	0.00	1,340.15
Loaded Materials & Supplies – Workshop Website	6,562.50	12,862.50
TRAVEL	0.00	1,339.03
TOTAL NON LABOR INVOICED	**$6,562.50**	**$15,541.68**

The undersigned hereby certifies that the amount being invoiced represents only those amounts properly payable in accordance with the terms and conditions of the contract/subcontract and the official financial records.

(b)(6)

By: (b)(6)
Business Manager

Payment should be remitted to: Gryphon Scientific, LLC, 1 Halfyard Drive, Brookline NH 03033

Prime Contractor Program Manager:

Approved: _____

A 41000.00
B 500.50
C 1750.00

6250.50

RELYON

239 Main St. Suite 5
Greenfield, MA 01301

Invoice

Date	Invoice #	Terms
2/5/2016	20151133	Net 30

Bill To

Gryphon Scientific
c/(b)(6)
1 Halfyard Drive
Brookline, NH 03033

Project	MESA Conference 2015-2016

Questions regarding this invoice should be directed to (b)(6) Lead Programmer @ (b)(6) or (b)(6). Payments should be sent to Relyon Solutions LLC, 239 Main Street, Greenfield, MA 01301. Telephone: 413-489 1788.

Deltek #	Description	Est Amt	Prior Amt Billed	Prior % Billed	Curr %	Total % Billed	Amount
	Contract Number 2015-10-DRTA Project Number 134 Statement of Work 1. Build a password-protected site through which participants can contact other attendees, get a list of attendees, view abstracts and view presentations. This would require enabling password protection, having a site for people to be directly emailed, and databases of attendees, abstracts and presentations 2. Build webpage to post the conference proceedings after the meeting, including a pdf document, short text description, and place for photos. 3. Build a page to post the AAAS case studies: http://www.aaas.org/report/BME NA-risk-analysis-training. AAAS has given permission to repost these. 4. Update the conference website as requested by Gryphon Scientific, to include but not be limited to, updating the conference agenda, posting the	5,000.00			80.00%	80.00%	4,000.00

I hereby certify that all payments requested are for appropriate purposes and in accordance with the terms and conditions set forth in the Agreement between the parties.

(b)(6)

Managing Partner

Total	
Payments/Credits	
Balance Due	

RELYON

239 Main St. Suite 5
Greenfield, MA 01301

Invoice

Date	Invoice #	Terms
2/5/2016	20151133	Net 30

Bill To

Gryphon Scientific
c/o (b)(6)
1 Halfyard Drive
Brookline, NH 03033

Project	MESA Conference 2015-2016

Questions regarding this invoice should be directed to (b)(6) Lead Programmer @ (b)(6) or (b)(6) Payments should be sent to Relyon Solutions LLC, 239 Main Street Greenfield, MA 01301. Telephone: 413-489-1288.

Deltek #	Description	Est Amt	Prior Amt Billed	Prior % Billed	Curr %	Total % Billed	Amount
	conference app information, creating a news feed where Gryphon can alert attendees about the conference, and any other such requests.						

I hereby certify that all payments requested are for appropriate purposes and in accordance with the terms and conditions set forth in the Agreement between the parties.

(b)(6)

Managing Partner

Total	$4,000.00
Payments/Credits	$0.00
Balance Due	$4,000.00

A2

INVOICE

(b)(6)

Attention: FOIA (b)(6)
Gryphon Scientific, LLC
February 5, 2016

Invoice Number: 02162016

RIGHTS GRANTED
Usage rights for original graphic artwork, including preliminary materials, are hereby granted to Gryphon Scientific in return for full payment of itemized expenses listed below. If payment is not received sixty days after invoice date, all usage rights will be void.

Certificate of Attendance, Conference Posters, Agenda Cards	$	500
Total	$	500

B

guidebook

525 University Ave, Suite 31
Palo Alto, CA 94301
USA
(650) 319-7233

INVOICE NO: INV00011702
INVOICE Date: 29 Feb 2016
INVOICE Due: 29 Feb 2016
ACCOUNT #: A00003752
PO #:

INVOICE TO:

FOIA (b)(6)
6930 Carroll Ave, Suite 810
Takoma Park, Maryland 20912
United States

Subscription #	Charge Detail	Service Period	Total
A-S00006800	*Rate Plan Name: Plus - Annual Billing - Event* *Charge Name: Plus - Annual Billing - Event - Subscription Fee* *Quantity: 1* *Unit Price: $1,750.00* *Billing Frequency: Annual*	29 Feb 2016 - 27 Feb 2017	$1,750.00

Subtotal	$1,750 00
Tax	$0 00
Invoice Total	**$1,750.00**
Payment Total	**$1,750.00**
Outstanding Balance (USD)	**$0.00**

Balances listed above may not immediately reflect payments made in the past 2 business days. If you have already paid this invoice, please disregard it. You will receive a receipt for any such payments within 2 business days of the payment being processed.

Powered by zuora

verizon

Invoice Number	Account Number	Date Due	Page
3380126981	(b)(4); (b)(6)	04/05/16	16 of 21

Summary for FOIA (b)(6) (Includes Plan Change)

Your Plan

Plan from 3/11 – 4/10
MORE EVERY UNL TLK&TXT 6GB
(see pg 3)

Beginning on 02/20/16:
$25 Smartphone Device Payment Disc

Monthly Charges

Smartphone Line Access	03/11 – 04/10	40.00
$25 SP Device Payment Disc	03/11 - 04/10	-25.00
		$15.00

Equipment Charges

Device Payment Agreement 1217898755 - Payment 1 of 24	20.00
Balance (after this month's current payment) 460.00	
	$20.00

Usage and Purchase Charges

Voice		Allowance	Used	Billable	Cost
Shared	*minutes*	unlimited	234	--	--
Mobile to Mobile	*minutes*	unlimited	99	--	--
Night/Weekend	*minutes*	unlimited	155	-	-
Total Voice					$.00

Messaging					
Text, Picture & Video	*messages*	unlimited	544	---	-
Total Messaging					$.00

Data

Unbilled Usage from Previous Months
(Data usage is applied against any remaining allowance for the month in which the usage occurred.)

Gigabyte Usage	*gigabytes*		.004	--	--
Current Data Usage					
Gigabyte Usage	*gigabytes*	10.000 (shared)	.897	--	--
Data Promo (08/20/14) - 1GB bonus Data/MO for 2 yrs	*gigabytes*	1.000 (shared)	.021	--	--
Total Data					$.00

International

Usage While Traveling Outside the US (Pay-as-You-Go)

International Minutes	*minutes*		16	16	$47.84
International Messaging – Sent	*messages*		3	3	$1.50
International Messaging – Received	*messages*		6	6	$.30
Total International					$49.64

Total Usage and Purchase Charges **$49.64**

Verizon Wireless' Surcharges+

Fed Universal Service Charge	.45
Regulatory Charge	.21
Administrative Charge	1.23
	$1.89

Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	3.5% to Apply to
TD 01 Cameroon PPE	01021.07.001 PPE.04				$ -
TD 01 Cameroon PPE Total					$ -
TD 02 KZ	01021.02.002.KZK.04				$ -
TD 02 KZ Total					$ -
TD 04 MESA	01021.02.004.MSA.04	(b)(4); (b)(6)			

(b)(4); (b)(6)

MARRIOTT

AMMAN MARRIOTT HOTEL
SHMEISSANI, ISSAM ABBUNI STREET
P.O. BOX 926333, AMMAN 11190 JORDAN
TEL: +(962) 6 560 7607 FAX: +(962) 6 567 0130

INFORMATION INVOICE

(b)(6)

FOIA (b)(6)

Company Name: Tech Trans International

Room No.	0431
Arrival	05-03-16
Departure	10-03-16
Page No.	1 of 1
Cashier No.	203
MRW No.	XXXXXX3945
Printing Date	10 March 2016
Check Out Time	
Sales Tax No	77145

Date	Description	Reference	Debit JOD	Credit JOD
05-03-16	Accommodation		74.000	
05-03-16	Room - Service Charge		7.400	
05-03-16	Room Tax		13.024	
06-03-16	Accommodation		74.000	
06-03-16	Room - Service Charge		7.400	
06-03-16	Room Tax		13.024	
07-03-16	Accommodation		74.000	
07-03-16	Room - Service Charge		7.400	
07-03-16	Room Tax		13.024	
08-03-16	Accommodation		74.000	
08-03-16	Room - Service Charge		7.400	
08-03-16	Room Tax		13.024	
09-03-16	Accommodation		74.000	
09-03-16	Room - Service Charge		7.400	
09-03-16	Room Tax		13.024	
		Total	472.120	0.000

Balance: 472.120 JOD

Balance In: 472.120 $683.79

Your Rewards Points/Frequent Flyer Miles earned will be credited to your account and will appear on your next statement.

A 683.79
B 683.79
C 683.79
D 547.48
E 546.03
$3,143.43

1A

AMMAN MARRIOTT HOTEL
SHMEISSANI, ISSAM AJLOUNI STREET
P.O. BOX 926535, AMMAN 11190 JORDAN
TEL: +(962) 6 560 7007 FAX: +(962) 6 567 0100

INFORMATION INVOICE

(b)(6)

Room No.	0425
Arrival	05-03-16
Departure	10-03-16
Page No	1 of 1
Cashier No	213
MRW No.	
Printing Date	10 March 2016
Check Out Time	
Sales Tax No	77145

Company Name: Tech Trans International

Date	Description	Reference	Debit JOD	Credit JOD
05-03-16	Accommodation		74.000	
05-03-16	Room - Service Charge		7.400	
05-03-16	Room Tax		13.024	
06-03-16	Accommodation		74.000	
06-03-16	Room - Service Charge		7.400	
06-03-16	Room Tax		13.024	
07-03-16	Accommodation		74.000	
07-03-16	Room - Service Charge		7.400	
07-03-16	Room Tax		13.024	
08-03-16	Accommodation		74.000	
08-03-16	Room - Service Charge		7.400	
08-03-16	Room Tax		13.024	
09-03-16	Accommodation		74.000	
09-03-16	Room - Service Charge		7.400	
09-03-16	Room Tax		13.024	
	Total		472.120	0.000

Balance	472.120 JOD
Balance In	472.120

$ 663.79

13

AMMAN MARRIOTT HOTEL
SHMEISSANI ISSAM AJLUNI STREET
P.O. BOX 926332, AMMAN 11190 JORDAN
TEL: (962) 6 560 7600 FAX: (962) 6 567 8200

MARRIOTT

INFORMATION INVOICE

(b)(6)

FOIA (b)(6)

Company Name: Tech Trans International

Room No	:	1425
Arrival	:	05-03-16
Departure	:	10-03-16
Page No.	:	1 of 1
Cashier No	:	205
MRW No.	:	XXXXX5388
Printing Date	:	10 March 2016
Check Out Time	:	
Sales Tax No.	:	77145

Date	Description	Reference	Debit JOD	Credit JOD
05-03-16	Accomodation		74.000	
05-03-16	Room - Service Charge		7.400	
05-03-16	Room Tax		13.024	
06-03-16	Accomodation		74.000	
06-03-16	Room - Service Charge		7.400	
06-03-16	Room Tax		13.024	
07-03-16	Accomodation		74.000	
07-03-16	Room - Service Charge		7.400	
07-03-16	Room Tax		13.024	
08-03-16	Accomodation		74.000	
08-03-16	Room - Service Charge		7.400	
08-03-16	Room Tax		13.024	
09-03-16	Accomodation		74.000	
09-03-16	Room - Service Charge		7.400	
09-03-16	Room Tax		13.024	
		Total	**472.120**	**0.000**

Balance 472.120 JOD

Balance In 472.120 $1683.79

Your Rewards Points/Frequent Flyer Miles earned will be credited to your account and will appear on your next statement.

1C

MARRIOTT

AMMAN MARRIOTT HOTEL
SHMEISSANI, ISSAM A/LUNI STREET
PO BOX 920333, AMMAN 11190 JORDAN
TEL: +(962) 6 550 7607 FAX: +(962) 6 567 0100

INFORMATION INVOICE 257987

(b)(6)
Jordan

Room No.	9106
Arrival	05-03-16
Departure	09-03-16
Page No.	1 of 1
Cashier No.	203
MRW No.	XXXXX3945
Printing Date	10 March 2016
Check Out Time	
Sales Tax No.	77145

Company Name Tech Trans International

Date	Description	Reference	Debit JOD	Credit JOD
05-03-16	Accomodation		74.000	
05-03-16	Room - Service Charge		7.400	
05-03-16	Room Tax		13.024	
06-03-16	Accomodation		74.000	
06-03-16	Room - Service Charge		7.400	
06-03-16	Room Tax		13.024	
07-03-16	Tins - Villa Med	Room# 0412 CHECK# 0017698	1.000	
07-03-16	Accomodation		74.000	
07-03-16	Room - Service Charge		7.400	
07-03-16	Room Tax		13.024	
08-03-16	Accomodation		74.000	
08-03-16	Room - Service Charge		7.400	
08-03-16	Room Tax		13.024	
09-03-16	American Express			378.696
	(b)(4); (b)(6)	xxxxx		
		Total	378.696	378.696

Balance	0.000 JOD
Balance In	0.000

$547.48

Your Rewards Points/Frequent Flyer Miles earned will be credited to your account and will appear on your next statement

Local Amount	378.696	Approval Code		Credit Card No.	XXXXXXXXXXXX1035
Exchange Rate		Approval Date	3/15/16	Credit Card Exp.	XXXX
Transaction ID	066[illegible]	Terminal ID			
Merchant ID					

Please deposit credit any account to our account in exchange check. Customer Signature

10

MARRIOTT

AMMAN MARRIOTT HOTEL
SHMEISSANI, ISSAM ALLUNI STREET
P.O. BOX 926330, AMMAN 11190 JORDAN
TEL: (962) 6 560 7002 FAX: (962) 6 567 0100

INFORMATION INVOICE 257986

(b)(6)
Rockvila
usa
Rockville MD 20852

Company Name Tech Trans International

Room No	:	0105
Arrival	:	05-03-16
Departure		09-03-16
Page No		1 of 1
Cashier No	:	203
MRW No.		XXXXX3946
Printing Date		10 March, 2016
Check Out Time		
Sales Tax No	:	77145

Date	Description	Reference	Debit JOD	Credit JOD
05-03-16	Accomodation		74.000	
05-03-16	Room - Service Charge		7.400	
05-03-16	Room Tax		13.024	
06-03-16	Accomodation		74.000	
06-03-16	Room - Service Charge		7.400	
06-03-16	Room Tax		13.024	
07-03-16	Accomodation		74.000	
07-03-16	Room - Service Charge		7.400	
07-03-16	Room Tax		13.024	
08-03-16	Accomodation		74.000	
08-03-16	Room - Service Charge		7.400	
08-03-16	Room Tax		13.024	
09-03-16	American Express			377.696
	(b)(4); (b)(6)	X.XXX		

Total	377.696	377.696

Balance	0.000 JOD
Balance In	0.000 $546.03

Your Rewards Points/Frequent Flyer Miles earned will be credited to your account and will appear on your next statement

Local Amount	377.696	Approval Code		Credit Card No	(b)(4); (b)(6)
Exchange Rate		Approval Amount	377.696	Credit Card Exp	XXXX
Transaction ID	06604	Transaction			
Merchant ID					

Please bill/credit my account by the amount indicated above Cardholder Signature

1 E

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY*******
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YA5D9O
Invoice No.:	74375-74376	**Agent:**	(b)(6)
Issue Date:	Wednesday, January 20, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

• If you would like to view your reservation online with Check My Trip Click Here

• For Aircraft Disinsection Requirements Click Here

AIR - Friday March 4 2016

Icelandair Flight FI450 Economy Class

Check In Confirmation: YA5D9O *(*24 Hours Prior)*

Depart:	8:30 AM, Friday, March 4 Keflavik Intl. Airport Reykjavik, Iceland	**Arrive:**	11:30 AM, Friday, March 4 Heathrow Airport-Terminal 2 London, United Kingdom
Status:	Confirmed		
Booking Code:	L (Economy)		
Equipment:	Boeing 757-200 (winglets)	**Stops:**	Non-stop
Duration:	3 hours 0 minutes	**Seat:**	21C (Non smoking, Aisle) Confirmed
Meal:	Food For Purchase, Alcoholic Beverages For Purchase		

Weather Flight Status *(*up to 3 days prior)* Dining Reservations

AIR - Friday March 4 2016

Etihad Airways Flight EY20 Economy Class

Check In Confirmation: DIZLFE

Depart:	2:05 PM, Friday, March 4 Heathrow Airport-Terminal 4 London, United Kingdom	**Arrive:**	1:20 AM, Saturday, March 5 Abu Dhabi Intl. Airport-Terminal 3 Abu Dhabi, United Arab Emirates
Status:	Confirmed		
Booking Code:	V (Economy)		
Equipment:	Airbus Industrie A380-800	**Stops:**	Non-stop
Duration:	7 hours 15 minutes	**Seat:**	41C (Non smoking, Aisle) Confirmed
Meal:	Meal		

Weather Flight Status *(*up to 3 days prior)*

AIR - Saturday March 5 2016

Etihad Airways Flight EY513 Economy Class

Check In Confirmation: DIZLFE

Depart:	10:30 AM, Saturday, March 5	**Arrive:**	12:05 PM, Saturday, March 5

Abu Dhabi Intl. Airport-Terminal 3 Abu Dhabi, United Arab Emirates	Queen Alia Intl Airport Amman, Jordan

Status:	Confirmed		
Booking Code:	V (Economy)		
Equipment:	Airbus Industrie A321	**Stops:**	Non-stop
Duration:	3 hours 35 minutes	**Seat:**	08D (Non smoking, Aisle) Confirmed
Meal:	Meal		

Weather | Flight Status *(up to 3 days prior)*

AIR - Wednesday March 9 2016

Delta Air Lines Flight DL8429 Economy Class
Operated By Air France
Check In With Air France (AF3887)

Check In Confirmation:
HJQD62

Depart:	1:15 AM, Wednesday, March 9 Queen Alia Intl Airport Amman, Jordan	**Arrive:**	5:30 AM, Wednesday, March 9 Charles De Gaulle Arpt Terminal 2E Paris, France

Status:	Confirmed		
Booking Code:	L (Economy)		
Equipment:	Airbus Industrie A320	**Stops:**	Non-stop
Duration:	5 hours 15 minutes	**Seat:**	11D (Non smoking) Confirmed
Meal:	Breakfast		
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

AIR - Wednesday March 9 2016

Delta Air Lines Flight DL8496 Economy Class
Operated By Air France
Check In With Air France (AF54)

Check In Confirmation:
HJQD62

Depart:	1:45 PM, Wednesday, March 9 Charles De Gaulle Arpt. Terminal 2F Paris, France	**Arrive:**	4:35 PM, Wednesday, March 9 Dulles Intl Arpt. Washington, District of Columbia, USA

Status:	Confirmed		
Booking Code:	L (Economy)		
Equipment:	Boeing 777-300ER	**Stops:**	Non-stop
Duration:	8 hours 50 minutes	**Seat:**	40J (Non smoking) Confirmed
Meal:	Lunch		
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document	Base	Tax	Total
Etihad Airways / 607 7796737989	523.00	260.63	783.63
	Form of Payment: AX XXXXXXXXXXXX1329		
Delta Air Lines / 006 7796737990	230.00	346.17	576.17
	Form of Payment: AX XXXXXXXXXXXX1329		
Processing Fee / 890 0659668225	43.00		43.00
	Form of Payment: AX XXXXXXXXXXXX1329		
Totals:	796.00	606.80	USD 1402.80

Total Charged to Credit Card:	USD 1402.80
Balance Due:	USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with Icelandair is YA5D9O.

• Your reservation number with Etihad Airways is DIZLFE

• Your reservation number with Delta Air Lines is HJQD62

• BAGGAGE CHARGES MAY APPLY. FOR MORE INFO ,PLEASE VISIT
- ICELANDAIR-WWW.ICELANDAIR.US
- ETIHAD AIRWAYS-WWW.ETIHADAIRWAYS.COM
- AIR FRANCE-WWW.AIRFRANCE.US BAGGAGE ALLOWANCE-SPECIFIC SIZE/WEIGHT RESTRICTIONS VARY BETWEEN AIRLINES. EXCESS CHARGES MAY APPLY IF EXCEEDED.

• Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding.

• A valid passport is required for your journey. Passport must be valid at least 6 months beyond intended stay

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• In european airports...Customers may be asked to turn on any electronic or battery powered devices at security. Please ensure they are fully charged.

• This is an electronic ticket valid only on issuing airline.

• Passport and Etkt itinerary required for check in. Boarding passes required prior to entering security

• Freq. Flyer nbr for icelandair not provided freq. flyer nbr for Delta Air Lines not provided please provide at check in.

• View your itinerary at www.checkmytrip.Com use your last name and trip locator YA5D9O

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service.

• Emergency travel assist collect in Iceland/Jordan/France 416 emergency travel assist collect in United Kingdom/United Arab emirat/Jordan/France 416.

• 928-5404.

Invoice No: 74375~74376

access more

Federal law forbids the carriage of certain hazardous materials, such as aerosols, fireworks, and flammable liquids aboard the aircraft. If you do not understand these restrictions, contact your airline or go to http://www.faa.gov/about/initiatives/hazmat_safety/

For Aircraft Disinsection Requirements, http://ostpxweb.dot.gov/policy/safetyenergyenvld.sinsection.htm

Sent To FOIA (b)(6) metabiota@uniglobekentlands.com invoices@uniglobekentlands.com

Contact (b)(6)
Phone (b)(6)

Order Date - **02/03/2016**
TDS Order # **128302**

Sold To:
Metabaiota
425 California street
suite 200
San Francisco, CA 94104 US
2023208338

Ship To
Metabiota Inc
(b)(6)
8757 Georgia ave
Suite 800
Silver Spring, MD 20910 US
2023208338

Service	TDS Fee	Gov't Fee**	Item Total
(b)(6) Departure:03/04/2016			
Jordan: Single Entry Visa Valid 2 Months, Business, 4 Business Days	$70.00	$72.50	$142.50
(b)(6) Departure:03/04/2016			
Jordan: Single Entry Visa Valid 2 Months, Business, 4 Business Days	$70.00	$72.50	$142.50
(b)(6) Departure:03/04/2016			
Jordan: Single Entry Visa Valid 2 Months, Business, 4 Business Days	$70.00	$72.50	$142.50
Return Shipping **Client Pickup**			$0.00

Subtotal	$427.50
Shipping	$0.00
Finance Fee	$14.96
Total	$442.46
Total Received	$442.46
Balance Due	$0.00

Professional Jordanian Tours & Driver Services

AMMAN, JORDAN,
ALBAKRI TRD CENTER,
WWW.JORDANIA-AVENTURA DRIVERS.COM
00962 -0797 -581 366
00962 -0799 -125 5500

TOURS & TOURISTS TRANSPORTATION SERVICES

Customer Name: (b)(6) SOUTHEAST ASIA PROGRAM MANAGER - AEP @ Metabiota)

Invoice Date: 05.03.2016

Invoice Number: 185-0169

Customer ID: JOMNVN-0021512-March-2016

Bill To: Metabiota, Inc.

425 California Street, 2nd Floor

San Francisco, Ca 94104

p (415) 398-4712

F (415) 398-4716

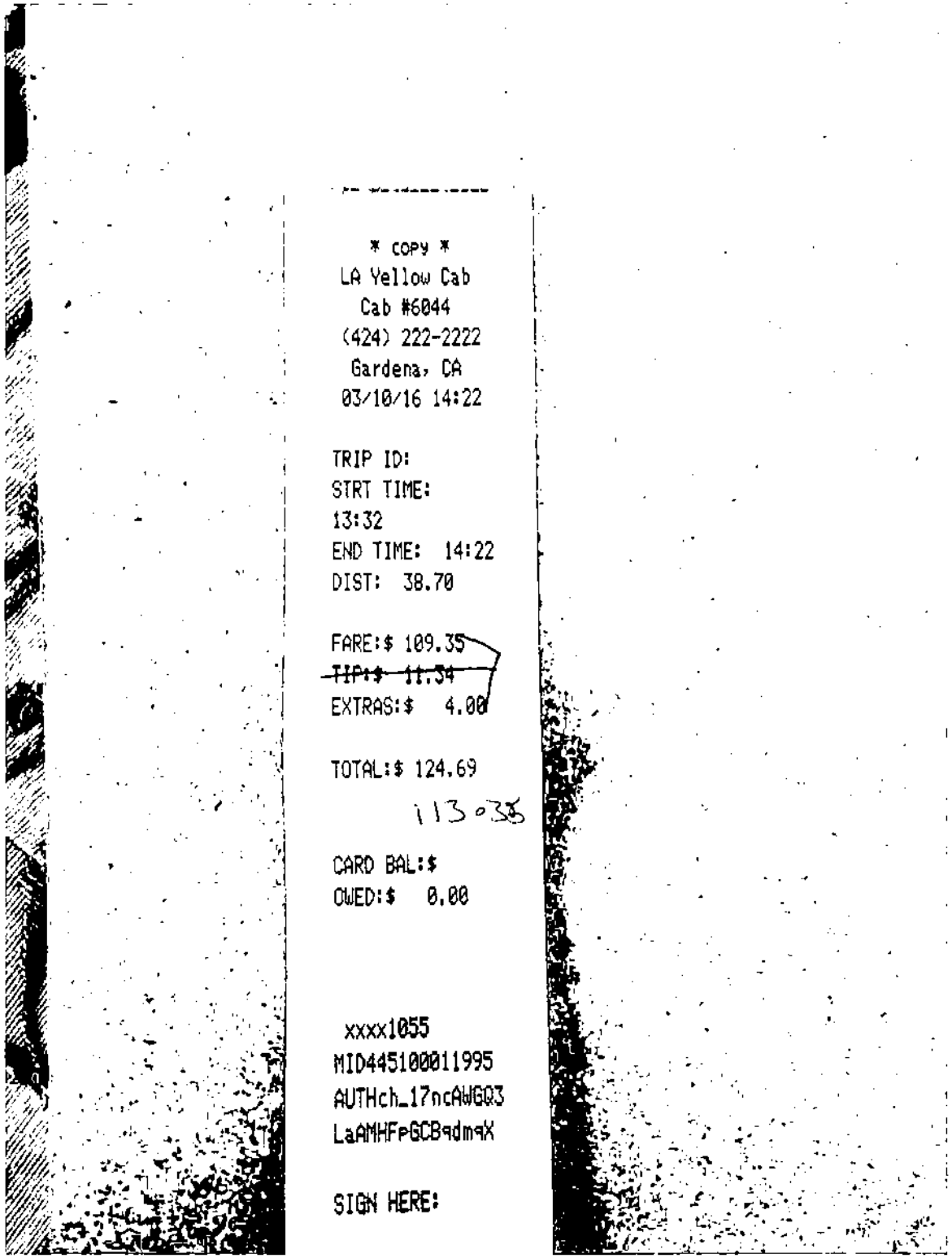
Item	Quantity	Description	Unit Price	Disc %	Total
MINIVAN	1	Minivan & driver from 05.03.2016 to 11.03.2016 March As per client received itinerary and for our agreed price	$730.00	0.00%	$730.00
				Subtotal	$730.00
				Balance Due	$0.00

FULL AMOUNT PAID IN CASH

(b)(6)

View or download this invoice directly through our website

http://jordania-aventura-drivers.com/0021544(b)(6)
(b)(6) df



* COPY *
LA Yellow Cab
Cab #6044
(424) 222-2222
Gardena, CA
03/10/16 14:22

TRIP ID:
STRT TIME:
13:32
END TIME: 14:22
DIST: 38.70

FARE:$ 109.35
~~TIP:$ 11.34~~
EXTRAS:$ 4.00

TOTAL:$ 124.69

113035

CARD BAL:$
OWED:$ 0.00

xxxx1055
MID445100011995
AUTHch_17ncAWGQ3
LaAMHFpGCBqdmqX

SIGN HERE:

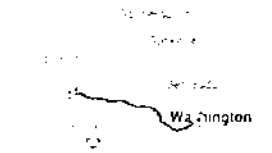
Your Thursday afternoon trip with Uber

Uber Receipts

Mar 1 (5 days ago)

UBER

$37.96



	1.15
	28.30
	5.27
Subtotal	$32.61
	1.35
	4.00
	$37.96

- 03:11pm
- 03:47pm

(b)(6)

(b)(6)

Your Friday evening trip with Uber

Uber Receipts

Mar 4 (11 days ago)

UBER

$68.18



	1.15
	25.81
	6.11
Normal Fare	$33.07
	[illegible]
Subtotal	$62.63
	1.35
	4.00
[illegible]	$68.18

- 06:23pm
- 06:59pm

user's 25.30 00:35:55

(b)(6)

You rode with (b)(6)

TD 005 Iraqi Distance Learning – Canceled and will not be invoiced

TD 006 Nipah Research Activity Project- Canceled - Invoiced to Completion Invoice #725

TD 007 Regional Baseline Assessment - Invoiced to Completion Invoice #725.

TD 008 Clinician Training – Invoiced to Completion Invoice #726.

Objectives

Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/2015-05/15/2016

CLIN 1002 – Labor

Program Manager:

(b)(6) led project activities for this effort. including communications with DTRA/A&AS to communicate project status. He led coordination with the in-country NHLS team to work through financial and administrative issues (b)(6) also spoke with the University of British Columbia to determine the technical requirements necessary for OHASIS module development in the event that the in-country developer is unable to complete the task.

Grants Manager:

(b)(6) led in-country activities for this effort, working with local vendors, banks, and the administrative staff at NHLS to resolve a financial issue with the videography subcontractor (b)(6) also participated in calls with (b)(6) to work through additional financial and administrative issues.

Trainer 1:

(b)(6) participated in project activities on this effort, including communications with DTRA/A&AS to communicate project status. She also coordinated with the in-country NHLS team to work through some financial and administrative issues.

Research and Data Analyst:

(b)(6) and (b)(6) assisted in working through financial and administrative issues including invoicing and the availability of (b)(6) to complete the OHASIS development.

CLIN 1003 – Materials and Supplies

No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced this period.

CLIN 1005 – Travel

Travel costs being invoiced this period include lodging and per diem for the NHLS staff to conduct fit testing for deliverable 2.

Metabiota						
TD 009 NHLS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

PROTEA HOTEL
HUNTERS REST

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

Pro Forma Invoice

VAT NO #4480265802

Date: 03-Feb-16
Invoice: CD100

(b)(6)
Metabiota Inc.
(b)(6)

DESCRIPTION				AMOUNT	
Conference and Meals					
02 February 2016:					
5	Accommodation, Bed & Breakfast - Single	1	R 985.00	R	4925.00
5	Tourism Levy	1	R 9.00	R	45.00
03 February 2016:					
4	Accommodation, Bed & Breakfast - Single	1	R 985.00	R	3940.00
4	Tourism Levy	1	R 9.00	R	36.00
1	Payment Received			R	-1988.00
This invoice includes 14% Vat.					
				VAT R	**854.49**
			TOTAL	**R**	**6958.00**

$452.98

Banking Details
First National Bank - Church Square Pretoria
Branch; 250655
Account No: 62480435736
Shift Code: FIRNZAJJ
Thank you for staying with us !

only in voicing

$ 388.27

Protea Hotel Hunters

2016/02/04 08:53:16
TT:VX520310 AB:100 VC:4.5.26

M:118143
U:312079

MERCHANT COPY

REPRINT
2016/02/04 08:54:08

N:1866 TSN:3055
H:20160203070539
A:225922
I:MM B:00459/004
Operator:0001 P:N
Credit
P:378750423621485

MANUAL ENTRY
OBTAIN CARD IMPRINT

Purchase R6958.00

TOTAL R6958.00

Cardholder Signature

Operator Signature
(b)(6)

Supervisor Signature
(b)(6)

Protea Hotel Hunters

2016/02/04 08:53:16
TT:VX520310 AB:100 VC:4.5.26

M:118143
U:312079

CUSTOMER COPY

REPRINT
2016/02/04 08:54:08

N:1866 TSN:3055
H:20160203070539
Credit
P:(b)(4); (b)(6)

Purchase R6958.00

TOTAL R6958.00

Thank You

TD 010 One Health Epidemiology - South Africa

Objectives
Define the South African Training One Health and Epidemiology training landscape, and oversee the review and development of recommendations for adaptation of existing One Health Epidemiology Training Materials while supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015 - 03/31/2016

CLIN 1002 – Labor

Program Manger:
Metabiota Africa Regional Program Manager (b)(6) led project activities during this time period. He led bi-weekly conference calls with DTRA CBEP Representation, and separate bi-weekly calls with South African Project Stakeholders. (b)(6) provided oversight to the development and submission of the final project deliverable. He ensured that all relevant technical information gained during Metabiota's in-country meetings was integrated into the final project deliverable, and that the project was closed appropriately.

Trainer 1:
Metabiota Project Manager (b)(6) provided coordination support to the Program Manager and SME throughout this period. She participated in bi-weekly conference calls with DTRA CBEP representation and the South African project stakeholders. She contributed to the final project deliverable by providing technical input and general edits.

Subject Matter Expert 2:
Metabiota Staff Scientis (b)(6) provided technical leadership in the development of the final project deliverable during this period. She participated in bi-weekly conference calls with DTRA CBEP representation and the South African project stakeholders. She additionally provided technical oversight towards the development of the final project deliverable through ensuring that information integrated into the report was relevant to project scope and general scientific best practices. She additionally supported the PM by ensuring appropriate project closeout.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced this period.

CLIN 1005 – Travel
Travel costs incurred include lodging, airfare and per diem for subject matter exper (b)(6) and (b)(6) o travel to South Africa and lead/participate in face to face landscape analysis meetings. While in South Africa a car service was used to transport Metabiota staff. To meetings and to the airport.

Metabiota						
TD 010 One Health Epi South Africa						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE
Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone. (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	ZEXHX3
Invoice No.:	75099	**Agent:**	(b)(6)
Issue Date:	Wednesday, February 10, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	(b)(6)

- If you would like to view your reservation online with Check My Trip: Click Here
- For Aircraft Disinsection Requirements: Click Here

AIR - Monday February 15 2016

Delta Air Lines Flight DL200 Economy Class

Check In Confirmation: HOIVHO *(*24 Hours Prior)*

Depart:	4:30 PM, Monday, February 15 Dulles Intl Arpt. Washington, District of Columbia, USA	**Arrive:**	5:40 PM, Tuesday, February 16 O.R. Tambo Int'l Airport-Terminal A Johannesburg, South Africa
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Boeing 737-700 (winglets)	**Stops:**	Atlanta
Duration:	18 hours 10 minutes		
Seat:	19E (Non smoking) Confirmed - PAREKH/FALGUNEE KISHORCHANDRA 34H (Non smoking) Confirmed - PAREKH/FALGUNEE KISHORCHANDRA		
FF Number:	(b)(4); (b)(6)	**Meal:**	None

Weather Flight Status *(*up to 3 days prior)*

AIR - Friday February 19 2016

Delta Air Lines Flight DL9466 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL592)

Check In Confirmation: **HOIVHO**

Depart:	11:59 PM, Friday, February 19 O.R. Tambo Int'l Airport-Terminal A Johannesburg, South Africa	**Arrive:**	10:15 AM, Saturday, February 20 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Boeing 777-300ER	**Stops:**	Non-stop
Duration:	11 hours 16 minutes	**Seat:**	41D (Non smoking, Aisle) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Breakfast
Remarks:	Not eligible for web check in		

Weather Flight Status *(*up to 3 days prior)*

AIR - Saturday February 20 2016

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation: HOIVHO

Depart:	1:00 PM, Saturday, February 20 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3:45 PM, Saturday, February 20 Dulles Intl Arpt. Washington, District of Columbia, USA

Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	20D (Non smoking) On Request
FF Number:	DL2167961628	**Meal:**	Lunch
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7800816112		1175.00	499.40	1674.40
	Form of Payment: AX XXXXXXXXXXXX1220			
Processing Fee / 890 0659810081		43.00		43.00
	Form of Payment: AX XXXXXXXXXXXX1220			
	Totals:	1218.00	499.40	USD 1717.40

Total Charged to Credit Card: USD 1717.40
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with Delta Air Lines is HOIVHO. Delta Air Lines contact phone number is 1-800-221-1212.

• Fare $1674.40

• Baggage charges may apply. For more info..Please visit
- Delta Air lines-www.Delta.com
- klm royal dutch airlines-www.klm.Com baggage allowance-Specific size/weight restrictions vary between airlines. Excess charges may apply if exceeded.

• Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding

• A valid passport is required for your journey. Passport must be valid at least 6 months beyond intended stay

• South Africa immigration requires 2 blank passport pages.

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• Delta Air lines freq. flyer nbr 2167961628 appended

• This is an electronic ticket valid only on issuing airline.

• Passport and Etkt itinerary required for check in. Boarding passes required prior to entering security

• View your itinerary at www.checkmytrip.Com use your last name and trip locator ZEXHX3

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service. Emergency travel assist collect in South Africa/Netherlands 416. -926-5404

Invoice No: 75099

access more

Federal law forbids the carriage of certain hazardous materials, such as aerosols, fireworks, and flammable liquids, aboard the aircraft. If you do not understand these restrictions, contact your airline or go to http://www.faa.gov/about/initiatives/hazmat_safety/

For Aircraft Disinsection Requirements: http://ostpxweb.dot.gov/policy/safetyenergyenv/disinsection.htm

Sent To

(b)(6)

FOIA (b)(6) Ticket/Invoice #75100, Agency File No.: ZEXGUA Departs 15FEB16 To Johannesburg, Tkt: 006-7800816113

February 10, 2016 at 11:29 AM

(b)(6)

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE
Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	ZEXGUA
Invoice No.:	75100	**Agent:**	(b)(6)
Issue Date:	Wednesday, February 10, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

• If you would like to view your reservation online with Check My Trip: Click Here

• For Aircraft Disinsection Requirements: Click Here

Delta Air Lines Flight DL200 Economy Class

Check In Confirmation: HOEJHO *(*24 Hours Prior)*

Depart:	4:30 PM, Monday, February 15 Dulles Intl Arpt. Washington, District of Columbia, USA	**Arrive:**	5:40 PM, Tuesday, February 16 O.R. Tambo Int'l Airport-Terminal A Johannesburg, South Africa
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Boeing 737-700 (winglets)	**Stops:**	Atlanta
Duration:	18 hours 10 minutes		
Seat:	18E (Non smoking) Confirmed - MILLER/EDWARD JUDSON 33B (Non smoking) Confirmed - MILLER/EDWARD JUDSON		
Phone:	1-800-221-1212	**FF Number:**	DL2459050007
Meal:	None		

Weather Flight Status *(*up to 3 days prior)*

Delta Air Lines Flight DL9466 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL592)

Check In Confirmation: HOEJHO

Depart:	11:59 PM, Friday, February 19 O.R. Tambo Int'l Airport-Terminal A	**Arrive:**	10:15 AM, Saturday, February 20 Schiphol Airport

	O.R. Tambo Intl Airport-Terminal A Johannesburg, South Africa		Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	Q (Economy)		
Equipment:	Boeing 777-300ER	**Stops:**	Non-stop
Duration:	11 hours 16 minutes	**Seat:**	41D (Non smoking, Aisle) Confirmed
FF Number:	DL2459050007	**Meal:**	Breakfast
Remarks:	Not eligible for web check in		

Weather | Flight Status *(*up to 3 days prior)*

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation: HOEJHO

Depart:	1:00 PM, Saturday, February 20 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3:45 PM, Saturday, February 20 Dulles Intl Arpt. Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	Q (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	20D (Non smoking) On Request
FF Number:	DL2459050007	**Meal:**	Lunch
Remarks:	Not eligible for web check in		

Weather | Flight Status *(*up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document	Base	Tax	Total
Delta Air Lines / 006 7800816113	1050.00	499.40	1549.40
	Form of Payment: VI XXXXXXXXXXXXX9033		
Processing Fee / 890 0659810082	43.00		43.00
	Form of Payment: VI XXXXXXXXXXXXX9033		
Totals:	1093.00	499.40	USD 1592.40

Total Charged to Credit Card: USD 1592.40
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with Delta Air Lines is HOEJHO. Delta Air Lines contact phone number is 1-800-221-1212.

BLACKLANE

Blacklane GmbH Feurigstraße 59 | 10827 Berlin | www.blacklane.com

(b)(6)

Germany

Customer no.	477130
Booking no.	20160214-4885209
Booking date	2016-02-14
Invoice no.	US0128338KE
Invoice date	2016-02-16

Invoice

Position	Amount	Description	Price
1	1	Transfer Ride starting at 15/02/2016, 13:05 from FOIA (b)(6) Airport (IAD), Saarinen Circle 1, VA 20166 Washington, Sterling (Business Class)	126.53 USD
		Price total	126.53 USD

The amount has been charged to your credit card (b)(4); (b)(6) transaction no: 1-122193970

No VAT-duty in Germany.

Thank you very much for using our services. We are looking forward to welcoming you again soon.

Best regards,
Your Blacklane team

BLACKLANE

Blacklane GmbH | Feurigstraße 59 | 10827 Berlin | www.blacklane.com

(b)(6)

Germany

Customer no.	477130
Booking no.	20160214-4885223
Booking date	2016-02-14
Invoice no.	US0129325KE
Invoice date	2016-02-22

Invoice

Position	Amount	Description	Price
1	1	Transfer Ride starting at 20/02/2016, 16:00 from Washington Dulles International Airport (IAD), All terminals, Exit after baggage claim, Saarinen Circle FOIA (b)(6) (Business Class)	130.53 USD
		Price total	130.53 USD

The amount has been charged to your credit card: (b)(4); (b)(6) transaction no: 1-122194005

No VAT-duty in Germany.

Thank you very much for using our services. We are looking forward to welcoming you again soon.

Best regards,
Your Blacklane team

AAD Car & Truck Rental (Pty) Ltd
trading as

CABS CAR & TRUCK HIRE
Customers Appreciate Better Service

CABS CAR HIRE - JHB

18 HERMAN STREET HARMELIA GERMISTON 1401
Tel: 011 - 392 1388 Fax: 011 - 974 4301
VAT REG. NO. : 4030150082
COMPANY REG. : 1995/002686/07

Customer:
CASH SALES
.

9410
Cust VAT no. :

Delivery Address:
(b)(6)
425 CALIFORNIA STR
SUITE 200
SAN FRANCISCO
9410

TAX INVOICE - COPY

INVOICE NO. : 50014438
INVOICE DATE : 19/02/2016
ATT :
CUSTOMER REF. (b)(6)
OUR REFERENCE : 50000470/R
SALES BRANCH : 500
ACCOUNT NUMBER: (b)(4)
CREDIT REF. :
CURRENCY : RAND
REP : 001
: DEFAULT REP
REP REFERENCE :
DISCOUNT % : 0%
USER : (b)(6)
DATE PRINTED : 25/02/2016
TIME PRINTED : 3:46 PM
PAGE : 1

PRODUCT DETAIL		PRICE EXCL	LINE DISC%	VAT%	UNIT	QUANTITY	NET VALUE
CHD	CHAUFFEUR DRIVE 15.02.2016	2250.00		0.00	EACH	1.000	2250.00
CHD	CHAUFFEUR DRIVE 16.02.2016	2250.00		0.00	EACH	1.000	2250.00
CD1	AFTER HOURS FEE 16.02.2016	300.00		0.00	EACH	4.500	1350.00
CHD	CHAUFFEUR DRIVE 16.02.2016 2ND VEHICLE	2250.00		0.00	EACH	1.000	2250.00
CHD	CHAUFFEUR DRIVE 17.02.2016	2250.00		0.00	EACH	1.000	2250.00
CD1	AFTER HOURS FEE 17.02.2016	300.00		0.00	EACH	2.000	600.00
CHD	CHAUFFEUR DRIVE 18.02.2016	2250.00		0.00	EACH	1.000	2250.00
CD1	AFTER HOURS FEE 18.02.2016	300.00		0.00	EACH	4.500	1350.00
CHD	CHAUFFEUR DRIVE 19.02.2016	2250.00		0.00	EACH	1.000	2250.00
CD1	AFTER HOURS FEE 19.02.2016	300.00		0.00	EACH	8.000	2400.00
RTF	Revenue Toll fee	216.74		0.00	EACH	1.000	216.74
RTF	VAT ON TOLL FEES	28.09		0.00	EACH	1.000	28.09
Registration number .							
Odometer reading .							
Vehicle make / model .							
Product/Engine number .							

SUB-TOTAL	19444.83
VAT	0.00
GRAND TOTAL	19444.83

FNB CLAREMONT, BRANCH CODE: 200109
ACC NO: (b)(6)

Vehicle Details
Authorization number:
Vehicle make / model: .
Registration number : .
Product/Engine number: .
Odometer reading : .

Accepted by: _____ Signature: _____ Date: _____

+ $1,285.062

TD 011 Ukraine TADR Activity Project 4 (TAP-4) - Invoiced to Completion Invoice #729.

TD 012 Ukraine Project 2 (UP-2) -Invoiced to Completion Invoice #725. Transitioned to BTRIC.

TD 013 One Health Epidemiology Training - Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015-02/29/2016

CLIN 1002 – Labor
No labor costs are being invoiced during this period.

CLIN 1003 – Materials and Supplies
Material costs being invoiced include communication costs for Program Manager (b)(6) while completing the final training of cohort 10 in February.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced during this period

CLIN 1005 – Travel
Travel costs being invoiced this period include lodging, per diem, ground transportation, and airfare for FOIA (b)(6) conduct the final training of cohort 10 in February.

Metabiota						
TD 013 One Health Epi						
CLIN 1002 Labor						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

(b)(4); (b)(6)

METABIOTA

Metabiota, Inc

CASH RECEIPT

Name of Recipient (b)(6)

Purpose of expence Reimbursement for [illegible]

Project Number OHE UG

Amount (in digits and in words) $75 seventy five US [illegible]

Date 2/4/16

Signature of Recipient

(b)(6)

Handled by

(b)(6)

[redacted]

[redacted]

[redacted] TELECOM

(b)(6)

[redacted]

$ 413076

PMTS Ltd, Authorised Distributors of Airtel Products

PMTS
Limited

P O Box 4[illegible]2
Kampala,
Uganda

Tel: 0702 400 602
Or 07 6 384 720
Or 07 8 384 720

GENERAL RECEIPT

No.

Date: / /

Received with thanks from (b)(6) [redacted]

0704861638, 0704668704, 07[illegible]

The sum of: ONE HUNDRED AND FIFTY THOUSAND SHILLINGS

Being payment for: ~~9GB~~.

2 GB ON EACH

Cash/Cheque No:

Balance:

Shs. 150 000

Signed: (b)(6) [redacted]

For & on behalf of PMTS LIMITED

$ 43.4/A

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	8NCRZR
Invoice No.:	74084	**Agent:**	(b)(6)
Issue Date:	Monday, January 11, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

• If you would like to view your reservation online with Check My Trip Click Here

• For Aircraft Disinsection Requirements Click Here

AIR - Friday January 29 2016

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL652)

Check In Confirmation: G6X4QC

Depart:	6:00 PM Friday, January 29 Dulles Intl Arpt Washington District of Columbia, USA	**Arrive:**	7:25 AM, Saturday, January 30 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	7 hours 25 minutes	**Seat:**	35G (Non smoking) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Dinner
Remarks:	Not eligible for web check in		

Weather Flight Status *(up to 3 days prior)*

AIR - Saturday January 30 2016

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: G6X4QC

Depart:	9:55 AM, Saturday, January 30 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	10:25 PM, Saturday, January 30 Entebbe Intl. Airport Entebbe, Uganda
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Kigali
Duration:	10 hours 30 minutes	**Seat:**	41D (Non smoking) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Breakfast
Remarks:	Not eligible for web check in		

Weather Flight Status *(up to 3 days prior)*

AIR - Saturday February 6 2016

Delta Air Lines Flight DL9318 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL537)

Check In Confirmation: G6X4QC

Depart:	11:30 PM, Saturday, February 6 Entebbe Intl. Airport Entebbe, Uganda	**Arrive:**	6:00 AM, Sunday, February 7 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 30 minutes	**Seat:**	32G (Non smoking) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Breakfast
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)*

AIR - Sunday February 7 2016

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation: G6X4QC

Depart:	1:00 PM, Sunday, February 7 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3:45 PM, Sunday, February 7 Dulles Intl Arpt. Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	27B (Non smoking) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	Lunch
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7796737711		729.00	560.86	1289.86
	Form of Payment: VI (b)(4); (b)(6)			
Processing Fee / 890 0659588445		43.00		43.00
	Form of Payment: V (b)(4); (b)(6)			
	Totals:	772.00	560.86	USD 1332.86

Total Charged to Credit Card: USD 1332.86
Balance Due: USD 0.00

Fare Rules

- Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

- Your reservation number with Delta Air Lines is G6X4QC. Delta Air Lines contact phone number is 1-800-221-1212. fare $1289.86

- Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding.

← JAN 29, 2016, 1:49 PM

Base Fare	1.15
29.04 Miles	29.62
47.65 Minutes	8.10
Subtotal	$38.87
Dulles Toll Road Toll	2.50
Dulles Toll Road Toll	1.00
Safe Rides Fee	1.35
IAD Airport Surcharge	4.00
Montgomery County Surcharge	0.25

VISA Personal (b)(4); (b)(6) $47.97

METABIOTA

Metabiota, Inc.

CASH RECEIPT

Name of Recipient (b)(6)

Purpose of expense Reimbursement for ground transportation to and from Fort Portal 31 Jan and 06 Feb 2016

Project Number OHE UG

Amount (in digits and in words) $80 / eighty US dollars

Date 2/9/16

Signature of recipient

(b)(6)

Handled by

(b)(6)

ALPHA & OMEGA TOURS & TRAVEL LTD.

772-509798/772-380148
0772-508322
ar a om@infocom.co.ug

P. O. Box 16
Wandegeya

No.

RECEIPT

Date: 3

RECEIVED with thanks from (b)(6) [redacted]

The sum of shillings FIVE HUNDRED FOUR D[illegible]

Being payment for TRANSPORTATION TO PORT [illegible]
FROM 3 JAN — 6 FEB

Cash/Cheque No.

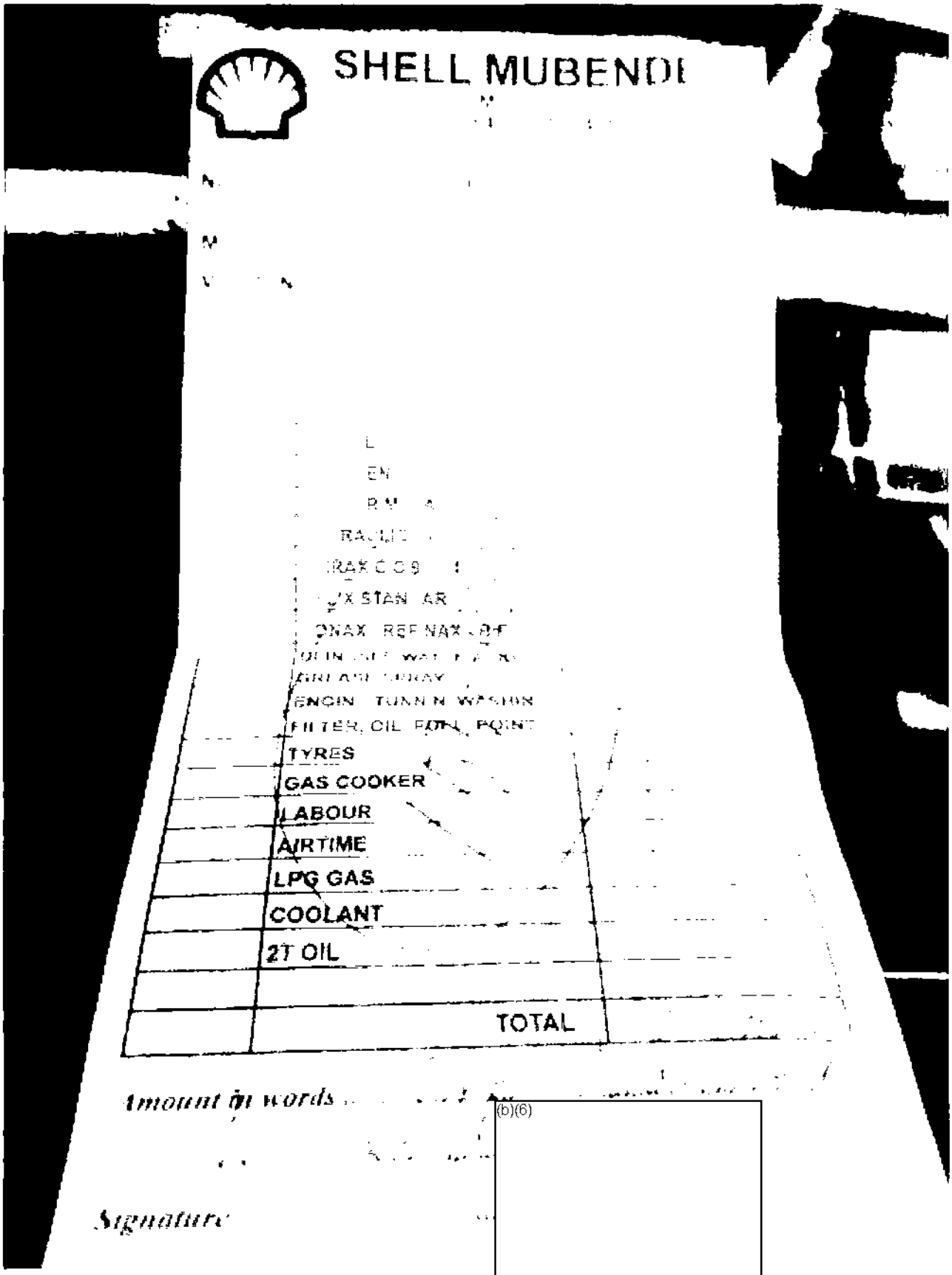
Balance (b)(6) [redacted]

Shs./USD 504

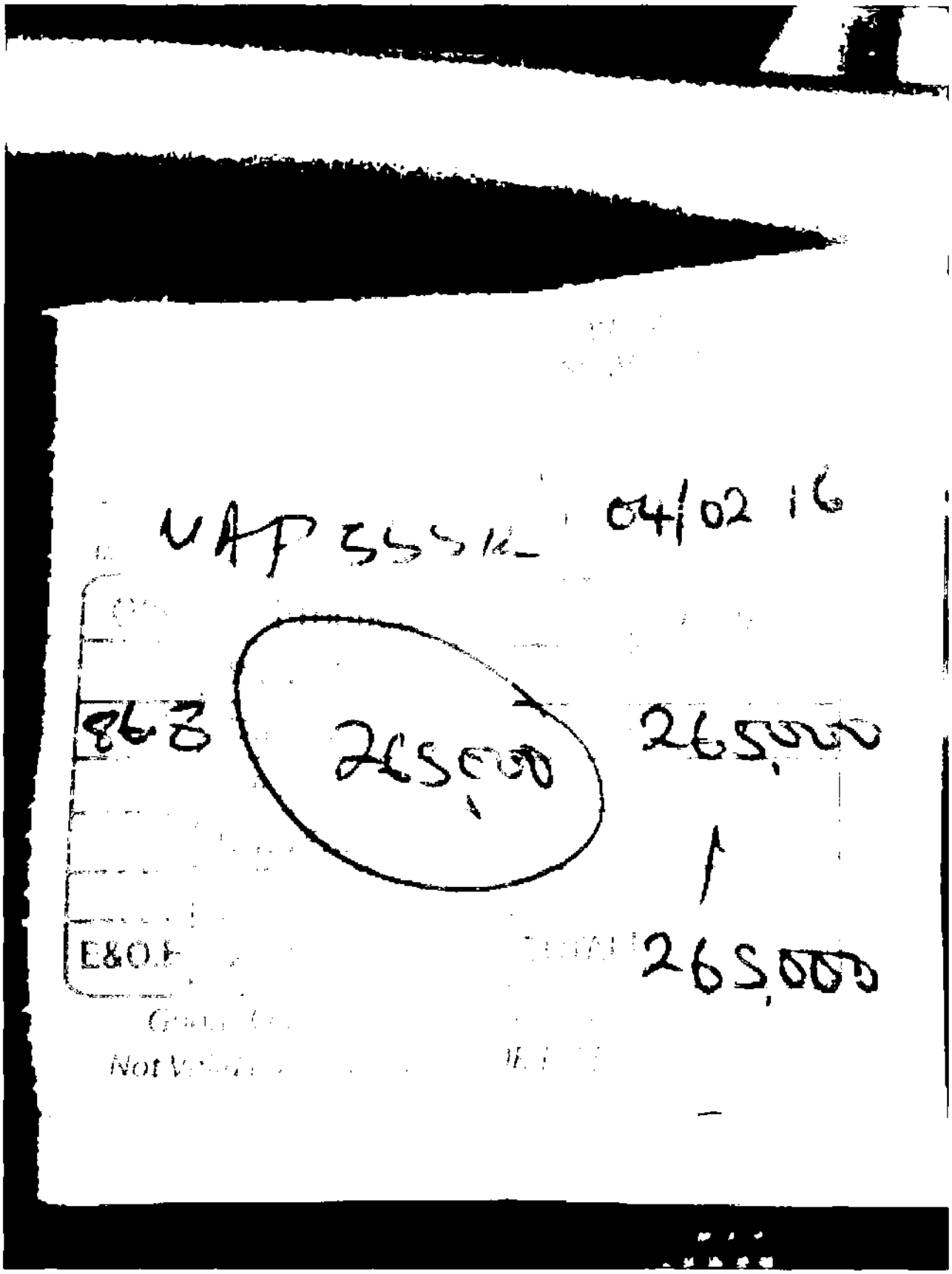
Signed:

With Thanks

For: ALPHA & OMEGA TOURS & TRAVEL LTD


SHELL MUBENDI
TYRES
GAS COOKER
LABOUR
AIRTIME
LPG GAS
COOLANT
2T OIL
TOTAL
Amount in words
(b)(6)
Signature

$29.15



$77.27*

A.M.I SERVICES LTD.

C/O TOTAL ENTEBBE SERVICE STATION
OPERATOR FOR TOTAL UGANDA LIMITED
P.O. BOX 309, ENTEBBE. TEL: +256 414 320096

TIN. 1000134234

TOTAL

M/S	ORDER/ INVOICE
	No.
Address:	
Vehicle No. UAP 555K	Date: 31 / 01 / 010

ITEM	LTS.	SHS.
TOTAL SUPER		
TOTAL GAS OIL	75·80	223600/
TOTAL OIL		
TOTAL GAZ		
GAZ ACCESSORIES	223.600	
	TOTAL	223600/

FUEL EXEMPT OF VAT

AUTHORISED BY:..... SIGN.....

DRIVER NAME.....SIGN:.....

641.71

TD 014 Grant Writing Mentorship and Workshop – Kenya

Objectives

The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 07/02/15-04/30/16

CLIN 1002 – Labor

Program Manager:

Metabiota Regional Program Manager for Africa, (b)(6) continued to manage and provide oversight to this project. He maintained bi-weekly communication with DTRA CBEP representation and worked to address their concerns on quantifying the SME evaluation process (b)(6) worked to maintain regular communication with the project team as they continued their evaluation of manuscripts. He worked to integrate updated project deliverable language into final deliverables.

Subject matter 1:

Metabiota Project Manager (b)(6) led coordination efforts and provided technical support during this period (b)(6) attended, recorded, and provided technical insight as necessary during bi-weekly calls. She additionally provided support to the PM and AEP leadership during the integration of new project deliverable requirements.

Metabiota independent consultant (b)(6) continued his work towards the evaluation and review of research participant manuscripts. He maintained communication with the PM and ensured compliance and understanding of the updated deliverable requests.

Metabiota independent consultan (b)(6) continued his work towards the evaluation and review of research participant manuscripts. He maintained communication with the PM and worked with lead SME (b)(6) to understand requests for updated deliverables.

Metabiota independent consultant (b)(6) continued his work towards the evaluation and review of research participant manuscripts. He maintained communication with the PM and worked with lead SME (b)(6) to understand requests for updated deliverables.

CLIN 1003 – Materials and Supplies

Costs being invoiced include access to KENVET: an investigation into a human anthrax outbreak in central Kenya for Bradford Brooks to aid training materials for the workshop.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced this period.

CLIN 1005 – Travel

Airfare, Lodging, ground transportation and Per Diem costs are being invoiced this period for FOIA (b)(6) FOIA (b)(6) to complete the Writing Workshop in Kenya in February. Per Diem costs for Metabiota SMEs (b)(6) and (b)(6) are being invoiced for their time conducting the workshop, their other travel costs have already been invoiced. Costs for purchasing visas for Metabiota staff to enter Kenya to complete the training are also being invoiced.

Metabiota						
TD 014 Kenya Grants						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Subject: AJOL Sales Receipt 105832038207
Date: Wednesday, February 10, 2016 at 7:35:58 AM Eastern Standard Time
From: no-reply@2co.com
To: (b)(6)

Order Number : 105832038207

AJOL (www.ajol.info)

Contents of your purchase :
Product Name : KENVET: An Investigation into a Human Anthrax Outbreak in Maragua District, Central Kenya
Quantity : 1

Total : 9.00 (USD)

Billing Information
(b)(6)
IP: 41.139.197.30 IP Location: Unknown (Kenya)
(b)(6)

425 California St
2nd Floor
San Francisco, CA 94104
United States (USA)

Thank you for your business.

* Please do not reply to this email. Your response will not be received. Please visit our website to contact us about your order.

****

For questions about your order, including product delivery questions, please contact www.ajol.info

For payment specific questions, please contact http://www.2co.com (Customer support is available in English and Spanish.)

****

Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	3.5% to Apply to
TD 01 Cameroon PPE	01021.02.001.PPE.04				$ -
TD 01 Cameroon PPE Total					$ -
TD 02 KZ	01021.02.002.KZK.04				$ -
TD 02 KZ Total					$ -
TD 04 MESA	01021.02.004.MSA.04				

(b)(4); (b)(6)

(b)(4); (b)(6)

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE
Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

MBTABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YOTWRQ
Invoice No.:	74643-74644	**Agent:**	Marli W
Issue Date:	Wednesday, January 27, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	FOIA (b)(6)

• If you would like to view your reservation online with Check My Trip. Click Here

• For Aircraft Disinsection Requirements: Click Here

AIR - Friday February 5 2016

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL652)

Check In Confirmation: GUZO9U

Depart:	6:00 PM, Friday February 5 Dulles Intl Arpt Washington, District of Columbia, USA	**Arrive:**	7:25 AM, Saturday, February 6 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	X (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	7 hours 25 minutes	**Seat:**	35J (Non smoking) Confirmed
Meal:	Dinner		
Remarks:	Not eligible for web check in		

Weather Flight Status *(up to 3 days prior)*

AIR - Saturday February 6 2016

Delta Air Lines Flight DL9585 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL565)

Check In Confirmation: GUZO9U

Depart:	10:10 AM, Saturday, February 6 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	8:15 PM, Saturday, February 6 Jomo Kenyatta Intl Arpt Terminal 1C Nairobi, Kenya
Status:	Confirmed		
Booking Code:	X (Economy)		
Equipment:	Boeing 747	**Stops:**	Non-stop
Duration:	8 hours 5 minutes	**Seat:**	27H (Non smoking Aisle) Confirmed
Meal:	Breakfast		
Remarks:	Not eligible for web check in		

Weather Flight Status *(up to 3 days prior)*

AIR - Monday February 15 2016

Kenya Airways Flight KQ760 Economy Class

Check In Confirmation:
YQTWRQ *(*30 Hours Prior)*

Depart:	8:25 AM, Monday, February 15 Jomo Kenyatta Intl Arpt. Terminal 1A Nairobi, Kenya	**Arrive:**	11:40 AM, Monday, February 15 O.R. Tambo Int'l Airport-Terminal A Johannesburg, South Africa
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Boeing 787-800	**Stops:**	Non-stop
Duration:	4 hours 15 minutes	**Seat:**	17J (Non smoking) Confirmed
Meal:	Meal		

Weather | Flight Status *(up to 3 days prior)*

AIR - Saturday February 20 2016

Delta Air Lines Flight DL9466 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL592)

Check In Confirmation:
GUZO9U

Depart:	11:59 PM, Saturday, February 20 O.R. Tambo Int'l Airport-Terminal A Johannesburg, South Africa	**Arrive:**	10:15 AM, Sunday, February 21 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Boeing 777	**Stops:**	Non-stop
Duration:	11 hours 16 minutes	**Seat:**	26H (Non smoking, Aisle) Confirmed
Meal:	Breakfast		

Weather | Flight Status *(up to 3 days prior)*

AIR - Sunday February 21 2016

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation:
GUZO9U

Depart:	1:00 PM, Sunday, February 21 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3:45 PM, Sunday, February 21 Dulles Intl Arpt. Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	25J (Non smoking) Confirmed
Meal:	Lunch		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document	Base	Tax	Total
Delta Air Lines / 006 779914362829	506.00	525.80	1031.80
	Form of Payment: AX XXXXXXXXXXXX1329		
Kenya Airways / 706 7799143630	323.00	134.00	457.00
	Form of Payment: AX XXXXXXXXXXXX1329		
Processing Fee / 890 0659705441	43.00		43.00
	Form of Payment: AX XXXXXXXXXXXX1329		
Totals:	872.00	659.80	USD 1531.80

Total Charged to Credit Card: USD 1531.80

$508.00

Printable Version

ETICKET RECEIPT IS ATTACHED
******* PLEASE REVIEW YOUR ITINERARY CAREFULLY*******
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

M TABIOLA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YOTSTF
Invoice No.:	74645~75196	**Agent:**	(b)(6)
Issue Date:	Wednesday, January 27, 2016	**Customer:**	MEA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	FOIA (b)(6)

• If you would like to view your reservation online with Check My Trip: Click Here

• For Aircraft Disinsection Requirements: Click Here

AIR - Sunday February 14 2016

Delta Air Lines Flight DL9496 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL566)

Check In Confirmation: GT4GHH

Depart:	10:30 PM, Sunday, February 14 Jomo Kenyatta Intl Arpt. Terminal 1C Nairobi, Kenya	**Arrive:**	5:00 AM, Monday, February 15 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	X (Economy)		
Equipment:	Boeing 747	**Stops:**	Non-stop
Duration:	8 hours 30 minutes	**Seat:**	Assigned at Check In
Meal:	Breakfast		
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)*

AIR - Monday February 15 2016

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation: GT4GHH

Depart:	1:00 PM, Monday, February 15 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	3:45 PM, Monday, February 15 Dulles Intl Arpt Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	X (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	Assigned at Check In
Meal:	Lunch		
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
New E-Ticket / 006 7800816197 Exchanged Ticket / 006 7799143631		257.00	543.62	800.62
	Form of Payment: AX XXXXXXXXXXXX1253			
Processing Fee / 890 0659820677		43.00		43.00
	Form of Payment: AX XXXXXXXXXXXX1253			
Exchange Ticket Number, Document Number: / 006-7799143631		-800.62		-800.62
FOIA (b)(6)				
	Form of Payment: Billed To Credit Card			
Airline Change Fee		300.00		300.00
FOIA (b)(6)				
	Form of Payment: Billed To AX XXXXXXXXXXXX1253			
	Totals:	600.00	543.62	USD 1143.62

Total Charged to Credit Card: USD 343.00

Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with Delta Air Lines is GT4GHH. Delta Air Lines contact phone number is 1-800-221-1212

• Fare $800.62

• --IMPORTANT CHANGE IN OBTAINING KENYAN VISAS--

• --ALL KENYAN ENTRY VISAS MUST BE OBTAINED THROUGH AN ONLINE APPLICATIONS PROCESS PRIOR TO DEPARTURE. PLEASE VISIT WWW.ECITIZEN.GO.KE FOR VISA PROCESSING.-- Baggage charges may apply. For more info..Please visit

- Delta Air lines-www.Delta.com
- klm royal dutch airlines-www.klm.Com baggage allowance-Specific size/weight restrictions vary between airlines. Excess charges may apply if exceeded.

• Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding.

• A valid passport is required for your journey. Passport must be valid at least 6 months beyond intended stay

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• This is an electronic ticket valid only on issuing airline.

• Passport and Etkt itinerary required for check in. Boarding passes required prior to entering security

• Freq. Flyer nbr for Delta Air lines not provided please provide at check in.

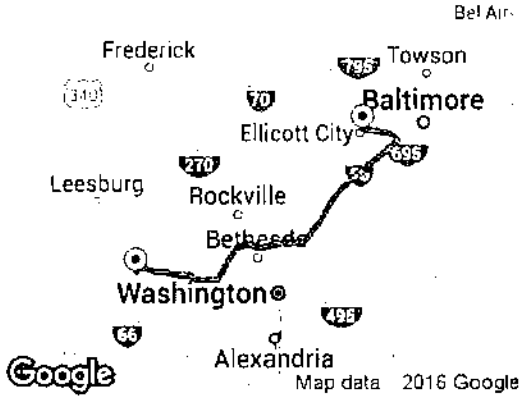
• View your itinerary at www.checkmytrip.Com use your last name and trip locator YOTSTF

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service. Emergency travel assist collect in Netherlands/Kenya 416. -928-5404

Subject: Your Friday afternoon trip with Uber
Date: Friday, February 5, 2016 at 4:15:10 PM Eastern Standard Time
From: Uber Receipts
To: (b)(6)
CC:
Attachments: map_8361cbcf-9af8-416e-8632-b8b5bec2c75d

$240.70

FOIA (b)(6)



FARE BREAKDOWN

Base Fare	7.00
Distance	200.45
Time	33.25
Subtotal	**$240.70**
Personal ···· 9135	**$240.70**

02:51pm
FOIA (b)(6)

04:14pm

BLACK CAR	61.68	01:23:07

(b)(6) You rode with (b)(6)

WASHINGTON FLYER
TAXI
(703)572-TAXI
REGENCY

PASSENGER COPY
CARD RECEIPT
DR. ID: 00005857
CAB#: 0857
PASS#:
DATE: 02/15/2016
ST.TIME: 16:45
END TIME: 18:04
TRIP#: 916038
DIST : 57.50 MI
RATE 1
FARE : $128.24
EXTRA : $ 0.00
TIP : $ 19.24
TOTAL : $ 147.48
CARD#: ****1253
AUTH#: 568436

THANK YOU
WE APRECIATE
YOUR BUSINESS
(301)222-2222

Villa Rosa
Kempinski
NAIROBI

INFORMATION INVOICE

[redacted]
Kenya

Room	: 1025
Arrival	: 13.02.16
Departure	: 15.02.16
Page No.	: 2 of 2
Invoice No.	:
Adults / Children	: 1 / 0
Conf. No.	: 1574513
Voucher No.	:
Cashier ID.	: (b)(6)
Date / Time	: 15.02.16 / 05:11:27
Currency	: USD
VAT/PIN No.	: 0010260N / P000609718

AR No.

Date	Description	Supplement	Charges	Credits
		Total	**557.98**	**0.00**
		Balance Due	**557.98**	

5310260

Tax Breakdown In KES

Net Taxable Amount	444.90
VAT 16%	7,189.63
Non Tax Amount	200.00
Other Levies	4,031.42

BARCLAYS

VILLA ROSA KEMPINSKI
SIMBA CORPORATION LIMITED
CHIROMO ROAD -WESTLANDS
NAIROBI

CASHIER ID: 1231
CASHIER NAME: (b)(6)
POS ID: 60029690 RECEIPT NB: 001470
VERSION: 1.11.22

MID:72830-88

378750 (b)(4); (b)(6)
AID: A0000000251010801
App PSN: 00
App Start Date: 10/14
App Exp Date: 04/18

AMERICAN EXPRESS

SALE

AMT 225.00 USD

PLEASE DEBIT MY ACCOUNT
VERIFIED BY SIGNATURE

AUTH CODE: 588909

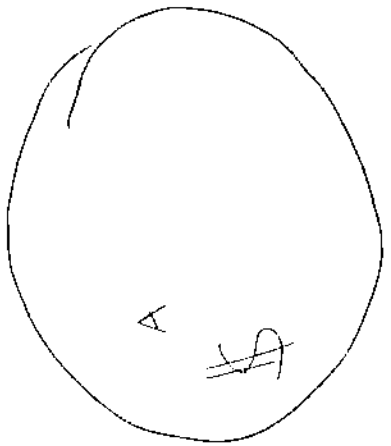
THANK YOU FOR VISITING
VILLA ROSA KEMPINSKI.

AUTHORISED

Reference:
1021
DATE: 14.02.2016 TIME: 09:55:10
Cryptogram: 293108827F042588
Cryptogram Type: TC
RRN: 001470990074
Account: Default

CARDHOLDER COPY

Villa Rosa
Kempinski
NAIROBI



INVOICE

Room	:	1021
Arrival	:	13.02.16
Departure	:	14.02.16
Page No.	:	1 of 1
Invoice No.	:	46636
Adults / Children	:	1 / 0
Conf. No.	:	1600761
Voucher No.	:	(b)(6)
Cashier ID.	:	
Date / Time	:	14.02.16 / 09:55:21
Currency	:	USD
VAT/PIN No.	:	0010260N / P000609718

Supplement	Charges	Credits
	180.00	
	12.60	
	3.60	
	28.80	
(b)(4); (b)(6) XX/XX		225.00

[illegible]

[illegible]

FOIA (b)(6)

Date	: 13/02/2016
Invoice No	
Room	: 559
Arrival	: [illegible]
Departure	: 13/02/2016
Adults Children	: [illegible]
Voucher	:
C/O Time	:
Cashier / No	: (b)(6) / 52

A/R Number:

INFORMATION COPY ONLY

Date	Description	Debit KES	Credit KES
07/02/2016	Sented Lunch Food #[illegible]	12,000.00	
	Total	12,000.00	

Balance Due: 12,000.00 KES

Tax Breakdown KES

V.A.T	1,836.00
Service Charge	672.00
Catering Levy	192.00

I agree that my liability for this bill is not varied and agree to be held personally liable in the event that the indicated person, company or associations fails to pay for any part of the full amount of these charges.

Guest Signature: _____

CVS/pharmacy

3300A CENT LANE ELLICOTT CITY MD 21043
PHARMACY: 750-9439 STORE: 750-9385

REG#02 TRN#3363 OPR#:1244670 STR#2043

Helped by: (b)(6)

F 1 RX #: xxxx9550000 13.49N
F 1 RX #: xxxx9570000 128.99N

2 ITEMS
TOTAL 142.48
CHARGE 142.48
(b)(4); (b)(6) CH
MasterCard (b)(4); (b)(6)
APPROVED# 005102
REF# 023636
AID: A0000000041010
TC: 2CA4E773FAEBE1F1
TERMINAL# 69029924
SIGNATURE REQUIRED
CVM: 1E0300
TVR(95): 0000008000
TSI(9B): E800

CHANGE 0.00

2502 0436 0363 3630 24
RETURNS WITH RECEIPT THRU 04/05/2016

FEBRUARY 5, 2016 12:50 PM

F=FLEXIBLE SPENDING ACCT SUMMARY (FSA)
Prescription Eligible Total 142.48

****
FSA summary above includes items
(and tax) that may be eligible for plan
reimbursement. Restrictions may apply.
****

GET YOUR CVS EXTRACARE CARD

THANK YOU. OPEN 24 HOURS 7 DAYS A WEEK

CVS/pharmacy

3300A CENT LANE ELLICOTT CITY MD 21043
PHARMACY 750-9439 STORE 750-5385

REG#17 TRN#2268 CSHR#0000097 STR#2043

1 OFF DWDS TOWELETTE 12CT 8.50T SAVED .99
9.49 EACH 2 OR MORE @ 8.50 EACH
1 OFF DWDS TOWELETTE 12CT 8.50T SAVED .99
9.49 EACH 2 OR MORE @ 8.50 EACH

2 ITEMS

SUBTOTAL	17.00
MD 6.0% TAX	1.02
TOTAL	18.02
CHARGE	18.02
**********1253	CH

AMERICAN EXPRESS **********1253
APPROVED# 877596
REF# 172684
AID: A000000025010801
TC: B1222207:DD505EC
TERMINAL# 68101811
NO SIGNATURE REQUIRED
CVM: 1E0300
TVR(95): 0000008000
TSI(98): F800

CHANGE .00

2502 0436 0352 2681 70
RETURNS WITH RECEIPT THRU 04/04/2016

FEBRUARY 4, 2016 5:40 PM

GET YOUR CVS EXTRACARE CARD

THANK YOU OPEN 24 HOURS 7 DAYS A WEEK

Contact (b)(6)
Phone · (b)(6)

Order Date · **01/21/2016**
TDS Order # **127216**

Sold To:
Metabiota
425 California street
suite 200
San Francisco, CA 94104 US
2023208338

Ship To:
Metabiota Inc
(b)(6)
8757 Georgia ave
Suite 800
Silver Spring, MD 20910 US
2023208338

Service	TDS Fee	Gov't Fee**	Item Total
(b)(6) Departure:02/05/2016			
Kenya: Multiple Entry Visa 6 months, Business, 5-7 Business Days	$70.00	$105.00	$175.00
(b)(6) Departure:02/05/2016			
Kenya: Multiple Entry Visa 6 months, Business, 5-7 Business Days	$70.00	$105.00	$175.00
Return Shipping **Client Pickup**			$0.00

Subtotal $350.00
Shipping $0.00
Finance Fee $12.25
Total $362.25
Total Received $362.25
Balance Due $0.00

Contact (b)(6)
Phone (b)(6)

Order Date • **01/21/2016**
TDS Order # **127216**

Sold To:
Metabiota
425 California street
suite 200
San Francisco, CA 94104 US
2023208338

Ship To:
Metabiota Inc
(b)(6)
8757 Georgia ave
Suite 800
Silver Spring, MD 20910 US
2023208338

Service	TDS Fee	Gov't Fee**	Item Total
(b)(6) Departure:02/05/2016			
Kenya: Multiple Entry Visa 6 months, Business, Same Day or 24 hours	$145.00	$145.00	$290.00
(b)(6) Departure:02/05/2016			
Kenya: Multiple Entry Visa 6 months, Business, Same Day or 24 hours	$145.00	$145.00	$290.00
Return Shipping Client Pickup			$0.00

Subtotal	$580.00
Shipping	$0.00
Finance Fee	$20.30
Total	$600.30
Total Received	$600.30
Balance Due	$0.00

Billing $1238.00

TD 015 Health Informatics Support Services – Vietnam - Invoiced to completion on Invoice #239

TD 016 Georgia GIS

Objectives

Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

(b)(6) led project activities for this effort, including communications with DTRA/A&AS to communicate project status. He also led coordination with the UF SME team to discuss project needs and upcoming travel (b)(6) filed travel documentation fo(b)(6) in collaboration with (b)(6) (b)(6) also worked with(b)(6) o educate the UF contracts office on reporting requirements for T&M and FFPLOE contracts(b)(6) also participated in project calls for the CBR projects on this project.

Subject Matter Expert 1:

(b)(6) articipated in project activities on this effort, including communications with DTRA/A&AS to communicate project status. She also coordinated with the UF team to discuss invoicing and travel logistics.(b)(6) also participated in project calls and observed the videoconferences with the GG-27 and AJ TAP-11 teams.

Subject Matter Expert 2:

Narrative covers the period from 1 October 2015 – 31 March 2016.(b)(6) served as the lead SME on the GIS team. He participated in all CBR project calls, and worked with the CBR project teams to identify GIS mentoring and research specific needs(b)(6) so reviewed current geospatial modeling literature as background for preparing a plan for GG-27 data analysis and mentoring. He worked with(b)(6) establish a path forward for the GG-27/AJ TAP-11 project. He and(b)(6) conducted videoconferences with the GG-27 and AJ TAP-11 teams.

(b)(6) dditionally traveled to Tbilisi Jan. 31-Feb. 6 in order to: participate in collaborator meetings on GG-10, GG-20, GG-27 (coordinated by CH2M Hill and Avila Scientific); to conduct a on-site visit at the Lugar Center GIS Center and mentor GG-19 personnel on project-related geospatial data; and to conduct a site visit at LMA's GIS Laboratory to provide mentorship on data entry and editing on GG-20 and GG-27.(b)(6) also worked with(b)(6) to file travel documentation for(b)(6) (b)(6) upcoming trip to Tbilisi.

Research and Data Analyst:

Narrative covers the period from 1 October 2015 – 31 March 201(b)(6) provided background information on AJ biosurveillance efforts to the team and worked with(b)(6) an(b)(6) o establish a path forward for the GG-27/AJ TAP-11 project.(b)(6) Ludwig worked with the GIS teams for GG-19 on the analysis of data and provided guidance via remote communications.(b)(6) conducted videoconferences with the GG-27 and AJ TAP-11 teams. These videos are being placed online on the SEER Lab website.(b)(6) additionally traveled to Tbilisi Jan. 31-Feb. 6 in order to: participate in collaborator meetings on GG-10, GG-20, GG-27 (coordinated by CH2M Hill and Avila Scientific); to conduct a on-site visit at the Lugar

Center GIS Center and mentor GG-19 personnel on project-related geospatial data; and to conduct a site visit at LMA's GIS Laboratory to provide mentorship on data entry and editing on GG-20 and GG-27. Ms. Ludwig also worked to get up to speed on the GG-20 and GG-27 projects in advance of her April trip to Tbilisi.

CLIN 1003 – Materials and Supplies
No Material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs
DBA costs were incurred for FOIA (b)(6) travel to Tbilisi Georgia to provide GIS mentorship.

CLIN 1005 – Travel
Travel costs for the trip in January will be invoiced in April after the subcontractor invoice is correcte.

Metabiota						
TD 016 Georgia GIS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	FOIA (b)(4) to Apply to
TO 01 Cameroon PPE	01021.02.001.PPE.04				$ -
TO 01 Cameroon PPE Total					$ -
TO 02 KZ	01021.02.002.KZK.04				$ -
TO 02 KZ Total		(b)(4); (b)(6)			
TO 04 MESA	01021.02.004.MSA.04				

(b)(4); (b)(6)

TD 017 Georgia SME Grantsmanship

Objectives

Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

(b)(6) led project activities for this effort, including communications with DTRA/A&AS to communicate project status. He also led coordination with the Avila team to discuss project needs and upcoming travel. (b)(6) filed travel documentation for the Avila team's upcoming trip in April. (b)(6) participated in a teleconference with the interim director of the Laboratory of Ministry of Agriculture to seek their continued cooperation on this project and the potential identification of additional mentees.

Subject Matter Expert 1:

(b)(6) participated in project activities on this effort, including communications with DTRA/A&AS to communicate project status. She also coordinated with the Avila team to discuss project needs and upcoming travel. (b)(6) drafted travel documentation for the Avila team's upcoming trip in April. (b)(6) participated in a teleconference with the Avila team and LMA to seek their continued cooperation on the project.

Subject Matter Expert 2:

(b)(6) led the Grantsmanship mentoring on this project, holding weekly teleconferences with the mentees at LMA. They worked with (b)(6) to file travel documentation for their upcoming trip to Tbilisi. (b)(6) have begun working with the mentees to identify potential collaborators and prepare their draft white papers for submission to Horizon 2020 and ISTC for possible funding.

CLIN 1003 – Materials and Supplies

No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced during this period.

CLIN 1005 – Travel

No travel costs are being invoiced this period.

Metabiota						
TD 017 Georgia SME						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 018 Georgia Visiting Scientist Genomics

Objectives

Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:

(b)(6) ed project activities for this effort, including communications with DTRA/A&AS to communicate project status. He also led coordination with (b)(6) discuss project implementation. He drafted and edited narrative for reporting purposes, and reviewed and approved subcontractor invoices and reports.

Visiting Scientist

(b)(6) provided mentorship on genomics for the Georgian scientists at NCDC and LMA who do work at the Lugar Center. Specificall(b)(6) continued working with (b)(6) and (b)(6) on their comparative genomics analyses of *F. tularensis* strains. He also mentored (b)(6) and (b)(6) in optimizing draft genome assembly strategies and performing annotations using the Georgian Samtredia *Shigella* strain (described in past reports as a *Shigella*-like bacteria isolated in Georgia). (b)(6) is assisting the Georgians in developing a white paper on this *Shigella* work to potentially be used in seeking additional funding (b)(6) also continued working with (b)(6) on the assembly of the draft genome of the Georgian anthrax STI vaccine strain.

CLIN 1003 – Materials and Supplies

No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs

DBA allocation is applied to this contract for FOIA (b)(6) to continue work in country.

CLIN 1005 – Travel

No travel costs are being invoiced this period.

Metabiota						
TD 018 Georgia Genomics						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

FOIA (b)(4)

Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	to Apply to
TD 01 Cameroon PPE	01021.02.001.PPE.04				$
TD 01 Cameroon PPE Total					$
TD 02 KZ	01021.02.002.KZK.04				$
TD 02 KZ Total					
TD 04 MESA	01021.02.004.MSA.04				

(b)(4); (b)(6)

(b)(4); (b)(6)

TD 019 Georgia Visiting Scientist Microbiology

Objectives
Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) led project activities for this effort, including communications with DTRA/A&AS to communicate project status. He also led coordination with (b)(6) to discuss project implementation, and provided guidance on what directions to gently steer the Georgians in with regards to future project implementation and seeking additional funding. (b)(6) wrote a letter to the TAP-11 team indicating that Metabiota's position is that the project is IRB-exempt (b)(6) also participated in the CBR project calls for TAP-11.

Subject matter 1:
(b)(6) participated in project activities on this effort, including communications with DTRA/A&AS to communicate project status. She also coordinated with (b)(6) to discuss project implementation (b)(6) also participated in drafting narrative for reporting purposes.

Visiting Scientist
(b)(6) provided mentoring to the Georgian scientists at NCDC and LMA. He also participated in regular project coordination calls with (b)(6) and drafted narrative and bullets for reporting purposes. He assisted the TAP 11 PI on navigating the IRB issues and facilitating communications between Illumina Labs (the provider of the kits) and NCDC (b)(6) also began working with a Lugar Center scientist (b)(6) on drafting a manuscript for research on pathogens in bats. He is providing guidance in conjunction with (b)(6) from CDC (b)(6) is also investigating reference manager solutions (EndNote, Zotero) for the Georgian scientists. He further provided guidance and inputs to microbiologists at Lugar Center on a poster submission for a conference to occur in Munich (b)(6) also provided guidance and support in helping LMA evaluate which AIV probes to use. He worked with Lugar Center scientists on developing responses to reviewer comments on a *Yersinia* white paper proposal for the DTRA BAA. He has also been coordinating with both the Batumi Zonal Diagnostic Laboratory and Cambridge to discuss AIV diagnostic troubleshooting and at the end of the month identified a need for a trip to Batumi to do mentoring.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs
DBA allocation was applied to this project for Ryan Arner to continue providing support in country.

CLIN 1005 – Travel
No travel costs are being invoiced this period.

Metabiota						
TD 019 Georgia Microbiology						
CLIN 1002						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

FOIA (b)(6)

Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	to Apply to
TD 01 Cameroon PPE	01021.02.001.PPE.04				$ -
TD 01 Cameroon PPE Total					$ -
TD 02 KZ	01021.02.002.KZK.04				$ -
TD 02 KZ Total					
TD 04 MESA	01021.02.004.MSA.04				

(b)(4); (b)(6)

(b)(4); (b)(6)

TD 020 Gabon Initial Engagement SME Support - Invoiced to Completion Invoice #729.

TD 021 Field Epidemiology Training - Iraq

Objectives

Conduct remote trainings on epidemiology and BS&S Biorisk management for one cohort of Iraqi scientists, and also engage them to familiarize them with the Iraq National Biological Emergency Response Plan and work on a gap analysis of said plan. Conduct remote trainings on epidemiology for a second cohort.

Period of Performance: 02/19/16 – 05/15/16

CLIN 1002 – Labor

Program Manager:

(b)(6) have supported all project activities to date (b)(6) has worked closely with CBEP, in-country and WMRI SMEs to facilitate project kick-off, receipt of training materials, review of BS&S needs and establishment of project meetings and routine calls supporting this engagement. They conducted a meeting with Watermark Risk Management International to facilitate their engagement on the project providing BS&S SME support developing and adapting training materials. The MB PM team held an in-person meeting with (b)(6) on 29 March to discuss project details and LOE projections. In addition, both PMs have participated in interviews and hiring of Epi Trainers as SMEs for this project, and will continue to support these efforts until the project team is complete, and fully engaged. The PMs have reviewed sub-contracting requirements for engagement of WMRI, and initiated review of the received BS&S materials, in addition to overseeing the project team. The team conducted meetings with Iraq FETP POC (b)(6) to collect existing epidemiology training materials. The team also received a list of topics (b)(6) believes should be included in the trainings, and we will initiate research into Tephinet, CDC, and WHO developed materials for inclusion / adaptation once the Epi Trainers are on board.

Subject Matter Expert 1:

SMEs (b)(6) have supported project activities in direct coordination with the PMs. They have participated in routine project calls, meetings, and assisted in the identification and engagement of the project team.

Specifically (b)(6) has utilized her regional network to engage potential partners, SMEs, and FLNs for training activities. She has met with WMRI to review BS&S needs for the project and will work closely with them for the development and implementation of BS&S training components. She received existing and approved BS&S training materials from CBEP and began coordinating and performing review of the materials for use during the training. The team will meet to discuss material review and the way forward in early April.

(b)(6) has coordinated all project activities to include development of the project schedule and CDRL requirements, initiation and participation in interviews with candidates for Epi Training positions, coordination of conference calls, and meetings to support engagement with in-country POCs and determination of participants, training topics and available materials for approval and adaptation on the project. She coordinated submission of a mutual non-disclosure agreement to American Councils, in support of identifying FLN trainers for this event through their in-country network and past training engagements in the region. Should they be successful in identifying appropriate FLNs, we will request approval to contract with them for this project.

Subject Matter Expert 2:
WMRI SME 2 (b)(6) participated in in person and teleconference meetings with DTRA, CBEP A&AS and Metabiota personnel. He worked to assist (b)(6) with development of information requirements and recommendations for project execution. He provided email and phone communications to support in engagement with in country SMEs.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced this period.

CLIN 1005 – Travel
No travel costs are being invoiced this period.

Metabiota						
TD 021 FETP Iraq						
CLIN 1002 LABOR-100205 ACRN AH						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 022 Biosurveillance Training - Uganda

Objectives
Advance the Biosafety and Biosecurity capacity in Uganda through the development, coordination and execution of a pilot biosurveillance study focused in Rift Valley Fever (RVF), Avian Influenza (AI), and Peste des Petuts Ruminants Virus (PPRV). Provide subject matter expertise to assist participants in development and submission of grant proposals, and development of Standard Operating Procedures to increase enhance local skills in early detection and prevalence determination of RVF AI and PPR.

Period of Performance: 3/21/16- 5/15/16

CLIN 1002 – Labor

Research and Data Analyst:
Metabiota Project Coordinato(b)(6) provided operational writing and editing support to the development of this technical proposal at the direction of AEP leadership.

CLIN 1003 – Materials and Supplies
No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced this period

CLIN 1005 – Travel
No travel costs are being invoiced this period.

Metabiota						
TD 022 Uganda BSV						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 023 One Health Epidemiology Short Course – South Africa

Objectives

Increase the operational biosafety and bio-surveillance capacity through the development of a One Health Epidemiology short course tailored to the needs of South Africa. Increase the sustainability of the course work through development of a train the trainer module to be delivered to select South African trainers of the short course.

Period of Performance:

CLIN 1002 – Labor

Program Manager:

Metabiota Africa Regional Program Manage (b)(6) provided oversight and contributed significantly to the development of submission of the technical proposal. operational outlines for the development of this technical proposal. He convened internal meetings and worked with AEP leadership towards proposal development.

Subject Matter Expert 1:

Metabiota Project Coordinator FOIA (b)(6) provided operational writing and editing support to the development of this technical proposal at the direction of the PM and with support from AEP leadership.

CLIN 1003 – Materials and Supplies

No material costs are being invoiced this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced this period

CLIN 1005 – Travel

No travel costs are being invoiced this period.

Metabiota						
TD 023 One Health Epi South Africa Short course						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Program Management Review Travel Costs

Objectives
Travel San Francisco to present the Annual Program Management Review(PMR) for AEP

Period of Performance: 02/17/16 – 02/19/16

CLIN 1005 – Travel
Travel costs invoiced this period include airfare and lodging fo(b)(6) (b)(6) as well as lodging fo(b)(6) to attend the Annual PMR in February as well as Per Diem costs for(b)(6) Additionally costs for ground transport for the team to travel to and from the meeting and to and from the airport.

Metabiota		
AEP PMR Travel		
CLIN 1005 TRAVEL		
Transaction Description	CURRENT INVOICE	CUMULATIVE INVOICED
(b)(4); (b)(6)		

Hotel Diva
440 Geary Boulevard
San Francisco, CA 94102
Phone : +1 844.592.4559
Fax :
Email : reservations@hoteldiva.com
Website : www.hoteldiva.com

DIVA

Guest Statement

Reservation # : 5949835
Folio Name : Metabiota (131)

Guest Name : (b)(6)
Company : Metabiota
Address :

Property : Hotel Diva
Room : Salon Junior Suite King : 719

Arrival : Tue Feb 16, 2016 -2 Night(s)
Departure : Thu Feb 18, 2016
Guests : 1 Adults / 0 Children

Phone : +1 301-219-5496
Alt :
Fax :
Email : (b)(6)

Invoice

Date	Category	Description	Room		Tax		Amount
2/16/16	Room Charge	Room Charge	Salon Junior Suite King : 719	$	50.81	$	309.00
2/16/16	Amex	Name: (b)(6) Account # (b)(4); (b)(6) Exp. Date: 04/19	Salon Junior Suite King : 719	$	0.00	$	719.62
2/17/16	Room Charge	Room Charge	Salon Junior Suite King : 719	$	50.81	$	309.00

Room Charges	: $	618.00
Incidentals	: $	0.00
Taxes & Service Charges	: $	101.62
Total	**: $**	**719.62**
Payments	: $	719.62
Balance	**: $**	**0.00**

Payment Authorization

I agree to pay indicated total amount below according to card issuer agreement.

Amount : $ 719.62
Payer : (b)(6)
Account # (b)(4); (b)(6) Amex
Exp Date : 04/19

Signature : _____
Date : _____

Booked on : Tue Jan 05, 2016 04:28PM By : taung
Printed on : Tue Feb 23, 2016 01:25PM

a InnCenter Powered By

800-468-6294
BWI Daily Garage
SP Plus Parking
Transaction-Id: H0541
500003573
Ticket-Nr.: 42010723
6
EX: 22/19/16 09:36
Total: $ 48.00
Validations: $ 0.00

AMEX
XXXXXXXXXXX1253
$48.00
552718

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE
Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YCLXK9
Invoice No.:	74392	**Agent:**	(b)(6)
Issue Date:	Wednesday, January 20, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	FOIA (b)(6)

• If you would like to view your reservation online with Check My Trip, Click Here

AIR - Tuesday February 16 2016

United Airlines Flight UA1662 Economy Class

Check In Confirmation: PLYECV *(*24 Hours Prior)*

Depart:	8:30 AM, Tuesday, February 16 Ronald Reagan National Arpt. Terminal B Washington, District of Columbia, USA	**Arrive:**	11:51 AM, Tuesday, February 16 San Francisco Intl. Arpt. Terminal 3 San Francisco, California, USA
Status:	Confirmed		
Booking Code:	T (Economy		
Equipment:	Boeing 737-800	**Stops:**	Non-stop
Duration:	6 hours 21 minutes	**Seat:**	34D (Non smoking) Confirmed
Meal:	Food For Purchase		

Weather · Flight Status *(*up to 3 days prior)* · Dining Reservations

AIR - Thursday February 18 2016

United Airlines Flight UA2046 Economy Class

Check In Confirmation: PLYECV *(*24 Hours Prior)*

Depart:	2:33 PM, Thursday, February 18 San Francisco Intl. Arpt. Terminal 3 San Francisco, California, USA	**Arrive:**	10:38 PM, Thursday, February 18 Ronald Reagan National Arpt. Terminal B Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Boeing 737-800	**Stops:**	Non-stop
Duration:	5 hours 5 minutes	**Seat:**	36D (Non smoking) Confirmed
Meal:	Food For Purchase		

Weather · Flight Status *(*up to 3 days prior)* · Dining Reservations

Invoice Details

Transaction / Document	Base	Tax	Total
United Airlines / 016 7796738005	388.84	57.36	446.20

Form of Payment: AX (b)(4); (b)(6)

Processing Fee / 890 0659668236		43.00		43.00
	Form of Payment: AX(b)(4); (b)(6)			
	Totals:	431.84	57.36	USD 489.20

Total Charged to Credit Card: USD 489.20
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• YOUR RESERVATION NUMBER WITH UNITED AIRLINES IS PLYECV. UNITED AIRLINES CONTACT PHONE NUMBER IS 1-800-538-2929 FARE $446.20 BAGGAGE CHARGES MAY APPLY. FOR MORE INFO..PLEASE VISIT
• UNITED AIRLINES-WWW.UNITED.COM BAGGAGE ALLOWANCE-SPECIFIC SIZE/WEIGHT RESTRICTIONS VARY BETWEEN AIRLINES. EXCESS CHARGES MAY APPLY IF EXCEEDED.

• Please check in 2 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time is 60 minutes prior to departure.

• Government-Issued picture ID is required or 2 pieces gov non picture ID showing name/date of birth/gender

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• This is an electronic ticket valid only on issuing airline.

• Photo ID and Etkt itinerary required for check in. Boarding passes required prior to entering security.

• Freq. Flyer nbr for United Airlines not provided please provide at check in.

• View your itinerary at www.checkmytrip.Com use your last name and trip locator YCLXK9

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service.

Invoice No: 74392

access more

Federal law forbids the carriage of certain hazardous materials such as aerosols fireworks, and flammable liquids aboard the aircraft If you do not understand these restrictions, contact your airline or go to http //www.faa.gov/about/initiatives/hazmat_safety/

Sent To

(b)(6)

Hotel Diva
440 Geary Boulevard
San Francisco, CA 94102
Phone : +1 844.592.4559
Fax :
Email : reservations@hoteldiva.com
Website : www.hoteldiva.com

DIVA

Guest Statement

Reservation # : 5949837
Folio Name : Metabiota (131)

Guest Name : (b)(6)
Company : Metabiota
Address :

Property : Hotel Diva
Room : Junior Suite King : 519

Phone : FOIA (b)(6)
Alt :
Fax :
Email : (b)(6)

Arrival : Tue Feb 16, 2016 -2 Night(s)
Departure : Thu Feb 18, 2016
Guests : 1 Adults / 0 Children

Invoice

Date	Category	Description	Room		Tax		Amount
2/16/16	Room Charge	Room Charge	Junior Suite King : 519	$	50.81	$	309.00
2/17/16	Room Charge	Room Charge	Junior Suite King : 519	$	50.81	$	309.00
2/18/16	Amex	Name (b)(6) Account # : (b)(4); (b)(6) Exp. Date: 04/19	Junior Suite King : 519	$	0.00	$	719.62

Room Charges	: $	618.00
Incidentals	: $	0.00
Taxes & Service Charges	: $	101.62
Total	**: $**	**719.62**
Payments	: $	719.62
Balance	**: $**	**0.00**

Payment Authorization

I agree to pay indicated total amount below according to card issuer agreement.

Amount : $ 719.62
Payer : (b)(6)
Account # : (b)(4); (b)(6) Amex
Exp Date : 04/19

Signature : _____
Date : _____

Printable Version

ETICKET RECEIPT IS ATTACHED
******* PLEASE REVIEW YOUR ITINERARY CAREFULLY*******
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	ZHGE2R
Invoice No.:	75197	**Agent:**	(b)(6)
Issue Date:	Friday, February 12, 2016	**Customer:**	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104	**Deliver:**	FOIA (b)(6)

• If you would like to view your reservation online with Check My Trip Click Here

AIR - Tuesday February 16 2016

United Airlines Flight UA5809 Economy Class
Operated By Subsidiary/Franchise
Check In With SKYWEST DBA UNITED EXPRESS

Check In Confirmation: GD6HEH

Depart:	8:57 AM, Tuesday, February 16 John Wayne Airport Santa Ana, California, USA	**Arrive:**	10:30 AM, Tuesday, February 16 San Francisco Intl. Arpt. Terminal 3 San Francisco, California, USA
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	E7W	**Stops:**	Non-stop
Duration:	1 hours 33 minutes	**Seat:**	22D (Non smoking) Confirmed
FF Number:	(b)(4); (b)(6)	**Meal:**	None

Weather · Flight Status *(up to 3 days prior)* · Dining Reservations

AIR - Thursday February 18 2016

United Airlines Flight UA5965 Economy Class
Operated By Subsidiary/Franchise
Check In With SKYWEST DBA UNITED EXPRESS

Check In Confirmation: GD6HEH

Depart:	10:40 AM, Thursday, February 18 San Francisco Intl Arpt Terminal 3 San Francisco, California, USA	**Arrive:**	12:17 PM, Thursday, February 18 John Wayne Airport Santa Ana, California, USA
Status:	Confirmed		
Booking Code:	H (Economy)		
Equipment:	E7W	**Stops:**	Non-stop
Duration:	1 hours 37 minutes	**Seat:**	Assigned at Check In
FF Number:	(b)(4); (b)(6)	**Meal:**	None

Weather · Flight Status *(up to 3 days prior)* · Dining Reservations

Invoice Details

Transaction / Document	Base	Tax	Total

United Airlines / 016 7800816198		398.14	58.06	456.20
		Form of Payment: AX XXXXXXXXXXXX1055		
Processing Fee / 890 0659820678		43.00		43.00
		Form of Payment: AX XXXXXXXXXXXX1055		
	Totals:	441.14	58.06	USD 499.20

Total Charged to Credit Card: USD 499.20
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• Your reservation number with United Airlines is GD6HEH. United Airlines contact phone number is 1-800-538-2929.

• Fare $407.20

• Baggage charges may apply. For more info..Please visit the airlines website to see the exact charges. Baggage allowance-Specific size/weight restrictions vary between airlines. Excess charges may apply if exceeded

• Please check in 2 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time is 60 minutes prior to departure

• Government-issued picture ID is required or 2 pieces gov non picture ID showing name/date of birth/gender

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• United Airlines freq. flyer nbr wkw91787 appended

• This is an electronic ticket valid only on issuing airline.

• Photo ID and Etkt itinerary required for check in. Boarding passes required prior to entering security

• View your itinerary at www.checkmytrip.Com use your last name and trip locator ZHGE2R

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service.

Invoice No: 75197

access more

Federal law forbids the carriage of certain hazardous materials, such as aerosols, fireworks and flammable liquids aboard the aircraft. If you do not understand these restrictions, contact your airline or go to http://www.faa.gov/about/initiatives/hazmat_safety/

Sent To FOIA (b)(6) metabiota@uniglobekentlands.com Invoices@uniglobekentlands.com

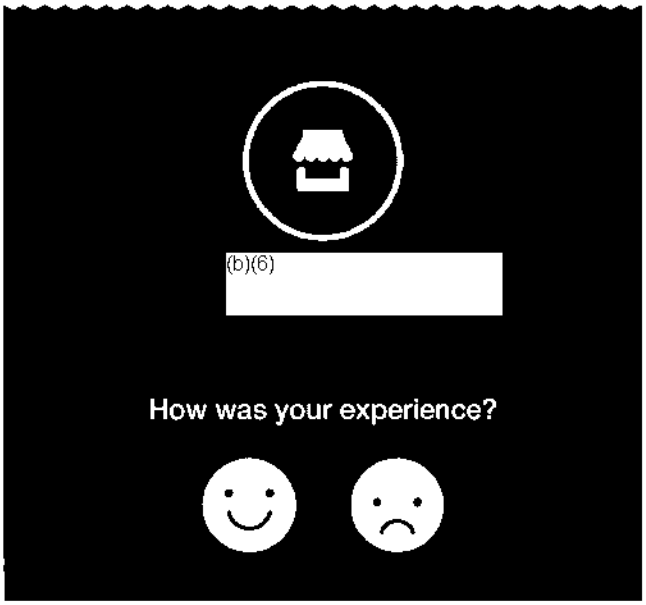
Subject: Receipt from (b)(6)

Date: Tuesday, February 16, 2016 at 12:12:46 PM Pacific Standard Time

From: (b)(6) via Square

To: (b)(6)

Reply to this email to leave feedback for FOIA (b)(6)



$56.70

Custom Amount	$49.30
Subtotal	$49.30
Tip	$7.40
Total	$56.70

FOIA (b)(6)

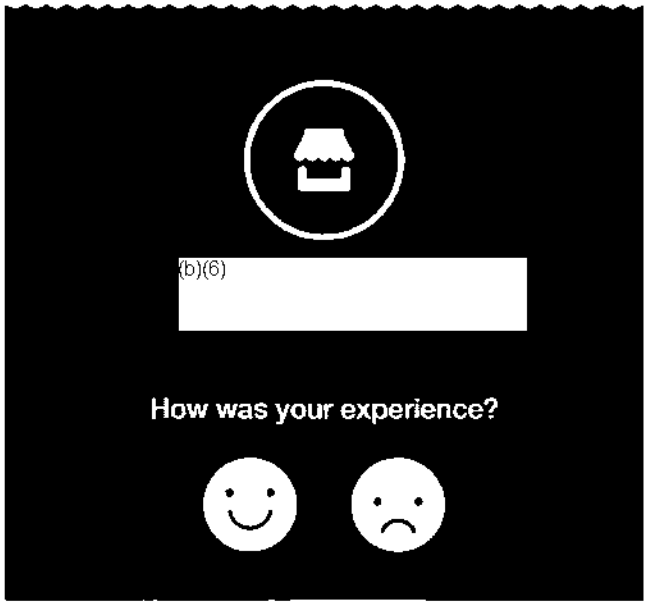
Subject: Receipt from (b)(6)

Date: Thursday, February 18, 2016 at 9:46:34 AM Pacific Standard Time

From: (b)(6) Square

To:

Reply to this email to leave feedback for FOIA (b)(6)



$60.00

Custom Amount	$50.00
Subtotal	$50.00
Tip	$10.00
Total	$60.00

FOIA (b)(6)

Hotel Diva
440 Geary Boulevard
San Francisco, CA 94102
Phone : +1 844.592.4559
Fax .
Email : reservations@hoteldiva.com
Website : www.hoteldiva.com

DIVA

Guest Statement

Reservation # : 5949847
Folio Name : Metabiota (131)

Guest Name (b)(6)
Company : Metabiota
Address :

Property : Hotel Diva
Room : Executive King : 622

Phone : FOIA (b)(6)
Alt :
Fax
Email (b)(6)

Arrival : Tue Feb 16, 2016 -2 Night(s)
Departure : Thu Feb 18, 2016
Guests : 1 Adults / 0 Children

Invoice

Date	Category	Description	Room		Tax		Amount
2/16/16	Room Charge	Room Charge	Executive King : 622	$	50.81	$	309.00
2/16/16	Amex	Name (b)(6) Account #: (b)(4); (b)(6) Exp. Date: 04/19	Executive King : 622	$	0.00	$	719.62
2/17/16	Room Charge	Room Charge	Executive King : 622	$	50.81	$	309.00

Room Charges	: $	618.00
Incidentals	: $	0.00
Taxes & Service Charges	: $	101.62
Total	**: $**	**719.62**
Payments	: $	719.62
Balance	**: $**	**0.00**

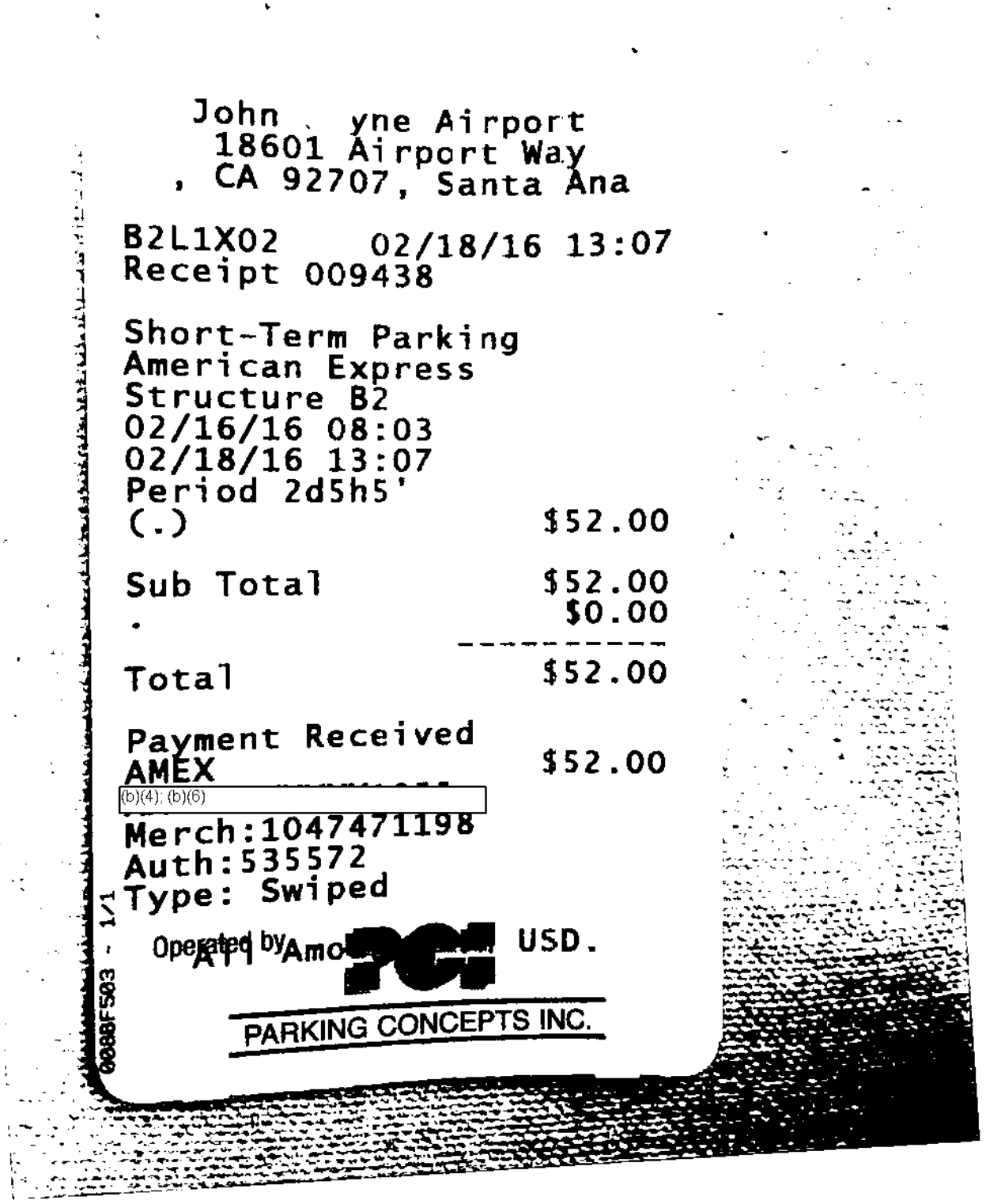
Payment Authorization

I agree to pay indicated total amount below according to card issuer agreement.

Amount : $ 719.62
Payer : (b)(6)
Account # : (b)(4); (b)(6) Amex
Exp Date : 04/19

Signature _____
Date _____

Center



John yne Airport
18601 Airport Way
, CA 92707, Santa Ana

B2L1X02 02/18/16 13:07
Receipt 009438

Short-Term Parking
American Express
Structure B2
02/16/16 08:03
02/18/16 13:07
Period 2d5h5'
(.) $52.00

Sub Total $52.00
. $0.00
Total $52.00

Payment Received
AMEX $52.00
(b)(4); (b)(6)
Merch:1047471198
Auth:535572
Type: Swiped

Operated by Amo USD.

PARKING CONCEPTS INC.

0088F503 - 1/1

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	Booking Ref.:	YCMSAN
Invoice No.:	74408	Agent:	(b)(6)
Issue Date:	Wednesday, January 20, 2016	Customer:	MBA
Billing:	METABIOTA INC 425 CALIFORNIA STREET SUITE 200 CA 94104		

• If you would like to view your reservation online with Check My Trip: Click Here

AIR - Tuesday February 16 2016

United Airlines Flight UA1662 Economy Class

Check In Confirmation: PQLMLK *(*24 Hours Prior)*

Depart:	8:30 AM, Tuesday, February 16 Ronald Reagan National Arpt. Terminal B Washington, District of Columbia, USA	Arrive:	11:51 AM, Tuesday, February 16 San Francisco Intl. Arpt. Terminal 3 San Francisco, California, USA
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Boeing 737-800	Stops:	Non-stop
Duration:	6 hours 21 minutes	Seat:	35C (Non smoking) Confirmed
Meal:	Food For Purchase		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

AIR - Thursday February 18 2016

United Airlines Flight UA2046 Economy Class

Check In Confirmation: PQLMLK *(*24 Hours Prior)*

Depart:	2:33 PM, Thursday, February 18 San Francisco Intl. Arpt. Terminal 3 San Francisco, California, USA	Arrive:	10:38 PM, Thursday, February 18 Ronald Reagan National Arpt. Terminal B Washington, District of Columbia, USA
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Boeing 737-800	Stops:	Non-stop
Duration:	5 hours 5 minutes	Seat:	25D (Non smoking) Confirmed
Meal:	Food For Purchase		

Weather | Flight Status *(up to 3 days prior)* | Dining Reservations

Invoice Details

Transaction / Document	Base	Tax	Total
United Airlines / 016 7796738023	388.84	57.36	446.20

Form of Payment: A(b)(4); (b)(6)

Processing Fee / 890 0659668251		43.00		43.00
	Form of Payment: AX (b)(4); (b)(6)			
	Totals:	431.84	57.36	USD 489.20

Total Charged to Credit Card: USD 489.20
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees/Allowances

Important Information

• YOUR RESERVATION NUMBER WITH UNITED AIRLINES IS PQLMLK. UNITED AIRLINES CONTACT PHONE NUMBER IS 1-800-538-2929 FARE $446.20 BAGGAGE CHARGES MAY APPLY. FOR MORE INFO..PLEASE VISIT
• UNITED AIRLINES-WWW.UNITED.COM BAGGAGE ALLOWANCE-SPECIFIC SIZE/WEIGHT RESTRICTIONS VARY BETWEEN AIRLINES. EXCESS CHARGES MAY APPLY IF EXCEEDED.

• Please check in 2 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time is 60 minutes prior to departure.

• Government-Issued picture ID is required or 2 pieces gov non picture ID showing name/date of birth/gender.

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• This is an electronic ticket valid only on issuing airline.

• Photo ID and Etkt itinerary required for check in. Boarding passes required prior to entering security.

• Freq Flyer nbr for United Airlines not provided please provide at check in

• View your itinerary at www.checkmytrip.Com use your last name and trip locator YCMSAN

• Monday-Friday 9am-6pm eastern time call 1-800-552-6425. For emergency service after hours call 1-888-565-9174 and give access code DCA352100. Note: it is not possible to make new reservations with the after hours service.

Invoice No: 74408

access more

Federal law forbids the carriage of certain hazardous materials, such as aerosols, fireworks, and flammable liquids aboard the aircraft. If you do not understand these restrictions, contact your airline or go to http://www.faa.gov/about/initiatives/hazmat_safety/

Sent To Invoices@uniglobekentlands.com (b)(6) metabiota@uniglobekentlands.com

Print Close

From: **Uber Receipts** (receipts.washington.DC@uber.com)
Sent: Tue 2/16/16 5:33 AM
To: (b)(6)

FEBRUARY 17, 2016

$30.33

Thanks for choosing Uber FOIA (b)(6)

FARE BREAKDOWN

Base Fare	1.15
Distance	10.09
Time	4.21
Normal Fare	**$15.45**
Surge x1.6	9.27
Subtotal	**$24.72**
Safe Rides Fee (?)	**1.35**
DC Taxicab Commission Fee (?)	**0.26**
DCA Airport Surcharge (?)	**4.00**

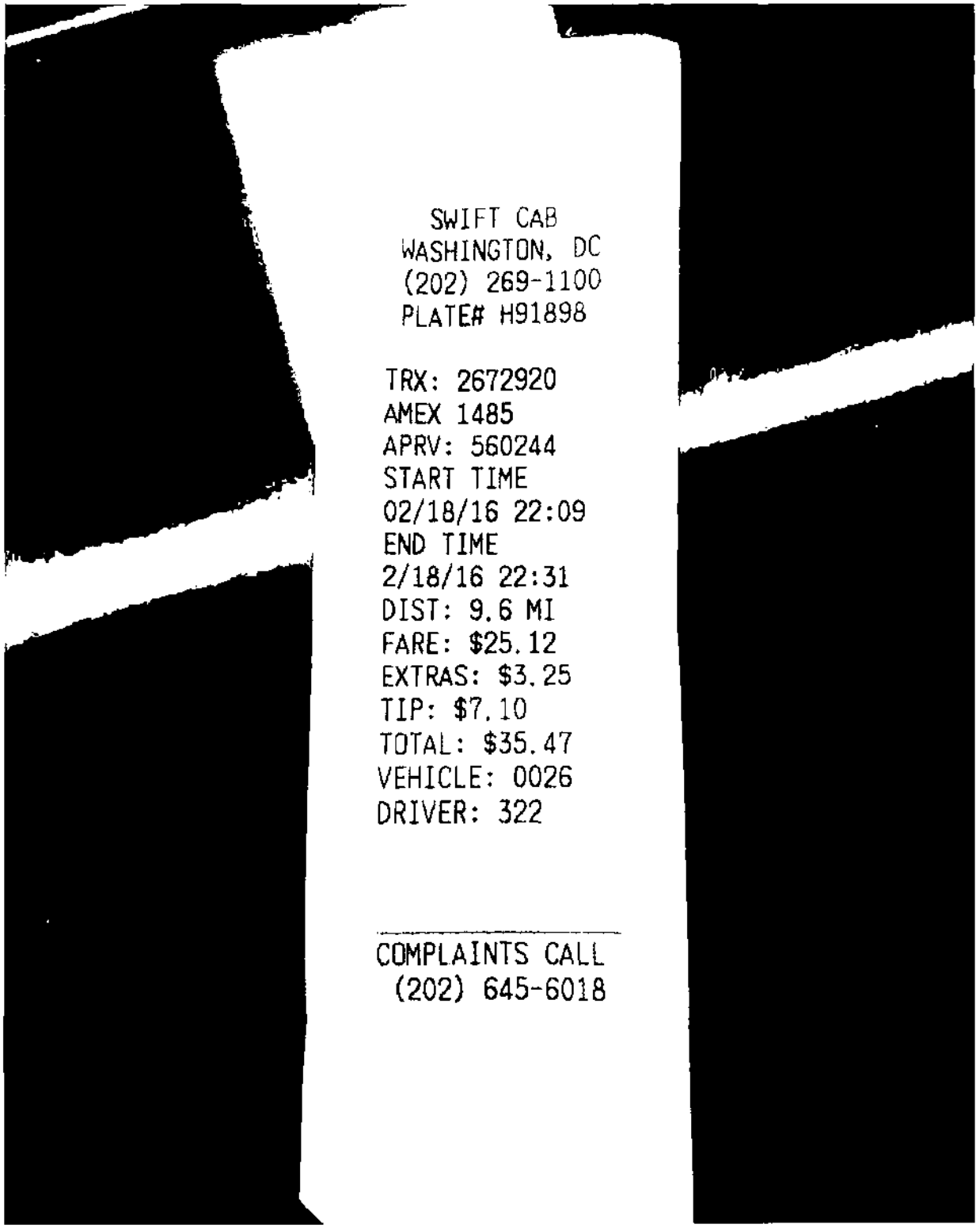
CHARGED
Personal •••• 6917 **$30.33**

06:08am
FOIA (b)(6)

06:33am
2401 S Smith Blvd, Arlington, VA

CLASS	MILES	TRIP TIME
uberX	9.89	00:24:47

(b)(6) You rode with (b)(6)



SWIFT CAB
WASHINGTON, DC
(202) 269-1100
PLATE# H91898

TRX: 2672920
AMEX 1485
APRV: 560244
START TIME
02/18/16 22:09
END TIME
2/18/16 22:31
DIST: 9.6 MI
FARE: $25.12
EXTRAS: $3.25
TIP: $7.10
TOTAL: $35.47
VEHICLE: 0026
DRIVER: 322

COMPLAINTS CALL
(202) 645-6018



$58.50

Custom Amount	$48.75
Subtotal	$48.75
Tip	$9.75
Total	$58.50

FOIA (b)(6)

Fog city cab

FOIA (b)(6)



$55.68

Custom Amount	$46.40
Subtotal	$46.40
Tip	$9.28
Total	$55.68

FOIA (b)(6)

(b)(6)

Hotel Diva
440 Geary Boulevard
San Francisco, CA 94102
Phone : +1 844.593.4559
Fax :
Email : reservations@hoteldiva.com
Website : www.hoteldiva.com

DIVA

Guest Statement

Reservation # : 5949843
Folio Name : Metablota (131)

Guest Name : (b)(6)
Company : Metablota
Address :

Property : Hotel Diva
Room : Junior Suite King : 416

Phone : FOIA (b)(6)
Alt :
Fax :
Email : (b)(6)

Arrival : Tue Feb 16, 2016 -2 Night(s)
Departure : Thu Feb 18, 2016
Guests : 1 Adults / 0 Children

Invoice

Date	Category	Description	Room		Tax		Amount
2/16/16	Room Charge	Room Charge	Junior Suite King : 416	$	50.81	$	309.00
2/16/16	Amex	Name (b)(6) Account # (b)(4); (b)(6) Exp. Date: 04/19	Junior Suite King : 416	$	0.00	$	719.62
2/17/16	Room Charge	Room Charge	Junior Suite King : 415	$	50.81	$	309.00

Room Charges	: $	618.00
Incidentals	: $	0.00
Taxes & Service Charges	: $	101.62
Total	**: $**	**719.62**
Payments	: $	719.62
Balance	**: $**	**0.00**

Payment Authorization

I agree to pay indicated total amount below according to card issuer agreement.

Amount : $ 719.62
Payer : (b)(6)
Account # : (b)(4); (b)(6) Amex
Exp Date : 04/19

Signature : _____
Date : _____

Hotel Diva
440 Geary Boulevard
San Francisco, CA 94102
Phone : +1 844.592.4559
Fax :
Email : reservations@hoteldiva.com
Website : www.hoteldiva.com

DIVA

Guest Statement

Reservation # : 5949830
Folio Name : Metabiota (131)

Guest Name : (b)(6)
Company : Metabiota
Address :

Property : Hotel Diva
Room : Junior Suite King : 316

Phone : FOIA (b)(6)
Alt :
Fax :
Email : (b)(6)

Arrival : Tue Feb 16, 2016 -2 Night(s)
Departure : Thu Feb 18, 2016
Guests : 1 Adults / 0 Children

Invoice

Date	Category	Description	Room		Tax		Amount
2/16/16	Room Charge	Room Charge	Junior Suite King : 316	$	50.81	$	309.00
2/16/16	Amex	Name (b)(6) Account # (b)(4); (b)(6) Exp. Date: 04/19	Junior Suite King : 316	$	0.00	$	719.62
2/17/16	Room Charge	Room Charge	Junior Suite King : 316	$	50.81	$	309.00

Room Charges	: $	618.00
Incidentals	: $	0.00
Taxes & Service Charges	: $	101.62
Total	**: $**	**719.62**
Payments	: $	719.62
Balance	**: $**	**0.00**

Payment Authorization

I agree to pay indicated total amount below according to card issuer agreement.

Amount : $ 719.62
Payer : (b)(6)
Account # : (b)(4); (b)(6) Amex
Exp Date : 04/19

Signature : _____
Date : _____

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Invoice and Narrative 10/01/16-10/31/16

Prepared for:

Prepared by:

METABIOTA

Invoice October 1-31 2016

Remit To:
Metabiota, Inc.
425 California St. 2nd Floor
San Francisco
CA
94104

Bill To:
Defense Threat Reduction Agency
8725 John J. Kingman Rd.
Ft. Belvoir
VA
22060-6201

CLIN	CURRENT INVOICE	CUMULATIVE INVOICED
CLIN 1001	$ 111,635.33	$ 2,552,240.56
CLIN 1002	$ 285,840.58	$ 5,831,075.91
CLIN 1003	$ 1,851.47	$ 510,289.63
CLIN 1004	$ 2,463.40	$ 28,743.56
CLIN 1005	$ 2,341.76	$ 322,539.40
TOTAL	**$ 404,132.54**	**$ 9,244,889.06**

Active Projects

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing - Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 - 11/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) reviewed, edited, and submitted the final report/lessons learned document for this effort.
(b)(6) also reviewed, edited and finalized other administrative reporting for this effort.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No DBA costs are applied this period.

CLIN 1005 – Travel
Travel costs invoiced include costs for IC FOIA (b)(6) to travel to Cameroon and execute the training event in August. Costs include Per diem and Visa payments.

Metabiota						
TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

METABIOTA INC.

REQUEST FOR PAYMENT OF SHORT TERM CONSULTANTS (STC)

INDEPENDENT CONSULTANTS (IC)

Name: (b)(6)

Exchange Rate(s): 1€ = 1,13$

Dates (mm/dd/yy)		Description of services, work performed or expense for reimbursement	Quantity	Cost	Currency	Exchange Rate (to USD)	Total Cost (USD)
From	To						
7/19/16		Visa (doc1)	1	186.2	EUR	1.1021	$205.21
7/18/16		visa sending (doc 2)	1	26	EUR	1.1075	$28.80
8/6/16	08/13/2016	Perdiem (Yaoundé, Cameroon)	6	111	USD	1	$666.00
8/6/16	08/13/2016	Perdiem (Yaoundé, Cameroon), travel days	2	83.25	USD	1	$166.50

$1,066.51

ASSISTANCE ET CONSEIL

FACTURE

(6)(6)

N° TVA :

Client : 025123 | **FACTURE N° : 614015** | **Date : 19.07.16**

Références		Montant Non Taxable	Montant Taxable
N.BORD N° 737411 DU 19.07.16	- OM :		
V/DOSSIER(S) BOUE VANINA	- REF:		
DEBOURS CAMEROUN		125,00	
SOCIETE	- LOC:		
VISA EN DELAI NORMAL			23,00
CHRONOPOST			28,00

IBAN : FR76 3006 6108 9800 0100 4110 187 BIC : CMCIFRPP

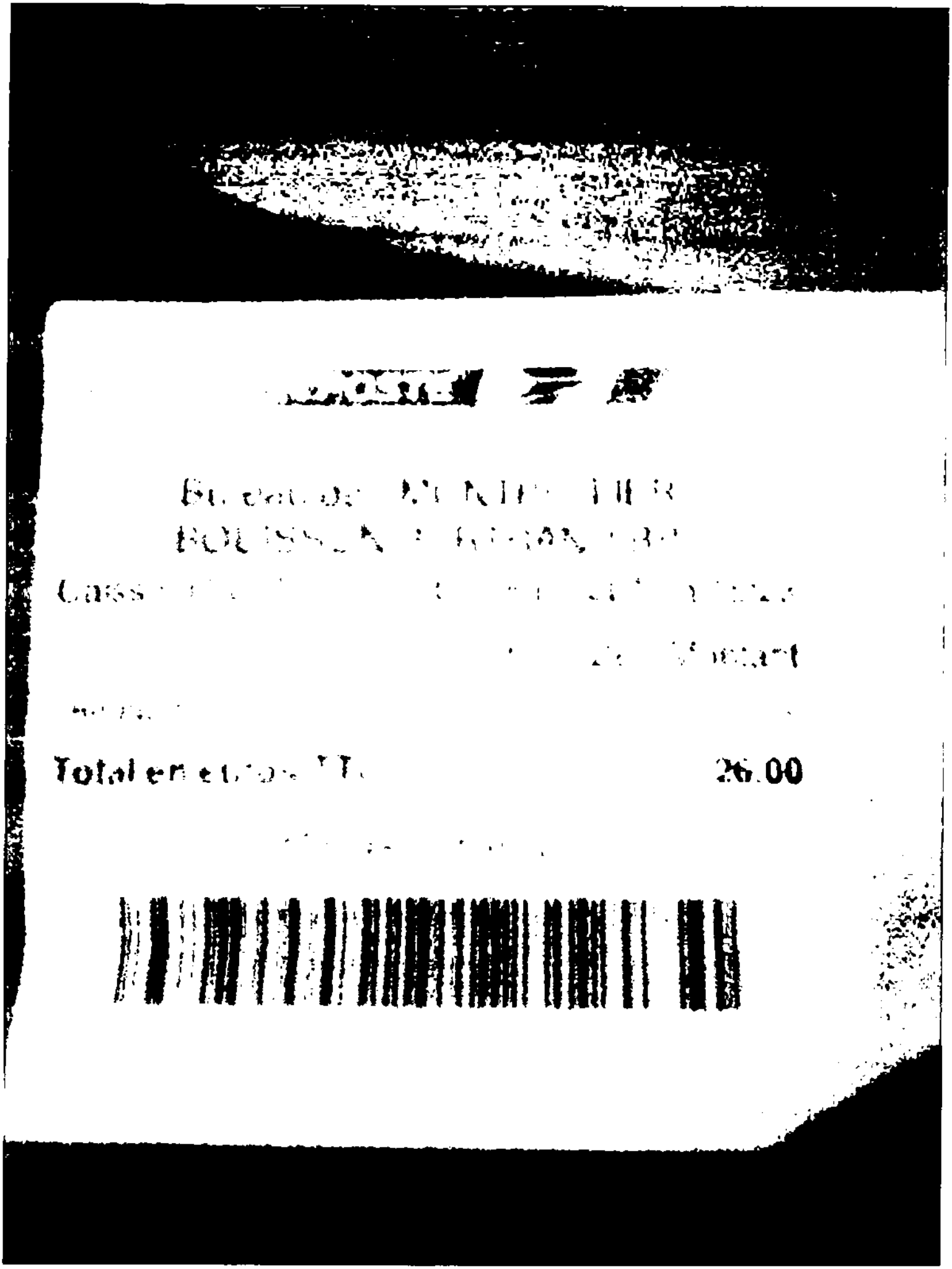
T.V.A ACQUITEE SUR LES DEBITS

FACTURE PAYABLE A RECEPTION COMPTE TENU DES FRAIS AVANCES POUR VOTRE COMPTE LES SOMMES ECHUES FERONT L'OBJET, POUR LES PROFESSIONNELS, D'UNE FACTURATION FORFAITAIRE DE 40.00 € HT ET PORTERONT INTERET AU TAUX DE 5% PAR MOIS DE RETARD.
VSI SE RESERVE LE DROIT DE CONSERVER DES DOCUMENTS SI MALGRE SES RELANCES, UNE FACTURE RESTE IMPAYEE

Montant H.T	Taux TVA	Montant	Montant TTC
125,00 51,00	20,00%	10,20	186,20

NET A PAYER TTC 186,20 €

V.S.I SAS au capital de 37 000 €
Assistance et Conseil en Commerce International
2 place des Hauts Tilliers - Parc des Barbanniers 92230 GENNEVILLIERS - Tél 08 26 46 79 19 - Fax 08 26 46 79 20 - www.vsi-visa.com
RC NANTERRE N° B 330 388 349 - FR 47 330 388 349 - APE 7022 Z



TD 009 NHLS BS&S Training - South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/2015 - 11/15/2016

CLIN 1002 – Labor

Program Manager:
(b)(6) held email and phone communications with the in-country NHLS team to discuss project status and administrative and technical issues including subcontract closeout. (b)(6) also reviewed, edited and finalized other administrative reporting for this effort. (b)(6) also held a teleconference with DTRA/A&AS to discuss project status. (b)(6) further researched and initiated procurement of calipers for fit-testing of personnel and drafted and coordinated a CLS form for this shipment with DTRA/A&AS.

Trainer 1:
(b)(6) participated in email and phone communications with the in-country NHLS team to discuss project status and administrative and technical issues. (b)(6) also drafted and assisted drafting of other administrative and reporting documents for this effort including monthly reports, quad charts, and financial summaries. (b)(6) also participated in a teleconference with DTRA/A&AS to discuss project status.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No ODC costs are invoiced this period.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota						
TD 009 NHLS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

TD 013 One Health Epidemiology Training - Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015 – 11/15/2016

CLIN 1002 – Labor

Program Manager:
Metabiota Regional Africa Program Manager (b)(6) continued to lead regular communications with in country performer, CDC-Uganda. He also scheduled and lead communications with DTRA CBEP Uganda representation. Additionally, during this period, (b)(6) received and began to produce a requested summary and fact sheet document detailing all training implementation that was facilitated by Metabiota.

AFRICOM FLN-1:
Hours incurred include the remaining 60 hours for IC FLN (b)(6) to complete the training executed in September.

CLIN 1003 – Materials and Supplies
Material and Supplies costs invoiced this period include transaction fees and communication costs incurred during execution of the training event in September and not previously invoiced.

CLIN 1004 – ODCs
No DBA costs are invoiced this period.

CLIN 1005 – Travel
Travel costs incurred this period include remaining costs from training implementation in September.

Metabiota						
TD 013 One Health Epi						
CLIN 1002 Labor						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

METABIOTA

Metabiota, Inc.

CASH RECEIPT

Name of Recipient (b)(6)

Purpose of expence Communications support for OHE Training held between Sept 19th and 23rd, 2016 in Fort Portal, Uganda.

Project Number AED TO-073

Amount (in digits and in words) ($75/Seventy Five US dollars

Date 9/19/16

$75 Comm costs
$9 Trasaction fee
No receipt
$84.90

Signature of Recipient

(b)(6)

Handled by

(b)(6)

01021.02.013.OHU.05	Airport Parking to support Imp	APV		100.00
01021.02.013.OHU.05	Airport transfer for TD-013 Ug	APV		10.00
01021.02.013.OHU.05	Travel Consultation	APV		68.00
01021.02.013.OHU.05	Facilitation payment for Indep	APV	(b)(6)	247.00
				425.00

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

THANKS YOU FOR PARKING
AT
WASHINGTON-DULLES INTERNATIONAL AIRPORT

PARKING RECEIPT

SOUTHLAND PRINTING
SHREVEPORT, LA.

815394

BUGONGA AIRPORT TAXI OPERATORS AND CO-OPERATIVE SOCIETY LTD (BATCOS).

Tel : 0756 752204
Mob : 0776 987657

P.o Box 186
Entebbe,

RECEIPT

No. D2 022

Date: 17 [illegible]

Received from.....

The sum of shillings / USD ....Ten USD.....

.....

Being payment of .....Transport.....

Cash / Cheque No. .....

Vehicle Reg. No. UAS 6196

Shs./USD. 10 USD

With thanks

TERMS STRICTLY CASH ONLY

Client's Name:.....

Signature.....

Driver's Name.... (b)(6)

Signature.....

PASSPORT HEALTH®

First Class Medical Care For Travel Anywhere

Invoice

Invoice ID: 419556
Patient ID: 1467338
First Name: (b)(6)
Last Name:

Location
Passport Health
1145 19th Street N.W., Suite 608
Washington DC 20036
202-561-3600
www.passporthealth.com/dc-metro

Date of Service: 07/20/2016 (b)(6)		**NPI:** 0000000000	**Place of Service:** 11
Appointment Date: 07/20/2016		**Medical Director:**	

Description	CPT	ICD-10	Price	Qty	Total
Office Visit: Individual (Travel Counseling/Shots)	9[illegible]1	Z71.89	$68.00	1.00	$68.00

Destinations: Ethiopia, Uganda

Paid

Invoice Summary

Services		$68.00
Immunizations and Medication		$0.00
Supplies		$0.00
Sales Tax	5.750 %	$0.00
Total		**$68.00**

Nurse's Signature: (b)(6)

I have reviewed and signed the consent form(s) for the vaccinations indicated above or have received the Travel Itinerary book, which contains the information about the vaccination(s) I received. I have been informed about the recommended vaccinations, possible side effects, and contraindications, and have had the chance to ask questions. I understand the benefits and risks of the vaccination(s) and request that the vaccine(s) be given to me.

I understand that Passport Health does NOT accept ANY health insurance-including Medicare and Medicaid and that I am solely responsible for any and all payment for services. Upon my request, Passport Health will submit a courtesy electronic insurance claim for me and request that all reimbursement checks be sent directly to me. Medicare and Medicaid are not eligible. I understand that travel supplies and medications are non-returnable. I understand I will receive documentation of all vaccines received and am responsible for keeping the record in a safe place and up-to-date. Passport Health keeps active records on file. Inactive records are kept on file for 5 years. I have read and agree to the paragraphs above:

Signature: (b)(6)

METABIOTA

Metabiota, Inc.

CASH RECEIPT

Name of Recipient Bernard Lubwama

Purpose of expence Per Diem payment for OHE Training held between Sept 19th and 23rd, 2016 in Fort Portal, Uganda.

Project Number AEP TD-073

Amount (in digits and in words) $247.00/Two Hunderd Forty Seven US dollars

Date 9/19/16

Signature of Recipient

(b)(6)

Handled by

(b)(6)

TD 016 Georgia GIS

Objectives

Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15 - 11/15/16

CLIN 1002 – Labor

Program Manager:

(b)(6) held email and phone communications with the University of Florida (UF) GIS team to discuss project status and administrative and technical issues. He also participated in CBR project calls with the greater CBR project teams. (b)(6) further reviewed administrative documents, including invoices, quad charts, and other reporting documents. (b)(6) also communicated with LMA to inquire about the status of data for the GG-20 effort and encourage participation in the GoToMeeting mentorship sessions. (b)(6) also participated in email and phone communications with DTRA/A&AS to discuss project status.

Subject Matter Expert 1:

(b)(6) participated in email and phone communications with University of Florida team to discuss project status and administrative and technical issues. (b)(6) also drafted and assisted drafting of other administrative and reporting documents for this effort including monthly reports, quad charts, and financial summaries. (b)(6) also participated in email and phone communications with DTRA/A&AS to discuss project status.

Subject Matter Expert 2:

(b)(6) participated in email and phone communications with (b)(6) to discuss project status. (b)(6) provided oversight to the UF team on all aspects of the project, including UF administrative issues and the GIS spatial epidemiology expertise required for the three CBR projects. (b)(6) also participated in CBR project calls with the greater CBR project teams. (b)(6) has continued working on developing outlines for manuscripts for all three CBR projects.

Research and Data Analyst:

(b)(6) participated in email and phone communications with (b)(6) to discuss project status. (b)(6) continued working on the R package encapsulating GIS spatial epidemiology algorithms and routines previously implemented in Excel and successfully ironed out all bugs in both the algorithms and the implementation of the software package. (b)(6) further assisted (b)(6) in developing vignettes for sample testing of the R package using both data from the Georgia projects and other publicly available data. (b)(6) assisted in testing the R package using data from GG-19. (b)(6) (b)(6) also held weekly GoToMeeting mentorship sessions with the Georgian scientists to help them understand the process of analyzing the data from the CBR projects. (b)(6) further worked on analyzing data from GG-19 and assisted (b)(6) on the outlining of the manuscript for GG-19. (b)(6) hours are high this month due to delayed invoicing from the subcontractor with his hours. (b)(6) has been working full time on this program since June.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No ODC costs are invoiced this period.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota						
TD 016 Georgia GIS						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

TD 017 Georgia SME Grantsmanship

Objectives
Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/15 – 11/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) held email and phone communications with Avila Scientific to discuss project status and any ongoing issues (b)(6) along with (b)(6) reviewed subcontractor invoices and reports. (b)(6) (b)(6) also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports. (b)(6) also reviewed, revised, and filed travel documentation with DTRA for mentor travel in that took place late October and early November.

Subject Matter Expert 1:
(b)(6) participated in email and phone communications with Avila Scientific to discuss project status and any ongoing issues. (b)(6) reviewed subcontractor invoices and reports. (b)(6) (b)(6) also drafted reporting instruments including quad charts, invoicing, and monthly reports.

Subject Matter Expert 2:
(b)(6) participated in email and phone communications with Avila Scientific to discuss project status and any ongoing issues. (b)(6) conducted in-country and remote (via Skype) grantsmanship mentoring with LMA scientists. In particular, she worked with them on identifying collaborators, developing full proposals, budgeting, and responding to reviewer comments. She also assisted them with understanding some of the mechanical processes of applying to grant opportunities.

Trainer 2:
(b)(6) in conducting in-country and remote grantsmanship mentoring of LMA scientists. In particular, she worked with them on the coordination aspects of the grant application process, in identifying collaborators, and developing budgets.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No ODC costs are invoiced this period.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metablota

TD 017 Georgia SME

CLIN 1002

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

TD 018 Georgia Visiting Scientist Genomics

Objectives
Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 08/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) held email and phone communications with (b)(6) to discuss project status and any ongoing issues. (b)(6) along with (b)(6) reviewed subcontractor invoices and reports. (b)(6) also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports. (b)(6) also communicated with A&AS to obtain clarifications on proposal submission process and status of pre-coordination for an effort on which (b)(6) mentoring the Georgian scientists.

Subject Matter Expert 1:
(b)(6) participated in email and phone communications with (b)(6) to discuss project status and any ongoing issues. (b)(6) reviewed subcontractor invoices and reports. (b)(6) (b)(6) also drafted reporting instruments including quad charts, invoicing, and monthly reports.

Visiting Scientist
(b)(6) participated in email and phone communications to discuss project status and ongoing issues. (b)(6) continued genomics and bioinformatics mentorship activities. (b)(6) continued mentoring (b)(6) in various in silico methods to identify whole genome-level variable-number tandem repeats (VNTRs) in bacterial genomes. (b)(6) additionally provided mentorship to (b)(6) (b)(6) in identifying and validating pathogen virulence plasmid sequences from raw next generation sequence data. He also provided (b)(6) with a review of the data requirements for a manuscript on *Francisella tularensis*. (b)(6) also continued investigating additional software tools for bioinformatics mentoring. Furthermore, (b)(6) completed co-drafting of the genome announcement report for the anthrax vaccine strain 55, which was submitted for DTRA review.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
DBA costs are applied for (b)(6) total compensation.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota

TD 018 Georgia Genomics

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Prrogram Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	Apply to program
TD 13 OHE Total					$ -
TD 18 Georgia Genomics Total					$ 431.20
TD 19 Georgia Micro Total					$ 336.56
TD 21 Iraq FETP Total					$ 878.12
TD22 Uganda BSV Total					$ 117.25
TD 023 OHE South Africa Total					$ 123.38
Grand Total					$ 1,886.50

TD 019 Georgia Visiting Scientist Microbiology

Objectives
Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 – 11/15/16

CLIN 1002 – Labor

Program Manager:
(b)(6) held email and phone communications with (b)(6) to discuss project status and any ongoing issues. (b)(6) also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports.

Subject matter 1:
(b)(6) participated in email and phone communications with (b)(6) to discuss project status and any ongoing issues. (b)(6) also drafted reporting instruments including quad charts, invoicing, and monthly reports.

Visiting Scientist
(b)(6) participated in email and phone communications to discuss project status and ongoing issues. (b)(6) continued mentorship activities (b)(6) continued to work with LMA and the Azerbaijani anti-plague station to draft a white paper and further polish project design of a tularemia project, in addition to assisting the identification of potential funding sources. He continued working with Lugar Center scientists on outlining and drafting a manuscript on anthrax meningitis. He also provided assistance in resolving the procurement issues of the leptospirosis and anthrax kits required for the Jordan collaboration as well as drafting the quarterly report for that activity. (b)(6) additionally met with the GG-19 PI and the Lugar Center statistician to discuss enhancing the media comparison report. (b)(6) also helped Lugar Center scientists think through and frame a potential dog brucellosis manuscript. (b)(6) continued to familiarize himself with the mass spec system, in addition to preparing recommendations for the NCDC leadership for the best use of this system.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
DBA costs are applied for (b)(6) otal compensation.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Completed by Prrogram Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	to Apply to program
TD 13 OHE Total					$ -
TD 18 Georgia Genomics Total					$ 431.20
TD 19 Georgia Micro Total					$ 336.56
TD 21 Iraq FETP Total					$ 878.12
TD22 Uganda BSV Total					$ 117.25
TD 023 OHE South Africa Total					$ 123.38
Grand Total					$ 1,886.50

Metabiota

TD 019 Georgia Microbiology

CLIN 1002

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
Lee, Dennis	Program Manager	$138.94	0.00	$0.00	124.00	$17,228.56

(b)(4); (b)(6)

TD 021 Field Epidemiology Training - Iraq

Objectives
Conduct remote trainings on epidemiology and BS&S Biorisk management for one cohort of Iraqi scientists, and also engage them to familiarize them with the Iraq National Biological Emergency Response Plan and work on a gap analysis of said plan. Conduct remote trainings on epidemiology for a second cohort.

Period of Performance: 02/19/16 – 11/15/16

CLIN 1002 – Labor

Program Manager:
PMs (b)(6) have supported all project activities to date. PMs participated in routine meetings with DTRA CBEP and A&AS teams to facilitate updates and activities according to the project schedule, discuss challenges faced, and support routine implementation and tracking of project deliverables. The PMs have maintained visibility with DTRA CBEP on project status and have offered solutions to address project obstacles.

(b)(6) continued to work with all stakeholders to ensure successful execution of the remote training courses and completion of the NBEP gap analysis. He worked with SME's (b)(6) (b)(6) to continue review and finalization of the NBEP gap analysis, as well as Iraqi stakeholders. He participated in routine project calls and meetings with trainers, Iraqi partners, and CBEP stakeholders on a weekly basis to facilitate program implementation and provide expertise and input where needed. In addition, (b)(6) provided technical guidance and coordination of locally procured materials to ensure they met the standards required for the training and to adjust requirements when materials were not available to ensure successful execution of the HOT. (b)(6) participated in the opening of the HOT course and will provide administrative support throughout the event.

(b)(6) continued to manage administrative components of the project to include the schedule, LOE, budget, and delivery and submission of CDRLs. (b)(6) supported both local and US procurement, coordinating with the team to ensure all materials were purchased and secured according to standard and market availability. She executed and completed contractual requirements, to include contract modifications to facilitate project efforts and realign costs accordingly to support implementation for URC and epi trainers on the project. She participated in routine project calls and meetings with trainers, Iraqi partners, and CBEP stakeholders on a weekly basis to facilitate program implementation and provide expertise and input where needed. In addition, she continued to work with the project team to coordinate the CLS logistics requirements following approval of the request, as well as the transfer, storage, and use of all materials being procured in country to support the HOT course, to include completion of the Transfer of Materials (TOM). (b)(6) participated in the epidemiology and BS&S trainings and provided administrative assistance, as needed to facilitate the training sessions, to include attendance tracking, uploading of resources, recorded videos, and troubleshooting. She also assisted in close out of the remote training sessions. In addition, she has provided administrative support throughout the execution of the HOT. Lastly, (b)(6) responded to the TD modification for Rev 3 submitted and approved by CBEP.

Subject Matter Expert 1:

(b)(6) continued to provide assistance and expertise in completion of the gap analysis during this period. She worked with (b)(6) to provide input to the analysis, review language, and develop graphics required for the report. (b)(6) participated in routine communication with WRMI, PC and PMs.

The Project Coordinator, (b)(6) worked in coordination with the PMs to facilitate and implement the project. She continued to provide assistance in maintaining the project schedule, preparation of CDRL requirements, communication with training teams, LOE, material review and procurement, and coordination of routine project conference calls with all stakeholders. She continued coordination of PAO approval for materials, as well as supporting the logistics requirements for the HOT. (b)(6) participated in remote training sessions to provide administrative assistance, including attendance tracking, uploading of resources, recorded videos, and troubleshooting. In addition, (b)(6) continued to coordinate with the trainees to ensure attendance and any challenges faced were addressed and routed to the appropriate individuals. She worked with URC and Metabiota procurement personnel to secure materials for the HOT course, and compiled materials for use in the HOT. In addition, (b)(6) supported the PM in responding to the TD revision and supported close out of remote trainings for Cohort I and II.

Epidemiology SMEs (b)(6) and (b)(6) continued to participate in routine project calls and regular email communications with Metabiota PC and PMs. They worked with the epidemiology team to complete execution and delivery of the Cohort II remote training course. They assisted in the development of the HOT schedule and other requirements, to include trainer delivery of each course and module. As well, they participated in dry-runs and coordination with the local trainers in preparation for the HOT and compiled all necessary materials for the course. They provided input for the Cohort II TEP and began development of additional information for the after-action report. In addition, (b)(6) continued to facilitate internal meetings with the epi team for coordination and administrative support in maintaining the epidemiology content on the LMS site, to include finalization of the post-test for student distribution and completion.

WRMI SME (b)(6) participated in routine project calls and communications with WRMI personnel to support execution of the BS&S and HOT portions of the course. He delivered the BS&S remote course. In addition, he provided administrative support to team members in completing deliverable requirements on the project.

Subject Matter Expert 2:

WRMI SMEs, (b)(6) participated in routine project calls with Metabiota personnel and developed information requirements and recommendations for project execution via email and phone communications. They participated in dry-runs and coordination for the HOT, to include donning/doffing guidelines and training with FLNs to ensure successful execution of practicum portions of the HOT. They conducted BS&S remote trainings (b)(6) continued procurement coordination with the Metabiota and URC teams for execution of the HOT to include comparisons of materials received, inventories of supplies, and adaptation / planning of course delivery due to variance in materials between US and Iraq supplies. In addition, they conducted the HOT course and completed all BS&S requirements for the event. (b)(6) continued to assist Metabiota SMEs in completion of the gap analysis.

Epidemiology Trainer, [redacted] participated in routine project calls and regular email communications with Metabiota PC and PMs. She executed to the Cohort II Advanced Epidemiology remote training. She participated in dry-runs, planning and coordination for the HOT, and attended the opening of course.

Research and Data Analyst:

URC SMEs [redacted] continued to provide operational project support. As the US based project coordinator, [redacted] communicates routinely with URC's Iraq based team to ensure FLNs are attending and providing routine technical/administrative support during the remote training sessions. In addition, she worked directly with [redacted] and the procurement team to ensure all materials were sourced in country and procured to facilitate the HOT. She provided routine updates to Metabiota project team members and coordinated with URC leadership to ensure completion and delivery of CDRLs. In addition, [redacted] provided coordination and oversight of her team in preparation and scheduling for the HOT.

[redacted] participated in routine project calls, meetings, and email communications with Metabiota, URC US-based team members, and in-country stakeholders to ensure operational project needs were executed in-country. He worked with the procurement team to finalizing all procurement necessary for the HOT. He continued to coordinate with in-country stakeholders to assist in facilitating the transfer of materials and chain of custody for all locally procured items. He provided routine in-country updates and in-country information necessary to support completion of deliverables and project requirements. In addition, he worked with all stakeholders to facilitate and execute the HOT.

Please note: Originally [redacted] were reported as SME Is, however, with a labor rate reduction they have been moved to RDAs to provide a cost savings to the Government.

WRMI RDA, [redacted] continued to provide administrative and technical support to the WRMI project team during execution and completion of the remote BS&S course. She provided trainer support during execution of the HOT and continued to communicate routinely with Metabiota personnel in support of project execution for all BS&S course needs. In addition, she continued to provide LMS administrative support to the epidemiology team, trouble-shooting any challenges faced and supporting the close out of Cohort II training through posting of tests, materials, etc.

WRMI RDA [redacted] completed the monthly invoice requirement on the project.

Epidemiology Trainer, [redacted] in coordination with the other epidemiology instructors executed and completed the Cohort II advanced epidemiology remote training. As well, she finalized materials and participated in dry-runs in preparation for the HOT. She participated in routine project calls and communicated regularly with PC, PMs, and the epidemiology project team. In addition, she took part in the HOT kick-off and prepared for upcoming lectures.

Iraqi Advisor [redacted] participated in routine project calls with the PC, PMs, and URC team to support project implementation. He attended epidemiology and BS&S training sessions to observe participation and execution of the course. In addition, he spoke with participants to gather feedback and provide updates to the Metabiota project team. He met with MoH officials in preparation for the HOT and supported logistics requirements with TTI. In addition, he attended the HOT and provided support to the local training team and participants, as needed.

FLN Trainer [redacted] continued to attend and support Cohort I and II epidemiology and BS&S remote training courses. He was actively engaged in facilitating the online training to include participating in discussion sessions, assisting trainees with troubleshooting, encouraging participation, and responding to questions. As well, he participated in dry-runs in support of the HOT, and facilitated the first two days of the training with other FLN instructors.

Foreign Local Nationals:

FLN [redacted] continued to work with the URC team to complete in-country procurement activities and finalized all procurement for the HOT. He coordinated the materials transfer to the CPHL and conducted an inventory with the CPHL staff to ensure all materials had arrived and were properly stored. In addition, he assisted in preparing and organizing all materials for the HOT. Lastly, he provided routine administrative support to the team.

FLN trainers [redacted] continued to attend and support Cohort I and II epidemiology and BS&S remote training courses. They were actively engaged in facilitating the online training to include participating in discussion sessions, assisting trainees with troubleshooting, encouraging participation, and responding to questions. In addition, they participated in dry-runs in preparation for the HOT, and [redacted] reviewed all materials with [redacted] to prepare for the training and ensure the FLNs were prepared for demonstrations [redacted] facilitated the first two days of the HOT along with [redacted]

CLIN 1003 – Materials and Supplies

The Material costs include purchases of texts and supplies for the in-country training.

CLIN 1004 – ODCs

DBA is applied at [redacted] of total compensation for all in country performers.

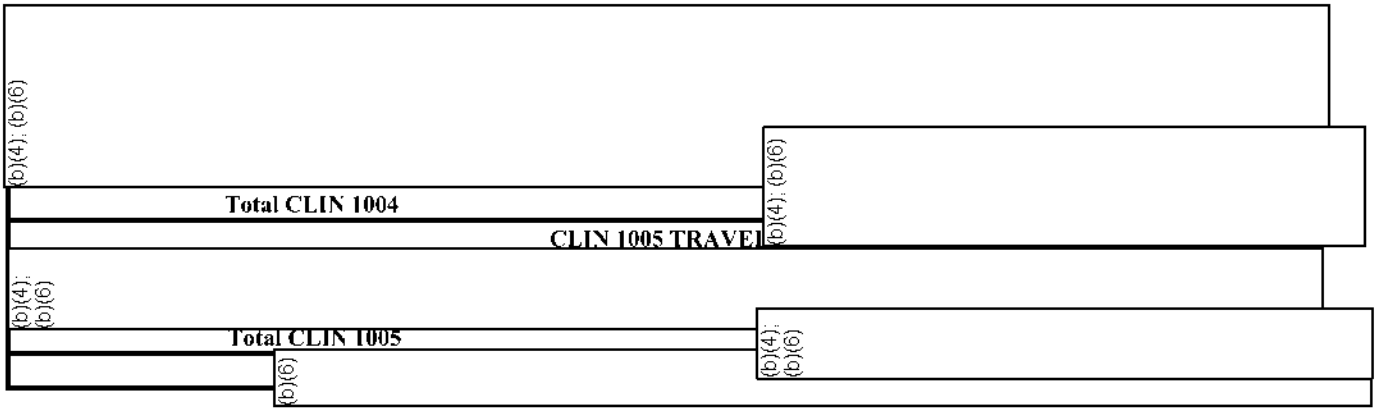
CLIN 1005 – Travel

No travel costs are invoiced this period.

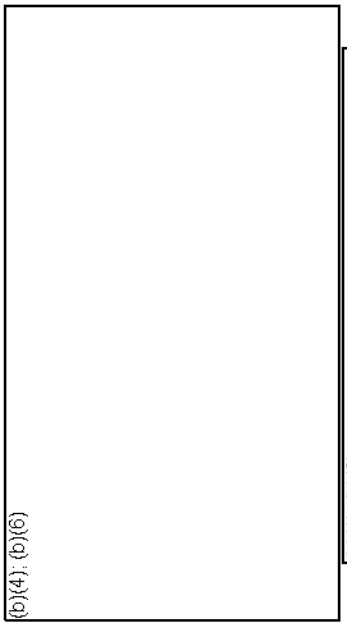
Metabiota

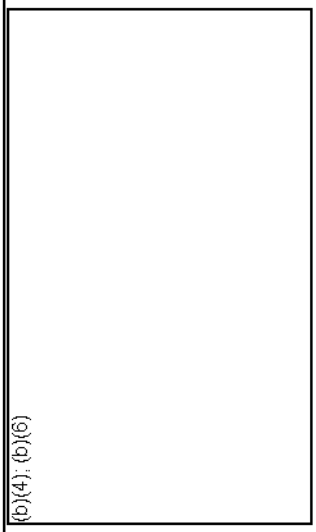
TD 021 FETP Iraq

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						
Total CLIN 1002				(b)(4); (b)(6)		
CLIN 1003 MATERIALS						
(b)(4); (b)(6)						
TOTAL						
			(b)(4); (b)(6)			
Total CLIN 1003				(b)(4); (b)(6)		
CLIN 1004 ODC						


(b)(4); (b)(6)
Total CLIN 1004
(b)(4); (b)(6)
CLIN 1005 TRAVEL
(b)(4); (b)(6)
Total CLIN 1005
(b)(4); (b)(6)
(b)(6)

Completed by Program Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	to Apply to program
TD 13 OHE Total					$ -
TD 18 Georgia Genomics Total					$ 431.20
TD 19 Georgia Micro Total					$ 336.56
TD 21 Iraq FETP Total					$ 878.12
TD22 Uganda BSV Total					$ 117.25
TD 023 OHE South Africa Total					$ 123.38
Grand Total					$ 1,886.50





Training Materials $ 984.42

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Order Placed: October 13, 2016
Amazon.com order number: 111-5893385-7733814
Order Total: $11.98

Not Yet Shipped

Items Ordered	Price
1 of: *ACM Economy Wash Bottle, LDPE, Squeeze Bottle Medical Label Tattoo (500ml / 16oz / 1 Bottle)* Sold by: ACM GLOBAL (seller profile) Condition: New	$10.99

Shipping Address:

(b)(6)

Shipping Speed:
Economy Shipping

Payment information

Payment Method:
Visa | Last digits: 7777

Billing address

(b)(6)
425 California St
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$10.99
Shipping & Handling:	$0.00
Total before tax:	$10.99
Estimated tax to be collected:	$0.99
Grand Total:	**$11.98**

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Order Placed: October 18, 2016
Amazon.com order number: 111-5344374-2773053
Order Total: $98.60

Not Yet Shipped

Items Ordered	Price
1 of: *Moldex 9002 9000 Series Full-Face Respirator, Medium* Sold by: Amazon.com LLC Condition: New	$91.30

Shipping Address:

(b)(6)

Shipping Speed:
Two-Day Shipping

Payment information

Payment Method:
Visa | Last digits: 7777

Billing address

(b)(6)
425 California St
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$91.30
Shipping & Handling:	$0.00
Total before tax:	$91.30
Estimated tax to be collected:	$7.30
Grand Total:	**$98.60**

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Order Placed: October 4, 2016
Amazon.com order number: 111-8465360-1806632
Order Total: $98.23

Shipped on October 4, 2016

Items Ordered	**Price**
1 of: *Rubbermaid Commercial FG424300BLA Structural Foam Stock Tank, 50 Gallon Capacity* Sold by: Amazon.com LLC Condition: New	$90.95

Shipping Address:

(b)(6)

Shipping Speed:
Standard Shipping

Item(s) Subtotal:	$90.95
Shipping & Handling:	$0.00
Total before tax:	$90.95
Sales Tax:	$7.28
Total for This Shipment:	**$98.23**

Payment information

Payment Method:
Visa | Last digits: 7777

Billing address

(b)(6)
425 California St
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$90.95
Shipping & Handling:	$0.00
Total before tax:	$90.95
Estimated tax to be collected:	$7.28
Grand Total:	**$98.23**

Credit Card transactions — Visa ending in 7777: October 4, 2016: $98.23

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Print this page for your records.Print this page for your records.

Order Placed: October 4, 2016
Amazon.com order number: 111-8964505-8871461
Order Total: $7.00

Not Yet Shipped

Items Ordered	Price
1 of: *(Single) Adult 10 Mil Reusable Rain Ponchos - Clear* Sold by: Sara Glove Company (seller profile) Condition: New	$7.00

Shipping Address:

(b)(6)

Shipping Speed:
Standard Shipping

Payment information

Payment Method:
Visa | Last digits: 7777

Billing address

(b)(6)

425 California St
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$7.00
Shipping & Handling:	$0.00
Total before tax:	$7.00
Estimated tax to be collected:	$0.00
Grand Total:	**$7.00**

To view the status of your order, return to Order Summary.

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Print this page for your records.Print this page for your records.

Order Placed: October 4, 2016
Amazon.com order number: 111-5329259-4410659
Seller's order number: 59808976
Order Total: $11.32

Shipped on October 4, 2016

Items Ordered	Price
1 of: *Bounty Select-A-Size Paper Towels, White - 2 pk* Sold by: Soap.com (Quidsi Retail, an Amazon company) (seller profile) Condition: New	$5.49

Shipping Address:

(b)(6)

Shipping Speed:
Expedited Shipping

Item(s) Subtotal:	$5.49
Shipping & Handling:	$4.99
Total before tax:	$10.48
Sales Tax:	$0.84
Total for This Shipment:	**$11.32**

Payment information

Payment Method:
Visa | Last digits: 7777

Billing address

(b)(6)
425 California St
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$5.49
Shipping & Handling:	$4.99
Total before tax:	$10.48
Estimated tax to be collected:	$0.84
Grand Total:	**$11.32**

Credit Card transactions — Visa ending in 7777: October 4, 2016: $11.32

To view the status of your order, return to Order Summary.

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Details for Order #111-2359651-1818606

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Order Placed: October 4, 2016
Amazon.com order number: 111-2359651-1818606
Order Total: $8.45

Not Yet Shipped

Items Ordered	Price
1 of: *Libman Long Handle Scrub Brush* Sold by: Big Blue Supplies (seller profile) Condition: New	$8.45

Shipping Address:

(b)(6)

Shipping Speed:
Two-Day Shipping

Payment information

Payment Method:
Visa | Last digits: 7777

Billing address

(b)(6)

425 California St
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$8.45
Shipping & Handling:	$0.00

Total before tax:	$8.45
Estimated tax to be collected:	$0.00

Grand Total:	**$8.45**

To view the status of your order, return to Order Summary.

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Order Placed: October 13, 2016
Amazon.com order number: 111-5230608-1887429
Order Total: $435.88

Shipped on October 14, 2016

Items Ordered	**Price**
1 of: *Tabor Tools 2-Gallon Chemical, Bleach & Cleaner Manual Pump Sprayer, Multi-Purpose Sprayer for Controlling Insects and Weeds or Cleaning Decks and Siding, Enjoy our 12 Months Guarantee!* Sold by: Tabor Tools (seller profile) | Product question? Ask Seller Condition: New	$31.00

Shipping Address:

(b)(6)

Item(s) Subtotal:	$31.00
Shipping & Handling:	$0.00
Total before tax:	$31.00
Sales Tax:	$2.48
Total for This Shipment:	**$33.48**

Shipping Speed:
Two-Day Shipping

Shipped on October 14, 2016

Items Ordered	**Price**
1 of: *Ziploc Storage Bags - 1 qt - 48 ct* Sold by: Mr. Beauty (seller profile) Condition: New	$7.50
1 of: *Harris Pro Empty Spray Bottle (3)* Sold by: PF Harris (seller profile) Condition: New	$11.99
1 of: *BIPEE 10pcs 50ml Conical Bottom Centrifuge Tube with Graduated,Screw Cap for Laboratory* Sold by: BIPEE (seller profile) Condition: New Conical Bottom, 50ml Capacity, Screw Cap, Pack of 10pcs	$9.19

Shipping Address:

(b)(6)

Item(s) Subtotal:	$28.68
Shipping & Handling:	$0.00
Total before tax:	$28.68
Sales Tax:	$0.00
Total for This Shipment:	**$28.68**

Shipping Speed:
Two-Day Shipping

Shipped on October 14, 2016

Items Ordered **Price**

1 of: *3M Health Care FT-10 Qualitative Respiratory Fit Test Apparatus, Sweet Solution* $256.06
Sold by: Amazon.com LLC

Condition: New

Shipping Address:

(b)(6)

Item(s) Subtotal: $256.06
Shipping & Handling: $0.00

Total before tax: $256.06
Sales Tax: $20.48

Total for This Shipment: $276.54

Shipping Speed:
Two-Day Shipping

Shipped on October 14, 2016

Items Ordered **Price**

1 of: *Globe Scientific Tite-Rite 6525 Polypropylene Leak Resistant Containers with Polyethylene Separate Screw Cap, Non-Sterile, Wide Mouth, Bulk Packaging, 90mL Capacity (Case of 300)* $89.98
Sold by: Amazon.com LLC

Condition: New

Shipping Address:

(b)(6)

Item(s) Subtotal: $89.98
Shipping & Handling: $0.00

Total before tax: $89.98
Sales Tax: $7.20

Total for This Shipment: $97.18

Shipping Speed:
Two-Day Shipping

Payment information

Payment Method:
Visa | Last digits: 7777

Billing address

(b)(6)
425 California St
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal: $405.72
Shipping & Handling: $0.00

Total before tax: $405.72
Estimated tax to be collected: $30.16

Grand Total: $435.88

Credit Card transactions

Visa ending in 7777: October 14, 2016: $97.18

amazon.com

Details for Order #111-2062315-2076209

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Order Placed: October 13, 2016
Amazon.com order number: 111-2062315-2076209
Order Total: $18.00

Not Yet Shipped

Items Ordered	Price
1 of: *4359 PT# 4359- Surgeon Caps Tie-On 100/Bx by, Cardinal Health* Sold by: Treasure Zone (seller profile) Condition: New	$18.00

Shipping Address:

(b)(6)

Shipping Speed:
Standard

Payment information

Payment Method:
Visa | Last digits: 7777

Billing address

(b)(6)

425 California St
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$18.00
Shipping & Handling:	$0.00
Total before tax:	$18.00
Estimated tax to be collected:	$0.00
Grand Total:	**$18.00**

To view the status of your order, return to Order Summary.

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Details for Order #111-5583885-7217056

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Order Placed: October 13, 2016
Amazon.com order number: 111-5583885-7217056
Order Total: $984.42

Not Yet Shipped

Items Ordered	Price
1 of: *3M Versaflo Easy Clean PAPR Kit TR-300-ECK* Sold by: Buying Direct Corp (seller profile) Condition: New	$936.00

Shipping Address:

(b)(6)

Shipping Speed:
Expedited Shipping

Payment information

Payment Method:
Visa | Last digits: 7777

Billing address

(b)(6)
425 California St
Suite 200
San Francisco, CA 94104
United States

Item(s) Subtotal:	$936.00
Shipping & Handling:	$48.42
Total before tax:	$984.42
Estimated tax to be collected:	$0.00
Grand Total:	**$984.42**

To view the status of your order, return to Order Summary.

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TD 022 Biosurveillance Training - Uganda

Objectives

Advance the Biosafety and Biosecurity capacity in Uganda through the development, coordination and execution of a pilot biosurveillance study focused in Rift Valley Fever (RVF), Avian Influenza (AI), and Peste des Petuts Ruminants Virus (PPRV). Provide subject matter expertise to assist participants in development and submission of grant proposals, and development of Standard Operating Procedures to increase enhance local skills in early detection and prevalence determination of RVF AI and PPR.

Period of Performance: 3/21/16 11/15/16

CLIN 1002 – Labor

Program Manager

Metabiota Regional Africa Program Manager (b)(6) led regular bi-weekly and as needed communications with in country stakeholders. He also led communications with DTRA CBEP representation on a bi-weekly basis. He provided project and programmatic oversight to the continued implementation of the biosurveillance pilot study. He also contributed to the finalization of all project procurement needs (b)(6) additionally began working towards the development of a final project report during this time and ensured that all those working on this effort were able to offer their input where relevant.

Subject Matter Expert 1:

Represents the time of Metabiota Subcontractor (b)(6) of Africa Biomedical Laboratories (ABL). (b)(6) continued to lead the proposal development component of this project by continuing to schedule and host at length discussions with study leads (b)(6) and (b)(6) He followed up to these discussions by continuing to request their contributions regarding the development of a proposal purposed for eventual submission to a DTRA CBEP Broad Agency Announcement.

Time spent during this period is also represented by the efforts of (b)(6) contributed to the proposal development process at the guidance of (b)(6) was engaged to support proposal writing and study design portions of this effort, and additionally worked to provide back-up technical support when necessary.

AFRICOM FLN 1:

Represents the time of Metabiota Independent Consultant, (b)(6) provided technical and operational support to the Rift Valley fever biosurveillance pilot study team during this period. He served as a local community liaison tasked with engaging farmers and local government representatives in an effort to ensure that his team was able to sample the respective target animal populations. He additionally provided veterinary technical support in the form of handling and sampling of animals. (b)(6) additionally worked to support the set up and breakdown of sample collection staging areas and participated in pre and post sampling meetings with team members.

(b)(6) (AFRICOM FLN-1) provided technical and operational support to the avian influenza and peste des petits ruminants biosurveillance pilot study teams during this period. He served as a local community liaison tasked with engaging farmers and local government representatives in an effort to ensure that his teams were able to sample their respective target animal populations. He

additionally provided veterinary technical support in the form of handling and sampling of animals. Dr. Kajuna additionally worked to support the set up and breakdown of sample collection staging areas and participated in pre and post sampling meetings with team members.

CLIN 1003 – Materials and Supplies
No Materials are invoiced this period.

CLIN 1004 – ODCs
DBA expenses are incurred at (b)(6) total compensation all in country performers.

CLIN 1005 – Travel
Travel costs include Per diem support for IC Kariuki Njenga, Vaccinations for (b)(6) and one day of Per Diem for (b)(6) not previously invoiced.

Metabiota						
TD 022 Uganda BSV						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Prrogram Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	(b)(6) to Apply to program
TD 13 OHE Total					$ -
TD 18 Georgia Genomics Total					$ 431.20
TD 19 Georgia Micro Total					$ 336.56
TD 21 Iraq FETP Total					$ 878.12
TD22 Uganda BSV Total					$ 117.25
TD 023 OHE South Africa Total					$ 123.38
Grand Total					$ 1,886.50

01021.02.022.BSV.05	Per Diem Support for SM	APV	73109CASH	[redacted]	662.5
01021.02.022.BSV.05	Travel Consultation	APV	3109CBCPc		130
01021.02.022.BSV.05	Per Diem Support	APV	73109CASH		57.75
					850.25

Farragut Medical & Travel Care

815 Connecticut Avenue, NW
Washington, DC 20006
Telephone: 202-775-8500
Fax: 202-775-2464
www.farragutmedical.com

PATIENT NAME: (b)(6)

DATE: _____

Tax ID: 52-1837693 **Place of Service: 20**

CPT	Fee	DESCRIPTION	Code	Code		Fee
NEW		**OFFICE VISITS**	**ESTABLISHED**	**DIAGNOSTICS/LABORATORY**		
99402		Immunization Consultation	99402	86900	Blood type	
99201		LEVEL 1, BRIEF	99211	85025	CBC w/ diff	
99202		LEVEL 2, LIMITED	99212	80053	Complete Metab. Profile	
99203		LEVEL 3, EXPANDED	99213	88142	Cytopathology (Pap Smear)	
99204		LEVEL 4. COMPREHENSIVE	99214	82955	G6PD Screen	
99205		LEVEL 5. COMPREHENSIVE	99215	86706	Hepatitis B Surface Antibody	
		VACCINE		86703	HIV Antibody	
90632		Hepatitis A #___	Z23	87207	Malaria smear	
90746		Hepatitis B # ___	Z23	86565	Measles, Mumps	
90636		Hepatitis A & B (Twinrix) # ___	Z23	86735 76762	Rubella (MMR)	
90659		HPV (Gardasil)	Z23	82270	Occult Blood	
90658		Influenza (Trivalent)	Z23	87177	Ova & Parasites X____	
90688		Influenza (Quadrivalent)	Z23	86658	Polio Ab	
90738		Japanese Encephalitis, Inact. # ___	Z23	86580	PPD	
90707		Measles, Mumps and Rubella	Z23	86588	Rapid Strep	
90734		Meningococcal (Menactra/Menveo)	Z23	86592	RPR	
90733		Meningococcal (Menomune)	Z23	86593	RPR(Serology)	
90732		Pneumococcal	Z23	81000	Urinalysis, routine	
90713		Polio, Inactivated	Z23	86787	Varicella IgG	
90675		Rabies # ___	Z23	36415	Venipuncture	
90714		Tetanus & Diphtheria (Decavac)	Z23			
90715		Tdap (Adacel)	Z23			
90691		Typhoid Vi	Z23			
90716		Varicella	Z23			
90717		Yellow Fever	Z23	**ICD-10**	**Diagnoses**	
90736		Zoster/Shingles vaccine (Zostavax)	Z23	Z00.00	Health Assessment	
				Z71.9	Counseling, NOS	
INJECTIONS			**Fee**	Z02.89	Administrative/Sports Exam	
96372		SUB Q/IM Injection - MED		Z11.1	Screen Pulmonary TB (PPD)	
90471		Vaccine Admin-1st Inj		Z01.84	Immunity Status Testing	
90472		Vacc Admin-Ea. Addn'l x__				
PROCEDURES						
93000		EKG w/ interpretation				
99173		Visual Acuity Screen				
92555		Whisper Hearing Test				
92283		Color Vision Exam				
99999		Replacement Yellow Card				

( ) Check ( ) Cash ( ) Amex/Visa/MC

Total charges _____

Amount Paid _____

Balance Due 0

☐ **Samuel Mazella, MD**
NPI # 1528104031

☐ **Ida Bergstrom, MD**
NPI # 1366611352

☐ **Julie Cernosek, FNP-BC**
NPI# 1205204849

METABIOTA

Metabiota, Inc.

CASH RECEIPT

Name of Recipient (b)(6)

Purpose of expence Per Diem payment for facilitator support during BSV Training held between Sept August 22 and September 3, 2016 in Fort Portal, Uganda.

Project Number AEP TD-022

Amount (in digits and in words) $662.50/Six Hunderd Sixty Two US dollars : 50 Cents

Date 09/27/2016

Signature of Recipient

(b)(6)

Handled by

(b)(6)

TD 023 One Health Epidemiology Short Course – South Africa

Objectives
Increase the operational biosafety and bio-surveillance capacity through the development of a One Health Epidemiology short course tailored to the needs of South Africa. Increase the sustainability of the course work through development of a train the trainer module to be delivered to select South African trainers of the short course.

Period of Performance: 3/21/16 – 11/15/16

CLIN 1002 – Labor

Program Manager:
Represents the time of Metabiota Africa Regional Program Manager, [redacted] provided programmatic oversight throughout this period and was responsible for leading all communications with DTRA CBEP as well as programmatic communications for the internal project team. He led regular bi-weekly communication with DTRA CBEP. [redacted] additionally worked to progressively elaborate the project schedule in an effort to reflect input from project SME's in real-time. [redacted] led the 100% submission by ensuring transfer of all materials and contributed heavily to the 60% technical comment response.

Research and Data Analyst:
Represents the time of Metabiota Epidemiologist [redacted] provided technical support towards the development and adaptation of materials and contributed to the development of the 100% submission. She participated in technical and programmatic communication calls with project staff, and provided infectious disease expertise towards the overall project approach as well as the delineation between advanced and basic course work. She also reported regularly to the PM and provided an explanation of weekly production for submission to DTRA CBEP representation.

Subject Matter Expert 2:
Represents the time of Metabiota Staff Scientist [redacted] provided technical leadership and overall product development guidance towards the adaptation of all materials prior to the 100% submission point. She participated in bi-weekly programmatic conference calls and led weekly technical communications with project staff. She additionally contributed directly to the development of presentations and worked to adapt and develop training materials, and to review the work of other project SMEs to ensure an overall consistency in approach. She reported regularly to the PM and provided an explanation of weekly production for submission to DTRA CBEP representation.

Trainer 2:
Represents the time of Metabiota subcontractor [redacted] provided technical support towards the development and adaptation of materials. He participated in technical and programmatic communication calls with project staff, and provided veterinary and training program development expertise towards the overall project approach.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
DBA costs are allocated for (b)(6) of total compensation.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota						
TD 023 One Health Epi South Africa Short course						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Completed by Prrogram Manager					Completed by Finance
Project Name	Project Code	Name	SUB/IC/EMP	Total Hours	(b)(6) Apply to program
TD 13 OHE Total					$ -
TD 18 Georgia Genomics Total					$ 431.20
TD 19 Georgia Micro Total					$ 336.56
TD 21 Iraq FETP Total					$ 878.12
TD22 Uganda BSV Total					$ 117.25
TD 023 OHE South Africa Total					$ 123.38
Grand Total					$ 1,886.50

TD 025 Technical Writing Workshop - Ethiopia

Objectives
Provide capacity building and sustainability in BS&S projects by conducting a Technical Writing workshop on developing a successful research proposal and white paper. Provide mentorship and support to workshop participants in finalizing and submitting for grant support to increase the research project completed in country.

Period of Performance: 4/15/16 – 11/15/16

CLIN 1002 – Labor

Program Manager:
Represents the time of Metabiota Africa Regional Program Manager, [redacted] provided programmatic oversight throughout this period and was responsible for leading all communications with DTRA CBEP as well as programmatic communications for the internal project team. He led regular bi-weekly communication with DTRA CBEP. [redacted] additionally worked to progressively elaborate the project schedule in an effort to reflect input from project SME's in real-time. [redacted] ed the 100% submission by ensuring transfer of all materials and contributed heavily to the 60% technical comment response.

Subject Matter Expert 1:
Represents the time of Metabiota subcontractor representing the American Association for the Advancement of Science (AAAS) [redacted] continued to serve as the technical lead of this project and to maintain communication with leadership from EPHI and NAHDIC [redacted] nd the technical team to provided oversight and direct contribution to towards the development of draft DTRA BAA proposals by EPHI and NAHDIC led teams. Metabiota received revisions from AAAS and therefore is issuing a credit to the government of 77 hours for a total of 128.

[redacted] during the month of August, provided support to [redacted] as the technical project lead. [redacted] additionally worked with representation from EPHI and NAHDIC towards full proposal development, and reported timeline challenges to [redacted] also worked to encourage regular communication by EPHI and NAHDIC.

CLIN 1003 – Materials and Supplies
No material costs are invoiced this period.

CLIN 1004 – ODCs
No ODC costs are invoiced this period.

CLIN 1005 – Travel
No travel costs are invoiced this period.

Metabiota						
TD 025 Ethiopia Grants						
CLIN 1002 LABOR						
NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

Closed Projects

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan – Invoiced to Completion Invoice #729.

TD 003 Bat Borne Virus from Annual Bat Cull India has been canceled and will not be invoiced.

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop

TD 005 Iraqi Distance Learning has been canceled and will not be invoiced.

TD 006 Nipah Research Activity Project has been canceled and final costs were invoiced on invoice #725.

TD 007 Regional Baseline Assessment has been invoiced to completion on invoice #725.

TD 008 Clinician Training has been invoiced to completion invoice #726.

TD 010 One Health Epidemiology Training in South Africa has been invoiced to completion on invoice #731

TD 011 Ukraine TADR Activity Project 4 (TAP-4) has been invoiced to completion Invoice #729.

TD 012 Ukraine Project 2 (UP-2) has been invoiced to completion invoice #725. This project was transitioned to the BTRIC.

TD 014 Grant Writing Mentorship and Workshop – Kenya

TD 015 Health Informatics Support Services – Vietnam - Invoiced to completion on Invoice #239

TD 020 Gabon Initial Engagement SME Support - Invoiced to Completion Invoice #729.

TD 024 MESA Epigenetics Conference Video – Jordan

Program Management Review Travel Costs

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Invoice and Narrative 11/01/15-11/30/15

Prepared for:

Prepared by:

METABIOTA

12/30/15

METABIOTA

.voice November 1-November 30 2015

Invoice #

Remit To:
Metabiota,Inc.
1 Sutter Street, Suite 600
San Francisco
CA
94104

Bill To:
Defense Threat Reduction Agency
8725 John J. Kingman Rd.
Ft. Belvoir
VA
22060-6201

CLIN	CURRENT INVOICE	CUMULATIVE INVOICED
CLIN 1001	S 161,520.82	S 1,049,883.38
CLIN 1002	S 206,494.63	S 2,742,237.07
CLIN 1003	S 86,810.15	S 314,463.00
CLIN 1004	S -	S 3,998.36
CLIN 1005	S 7,479.72	S 129,841.13
TOTAL	**$ 462,305.32**	**$ 4,240,422.94**

Detailed Invoice by Technical Directive

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 - 12/31/15

CLIN 1002 – Labor

Program Manager: 7 hours
(b)(6) provided administrative and technical oversight to the project in preparation for the training event originally scheduled to take place in November. He coordinated with DTRA to determine go/no-go status of the training and worked to efficiently demobilize the training team when it was determined that Leahy vetting would not be completed in time. He further communicated with DTRA to outline a plan for moving the training forward once Leahy vetting is completed.

Trainer 1: 8 hours
(b)(6) participated in coordination calls with the Metabiota training team in preparation for the November training event. (b)(6) participated in project coordination calls and made efforts on the ground in Cameroon to facilitate getting the information needed for Leahy vetting from the Cameroon Ministry of Defense.

Trainer 2: 5 hours
(b)(6) participated in project coordination communications and also made efforts on the ground in Cameroon to facilitate obtaining the information needed for Leahy vetting from the Cameroon Ministry of Defense.

Scientific Mentor: 7 hours
(b)(6) provided expertise in developing detailed training plans and agenda for each day of the proposed training. (b)(6) reviewed the CLS-translated training materials for accuracy and made corrections to the translation where needed.

CLIN 1003 – Materials and Supplies
Material and Supply costs were not incurred during this period.

CLIN 1004 – ODCs
Other Direct Costs were not incurred during this period.

CLIN 1005 – Travel
Funds were used to secure an expedited visa for Cameroon for one member of the Metabiota training team before the postponement of the training event was confirmed.

Metabiota

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						
TOTAL CLIN 1002				(b)(4); (b)(6)		

CLIN 1005 TRAVEL

(b)(4); (b)(6)	photo for visa to Cameroon Cameroon visa for (b)(4); (b)(6)	(b)(4); (b)(6)
TOTAL CLIN 1005		
	(b)(4); (b)(6)	

CVS/pharmacy

825 WAYNE AVENUE
SILVER SPRING, MD 20910
301.562.5414

REG#02 TRN#3621 CSHR#13067.1 STR#3517

Helped by: HAILEMICHA

2 KDK PRNT SECONDS	4X6	.64 T
.32 EACH 50 OR MORE @		.25 EACH
1 KDK APEX PSSPRT	4X6	12.99 T

3 ITEMS

SUBTOTAL	13.63
MD 6.0% TAX	.82
TOTAL	**14.45**
AMEX	14.45
(b)(4); (b)(6)	MS
CHANGE	.00

2503 5175 3003 6210 23

RETURNS WITH RECEIPT THRU 12/26/2015

NOVEMBER 27, 2015 3:01 PM

Contact (b)(6)
Phone (b)(6)

Order Date • **10/28/2015**
TDS Order # **121248**

Sold To:
Metabarota
925 California street
suite 200
San Francisco, CA 904104 US
2023208338

Ship To:
Metabiota Inc
(b)(6)
8757 Georgia ave
Suite 800
Silver Spring, MD 20910 US
2023208338

Service	TDS Fee	Gov't Fee**	Item Total
(b)(6) Departure 11/14/2015			
Cameroon: Multiple Entry Visa 6 months, Business, 7 - 9 Business Days	$70.00	$249.00	$319.00
Return Shipping **Client Pickup**			$0.00
Additional Fees			
Additional Embassy fee (Cameroon rush visa fee)			$150.00

Subtotal	$319.00
Shipping	$0.00
Order Fees	$150.00
Finance Fee	$16.42
Total	$485.42
Total Received	$485.42
Balance Due	$0.00

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan

Objectives

To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-CoV) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 05/16/2015 - 01/31/2016

CLIN 1002 – Labor

Program Manager: 49 hours

Hours incurred during this period were for work provided by (b)(6) the Metabiota program manager in support of executing the scheduled MERS-CoV training event being held from 07-11 December 2015 in Almaty, Kazakhstan. Activities conducted during this period included coordination and management of international shipments and local procurement for materials and supplies necessary for the training event, in coordination with CLS, project team members and DTRO. (b)(6) continued to work with the Institute of Microbiology and Virology (IMV) and the CBEP Country Manager to facilitate execution of CDRL 11, the Materials and Transfer Agreement. (b)(6) coordinated with CLS on receipt of all materials, and in-country logistics requirements to include transportation, meals, and interpretation and translation services during the event. She finalized all training preparations, and departed for Almaty, Kazakhstan to begin coordination with Duke NUS Trainers, Martin Linster and Ian Mendenhall to prep laboratory requirements (optimization of assays, supply checks, dry-runs for training), and secure all administrative needs with IMV, EZS Solutions, TMC, and in-country POCs to ensure successful implementation of the training event. In addition, (b)(6) (b)(6) participated in routine conference calls with CBEP regional leads, and other key stakeholders to finalize all event arrangements.

Research and Data Analyst: 64 hours

Hours incurred during this period were for work provided by (b)(6) the Metabiota project coordinator in support of executing the scheduled MERS-CoV training event being held from 07-11 December 2015 in Almaty, Kazakhstan. Activities conducted during this period included, daily coordination and communication with CLS, in-country partners, and Duke-NUS trainers to ensure internationally procured reagents and supplies were picked up and shipped to Kazakhstan, in accordance with custom clearance requirements. In addition, she prepared administrative documents for inventory and supply logs for both internationally and locally procured materials, per diem payments for Duke NUS trainers, and the daily agenda and travel schedule for the Metabiota and Duke NUS team during the training week. (b)(6) scheduled and participated in routine conference calls with all team members and stakeholders to facilitate this event, and coordinated directly with A&AS team members to ensure all training materials were translated, and in proper order for printing and binding according to the training agenda. Lastly, she coordinated with all partners to ensure the final participant list was complete for the training event, capturing additional participants from RIBSP and CH2M Hill.

Trainer II: 8 Hours

Hours incurred during this period were for work provided by (b)(6) in support of executing the scheduled MERS-CoV training event being held from 07-11 December 2015 in Almaty, Kazakhstan. (b)(6) participated in routine communication via email and conference calls to coordinate with Metabiota project personnel in support of the upcoming training event.

CLIN 1003 – Materials and Supplies

Material and Supply costs were not incurred during this period.

CLIN 1004 – ODCs

Other Direct Costs were not incurred during this period.

CLIN 1005 – Travel

Foreign Travel costs incurred during this period were in support of the scheduled MERS-CoV training event being held in Almaty from 07-11 December 2015. Transportation costs included ground transport in the amount of 1,190.00 USD to provide daily transportation from the Intercontinental Hotel in Almaty to the training venue, The Microbiology and Virology Institute (IMV) for the Metabiota Program Manager and Duke NUS Trainers.

Metabiota

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

CLIN 1003 Materials

(b)(4); (b)(6)

CLIN 1004 ODC

(b)(6)

CLIN 1005 Travel

(b)(4); (b)(6)

TOTAL INVOICE	(b)(4); (b)(6)

INVOICE No. 14

For Special Services rendered to:

Metabiota Inc
425 California Street, Suite 200
San Francisco CA 94104
Attn: (b)(6)

Name of service provider:

Vadim Logachev
Shagabutdinova st. 80-43
Almaty KZ

Please effect payment for the total amount of **1190 USD** (*one thousand one hundred and ninety dollars*)

Services provided	Total, USD
Transportation services	1190

Task:
Transportation services in support of KZ MERS CoV training, 02-12 December 2015 (including airport transfers and in-town transportation as specified in itinerary) , Almaty, Kazakhstan, 12 seat van Toyota Hiace

Please check appropriate box.

USD Check ☐
USD Cash ☐
Bank transfer √

Account details.

Bank information:
Beneficiary's account: (b)(4) (b)(6)
Branch name: Kazkommertsbank
Branch number: n/a
Beneficiary Bank: Kazkommertsbank, Almaty, Kazakhstan, KZKOKZKX

SWIFT: IRVT US 3N
Correspondent account: n/a
Correspondent bank: The Bank of New York Mellon,New York, NY, USA

(b)(6)

Signature

Date: Oct 27, 2015

TD 003 Bat Borne Virus from Annual Bat Cull India- Canceled and will not be invoiced

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/2015 - 05/15/2016

CLIN 1002 – Labor

Program Manager: 34 hours
Hours incurred during this period were for work provided by (b)(6) the Metabiota program manager in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities conducted include, routine conference calls and email communications with CBEP and A&AS regional leadership, Gryphon Scientific SMEs, RSS in-country partners, and Metabiota project personnel to coordinate conference invitations, abstract submissions and review, travel logistics, conference logistics for submission to CLS, and other routine project needs. In addition, most project activities at this time included travel coordination efforts for all confirmed speakers and Scientific Advisory Board (SAB) members traveling to Amman for the conference, to include coordination of JKO trainings, completion of CLS requirements, and planning for the Petra networking day.

Research and Data Analysts: 108 hours
Hours incurred during this period were for work provided by (b)(6) the Metabiota project coordinator in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. (b)(6) activities included participation in routine project conference calls and travel tracking, coordination, and communication with all invited speakers and SAB members to ensure information was gathered for facilitation of JKO training requirements, travel needs for submission to CLS, and overall coordination of attendance. (b)(6) worked closely with Gryphon SMEs, CLS and the Metabiota travel coordinator to ensure all participant information was secured, and accurately collected, logged, and submitted for vetting purposes.
Hours incurred during this period also included work provided by (b)(6) in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. (b)(6) hours included working directly with Metabiota contracts and program managers to finalize modifications required for the Gryphon subcontract, as well as provide monthly invoicing and reporting requirements to the Metabiota team. (b)(6) hours included compilation of all submitted abstracts for review by Gryphon, RSS, Metabiota, CBEP, and the SAB for selection determination and inclusion in the abstract book.

Subject Matter Expert III: 50 hours
Hours incurred during this period were for work provided by (b)(6) in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. Activities included overseeing Gryphon SMEs working on this project, continuing to finalize the conference agenda, and securing all speakers for the plenary sessions, and lectures planned during this engagement. In addition, submitted abstracts were reviewed for oral and poster presentations, and

submitted to the SAB for their review, selection, and scheduling within the event. (b)(6) continued to participate in routine conference calls and communications with CBEP, RSS, and Metabiota to facilitate coordination of the event and provide key information on invited speakers to include gathering their abstract submissions, CVs, travel requirements, etc., for review and submission to other team members. (b)(6) continued development of the abstract book for use during the conference.

Create workshop website. Completed in September 2015. We have not yet completed the proposed list of additional features to be developed for the website.

Compile the selected abstracts and posters and publish them into the workshop program. Gryphon Scientific and RSS are currently collecting abstracts and biographies of speakers to include in the abstract book. In addition, we have compiled the abstract submitted through the website for review by the Scientific Advisory Board. Once the Board completes the oral and poster presentation selections, we will make sure all other necessary information is available to create the abstract book.

Subject Matter Expert I: 130 hours

Hours incurred during this period were for work provided by (b)(6) (b)(6) in support of executing the MESA Epigenetics and Genomics Conference scheduled in March 2016 in Amman, Jordan. In addition, (b)(6) departed Gryphon Scientific this month, and has been replaced. Activities conducted by (b)(6) included continuing to finalize the conference agenda, reaching out to identified speakers for the plenary sessions, and lectures planned during this engagement. In addition, they collected and reviewed the abstracts submitted for oral and poster presentations, and coordinated with all SAB members to determine, and establish the meeting for abstract review. They continued to participate in routine conference calls and communications with CBEP, RSS, and Metabiota to facilitate coordination of the event and provide key information on invited speakers to include gathering their abstract submissions, CVs, travel requirements, etc., for review and submission to other team members. They supported development of the abstract book, and researched additional features and add-ons to the conference website, for review and approval, that would enhance networking capabilities among participants.

CLIN 1003 – Materials and Supplies

Material and Supply costs were not incurred during this period.

CLIN 1004 – ODCs

Other Direct Costs were not incurred during this period.

CLIN 1005 – Travel

Travel costs were not incurred during this period.

Metabiota

TD004 MESA Epigenetics and Genomics of Infectious Disease Workshop

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

CLIN 1004 ODC

(b)(4); (b)(6)

CLIN 1005 TRAVEL

(b)(4); (b)(6)

TD 005 Iraqi Distance Learning –Canceled and will not be invoiced

TD 007 Regional Baseline Assessment- Invoiced to Completion Invoice #725.

TD 008 Clinician Training – Invoiced to Completion Invoice #726.

TD 009 NHLS BS&S Training - South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/2015-05/15/2016

CLIN 1002 – Labor

Program Manager: 35.5 Hours
(b)(6) provided administrative and technical oversight to the project as a whole, and led communications with NHLS and DTRA on the efforts. He also led communication with CLS on both shipping issues and venue selection/training participant logistics. (b)(6) provided administrative oversight of efforts by the South African team at NHLS and provided reporting to Metabiota on those efforts.

Trainer 1: 37 Hours
(b)(6) provided coordination of bi-weekly stakeholder meetings to ensure tasks and deliverables are completed on time. She reviewed reports and draft invoices and

Research and Data Analyst: 20 Hours
Research and Data Analysts at NHLS participated in bi-weekly meetings and prepared draft reports and invoices. (b)(6) assisted with coordination leading up to the postponed fit testing training, refined the training agenda and managed receipt of the PortaCount fit-testing equipment.

Subject Matter Expert 1: 12 hours
(b)(6) held conversations with stakeholders at laboratories and facilities within the NHLS system to understand needs and further derive requirements for the OHASIS module. He also participated in coordination meetings leading up to the postponed fit testing training.

CLIN 1003 – Materials and Supplies
S82,345.97 was paid to TSI, Inc., for 5 PortaCount Pro fit testers and corresponding 3-year calibration plans.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel
No travel related costs are being invoiced for during this period.

Metabiota

TD 009 NHLS

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

500 Cardigan Road
Shoreview, MN 55126
USA
EIN 41-0843524
DUNS 00-625-3124

Tel: (651)483-0900
Fax:(651)481-1220
Web:www.TSI.com
Email:answers@TSI.com

Proforma Invoice

Manufacturer of TSI®, Alnor®, Airflow™, and ChemLogix™ branded products

Remit-To
TSI Incorporated
SDS 12-0764 P.O. BOX 86
MINNEAPOLIS, MN 55486-0764

Bill-To-Party
Metabiota
1 Sutter St
Ste 600
SAN FRANCISCO, CA 94104-4923
USA

Ship-To-Party
DTRA CLS Warhouse - SAIC
1051 Sheffler Drive, Ste C
Chambersburg PA 17201
USA

Remit-To If payment by Wire:
US Bank National Association
225 S. Sixth Street
Minneapolis, MN 55402
A.B.A. No. 091000022
SWIFT No. USBKUS44IMT
Account No. 1-502-5005-9915

Invoice Number	90759161
Invoice Date	11/09/2015
Reference Order	567735/ 10/26/2015
PO No.	2015-17-PO
PO Date	10/23/2015
Customer No.	5343523
Currency	USD
Term of Payment	PAY IN ADVANCE

Item	Material/Description	Quantity	Unit Price	Value
1	8038 PortaCount Pro+ Respirator Fit Tester **Schedule B 9027.50.9000** Country of Origin US Order 567735 from 10/26/2015	5 EA	12,810.00	64,050.00
2	CLC3-8038 Pre-Paid Cal Contract; 3-Yr, 8038 **Schedule B 0000.00.0000** Country of Origin US Order 567735 from 10/26/2015	5 EA	2,630.00	13,150.00

Net Total	77,200.00
Freight	484.87
Tax	4,661.10
Invoice Amount	82,345.97

These commodities, technology or software are controlled under the Export Administration Regulations. If the goods are exported or reexported, it must be in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited.

THIS IS AN ADVANCE INVOICE ONLY FOR AN ESTIMATE OF CHARGES. PRICING IS SUBJECT TO CHANGE. THE ITEMS LISTED ON THIS INVOICE HAVE NOT SHIPPED AND IS FOR CUSTOMER USE ONLY.

TD 010 One Health Epi Training - South Africa

Objectives
Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015 - 03/31/2015

CLIN 1002 – Labor

Program Manger: 25.5 Hours
Represents the time spent by Metabiota Africa Regional Program Manager (b)(6) in support of this technical direction. (b)(6) was responsible for leading all communications, including bi-weekly and as necessary conference calls, with DTRA CBEP representation and South African stakeholders representing CDC South Africa, and USDA South Africa (b)(6) lead and oversaw the continued development of the One Health Epidemiology - South Africa landscape review report, and ensured that progress on this deliverable was communicated effectively to DTRA CBEP representation and remained within scope of the technical direction. He additionally provided resource and leadership support to Metabiota Staff Scientist (b)(6) in her role as technical lead on the mentioned deliverable.
In an effort to support timeline and other deliverable needs for this TD, (b)(6) oversaw the development of all travel related CDRLs to include the Travel Authorization form, Cable Clearance Request form, and the Contractor Logistics Services Form for submission to DTRA CBEP representation and in support of in country efforts taking place in February.

Trainer 1: 25.5 Hours
Represents the time spent by Metabiota Project Coordinator (b)(6) was responsible for attending and providing relevant commentary during all conference calls in support of this technical direction. She was also responsible for the development of meeting agendas and the aggregation of meeting minutes. (b)(6) was tasked with supporting the program manager in his efforts to lead the development of the One Health Epidemiology - South Africa landscape review report, and in addition was requested to coordinate follow up communications between South African Project stakeholders.
In an effort to support timeline and other deliverable needs for this TD, (b)(6) developed all travel related CDRLs to include the Travel Authorization form, Cable Clearance Request form, and the Contractor Logistics Services Form for submission to DTRA CBEP representation and in support of in country efforts taking place in February.

Subject Matter Expert 2: 40 Hours
Represents the time spent by Metabiota Staff Scientist (b)(6) in support of this technical direction. (b)(6) attended all conference calls between Metabiota and DTRA CBEP representation, as well as all calls between Metabiota and the South African project stakeholders. (b)(6) served in the role of technical lead during the continued development of the One Health Epidemiology - South Africa landscape review, and in this role was tasked to engage all South African project stakeholders regarding their specific subject matter expertise.

(b)(6) more specifically in her role as technical lead on the development of the OHE-SA landscape review, spent time further evaluating One Health Epidemiology training manuals developed for both Nigeria and Uganda for context and understanding. She engaged project stakeholders to answers specific questions regarding One health gaps in country, current one health efforts in country, review of materials, and long term one health goals.
(b)(6) took the lead on content development for the landscape review report and as such spent time writing and integrating stakeholder comments.

CLIN 1003 – Materials and Supplies
No Materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel
No travel related costs are being invoiced for during this period.

Metabiota

TD-010 One Health Epi South Africa

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 011 Ukraine TADR Activity Project 4 (TAP-4)

Objectives

The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/16/2015 - 01/31/2015

CLIN 1002 – Labor

Program Manager: 20 Hours

(b)(6) provided administrative oversight over Metabiota efforts, including coordinating with the Ukrainian delegation to the final regional workshop and review of deliverables. He met with DTRA and A&AS to discuss this effort. He also started drafting the TAP-4 final report.

Trainer 1: 44 Hours

(b)(6) ttended the final regional workshop in Tbilisi, Georgia, and provided support to the Ukrainian delegation. She also completed all required travel deliverables and contributed to drafting the TAP-4 final report.

CLIN 1003 – Materials and Supplies

Metabiota paid to print out several posters for the Ukrainian delegation to be presented at the final regional workshop in Tbilisi, Georgia.

(b)(6) ctivated an international calling plan on her phone during her travel for the final regional workshop in Tbilisi, Georgia.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

Travel expenses including flights, lodging, ground transportation, and per diem were incurred for (b)(6) to attend the final regional workshop in Tbilisi, Georgia.

(b)(6)

Metabiota

TD-011 TAP 4

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED

(b)(4); (b)(6)

(b)(6)
(b)(6)

verizon

Invoice Number	Account Number	Date Due	Page
3322291718	(b)(6)	11/28/15	3 of 6

Summary for (b)(6) ncludes Plan Change)

Your Plan

Unlimited Talk & Text 2GB
$75.00 monthly charge
Unlimited monthly minutes

Data Pkg With MHS/2GB
2 monthly gigabyte allowance
$15.00 per GB after allowance

UNL Picture/Video MSG
Unlimited monthly Picture & Video

UNL Text Messaging
Unlimited monthly M2M Text
Unlimited monthly Text Message

International

Added 11/01 - 11/03

Intl Trvl 100MB/100Min/100MSG
$40.00 monthly charge (Countries in the Plan)
$.25 per min after allowance
$.25 per messages sent after allowance
$25.00 per 100 MB after allowance
Intl rates vary for pay-as-you-go countries
See vzw.com/intl-travel/

Have more questions about your charges? Get details for usage charges at www.vzw.com. Sign into My Verizon to View Online Bill and click on Calls, Messages & Data.

Monthly Charges

New Plan

Intl Trvl 100MB/100Min/100MSG	11/01 – 11/03	3.87
$40.00 per month / 3 days on new plan		

Month in Advance

Unlimited Talk & Text 2GB	11/04 – 12/03	75.00
Intl Trvl 100MB/100Min/100MSG	11/04 – 12/03	40.00
These are the normal monthly charges billed in advance		
		$118.87

Usage and Purchase Charges

Voice		Allowance	Used	Billable	Cost
Calling Plan	*minutes*	unlimited	502	--	--
Total Voice					$.00

Messaging					
Text	*messages*	unlimited	231	--	--
Unlimited M2M Text	*messages*	unlimited	13	--	--
Picture & Video	*messages*	unlimited	23	--	--
Total Messaging					$.00

Data					
Gigabyte Usage	*gigabytes*	2.000	1.882	--	--
Total Data					$.00

International

Usage While Traveling Outside the US (Plan)

Intl Trvl 100MB/100Min/100MSG - Countries IN The Plan					
11/01 - 11/03	*minutes*	10	18	8	$2.00
	messages rcvd	unlimited	3	--	--
	megabytes	10	50	40	$25.00
Total International					$27.00
Total Usage and Purchase Charges					**$27.00**

Verizon Wireless' Surcharges

Fed Universal Service Charge	1.48
Regulatory Charge	.21
Administrative Charge	.95
WI Universal Service Fund	.41
	$3.05

Taxes, Governmental Surcharges and Fees

WI Police&Fire Protection Fee	.75
WI State Sales Tax-Telec	7.33
Clark Cnty Sales Tax-Telec	.75
	$8.83

Included $75

Gmail [redacted]

Your Friday evening trip with Uber

1 message

Uber Receipts <receipts.washington.DC@uber com> Fri, Oct 30, 2015 at 9:02 PM
To (b)(6)

OCTOBER 30, 2015

$41.25

Thanks for choosing Uber, (b)(6)



FARE BREAKDOWN

Base Fare	2.00
Distance	28.60
Time	8.89
Subtotal	**$39.49**
Safe Rides Fee (?)	**1.35**
DC Taxicab Commission Fee (?)	**0.41**

08:17pm
(b)(6)

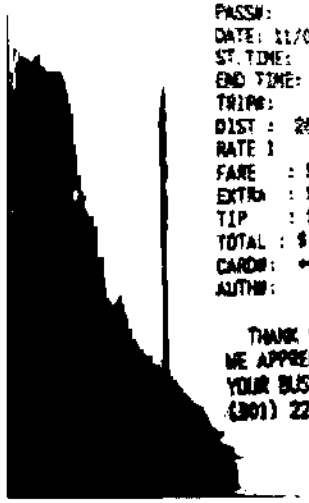
09:01pm
1 Saarinen Cir Sterling VA

CHARGED
VISA Personal (b)(4), (b)(6)

$41.25

uberX	28.03	00:44:27

(b)(6) You rode with (b)(6)



WASHINGTON [illegible]
TAXI
(703) 572-TAXI
REGENCY

PASSENGER COPY
CARD RECEIPT
DR. ID: 00005868
CAB#: 0868
PASS#: 1
DATE: 11/05/2015
ST.TIME: 15:23
END TIME: 16:12
TRIP#: 808200
DIST : 28.70 MI
RATE 1
FARE : $ 69.38
EXTRA : $ 0.00
TIP : $ 13.68
TOTAL : $ 83.26
CARD#: ****8902
AUTH#: 067490

THANK YOU
WE APPRECIATE
YOUR BUSINESS
(301) 222-2222

Gmail [redacted]

Your Thursday evening trip with Uber

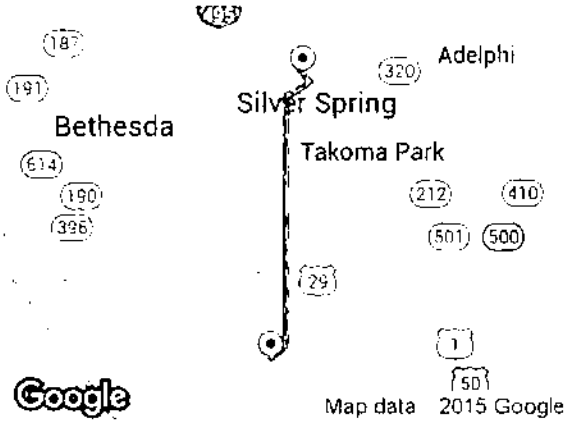
1 message

Uber Receipts <receipts.washington DC@uber com> Thu, Oct 29, 2015 at 6:47 PM
To (b)(6)

OCTOBER 29, 2015

$13.81

Thanks for choosing Uber, (b)(6)



FARE BREAKDOWN

Base Fare	2 00
Distance	5 93
Time	4 53
Subtotal	**$12.46**
Safe Rides Fee (?)	**1.35**

CHARGED
VISA Persona (b)(4), (b)(6) **$13.81**

06:24pm
(b)(6)

06:46pm
(b)(6)

	MILES	DURATION
uberX	5.82	00:22:39

(b)(6)

You rode with (b)(6)

CVS/pharmacy

(b)(6)

TOTAL 14.07

(b)(4); (b)(6)

CHANGE

2603 5175 1899 42

WITH RECEIPT THRU

8, 2015

TD 012 Ukraine Project 2 (UP-2) -Invoiced to Completion Invoice #725. Transitioned to BTRIC.

TD 013 One Health Epi Training - Uganda

Objectives

Increase the operational biosafety and bio-surveillance capacity of Ugandan and Nigerian National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015-02/29/2016

CLIN 1002 – Labor

Program Manager: 33.5 Hours

Represents the time spent by Metabiota Africa Regional Program Manage[redacted]n support of this technical direction. In the period under review [redacted] contributed to support pre training events for One Health Epidemiology by leading bi-weekly stakeholder calls with CDC Uganda and DTRA CBEP representation. These calls provided an opportunity for all stakeholders to discuss key issues regarding upcoming trainings. [redacted] lead email communication with all stakeholders in support of preparation of Cohort 9 Module 2 and Cohort 10 Module 1 epidemiology trainings. He additionally took cause to engage all project performers in lessons learned communications in the context of improving forthcoming trainings.

[redacted] supervised the program coordination activities for of OHE Uganda. CDRLs (CCR and CLS form) for Cohort 9 Mod 2 and Cohort 10 mod 1 were submitted to the client. Due to participant cancellations, there were several revisions to the CLS form that took place. [redacted] led the CONUS efforts to ensure that all changes were shared with DRTA CBEP representation. He also provided transparency to CLS subcontractor TTI when necessary and under the purview of DTRA CBEP representation.

Research and Data Analyst: 64 Hours

Represents the time spent by Metabiota Africa Project Coordinator [redacted] functioned as a liaison between CDC Uganda and Metabiota under the supervision of the program manager. Her efforts were focused on supporting consistent communications with CDC Uganda representatives and training manager [redacted] The two were in regular communication with respect to the preparations for Cohort 9 module 2 and Cohort 10 module 1 trainings. In collaboration with the program manager, [redacted] nsured the timely submission of CDRLs, and as changes arose with participants [redacted] shared updated CLS forms with [redacted] drafted the agendas, participated, composed, and shared minutes for all bi-weekly OHE Stakeholder calls.

[redacted] also participated in, and lead the Metabiota pre training event trip planning meeting. These meetings included representation from Metabiota Programmatic, Technical, and Logistical team members. All parties reviewed upcoming travel and prepared for the team's travel. [redacted] also worked with Metabiota AEP Travel Coordinator to ensure the in country logistics for Metabiota's team were in place and organized with respect to the FAR.

Trainer 1: 4 Hours

Represents the time spent by Metabiota Epidemiologist, [redacted] attended bi-weekly stakeholder calls and offered his comments where relevant from a technical and scientific perspective. [redacted] was tasked by the program manager to develop and update the trip risk report.

Subject Matter Expert 3: 2 Hours

Represents the time spent by Metabiota Senior Scientist, [redacted] attended bi-weekly stakeholder calls and attended pre travel meetings while contributing expert advice to lessons learned and general technical approach.

CLIN 1003 – Materials and Supplies

No Materials or supply costs are being invoiced for during this period.

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

To provide programmatic and technical support for Cohort 9 module 1, a training event that took place in October of 2015, [redacted] traveled to Jinja, Uganda. Airline tickets for Program Manager [redacted] nd Senior Scientist [redacted] were procured; allowing these key team members to attend the trainings and contribute their respective programmatic and technical expertise. The Tickets were selected based on cost and time effectiveness, and are being expensed during the month of November.

Ground transportation for the Metabiota in country project team to include [redacted] was provided in support of Cohort 9 module 1, a training event that took place in October. A 4x4 vehicle was rented for a total of 7 days to support safety and convenience for the team, and to deliver Metabiota staff to and from the training location as needed. The costs for these expenses are being invoiced in the month of November.

Lodging for the training event at a total of 6 nights each for Metabiota staff; [redacted] in addition to Metabiota Independent contractor Bernard Lubwama, was provided and paid for in support of Cohort 9 module 1 training that took place in October. The costs for these expenses are being invoiced in the month of November.

Per Diem in line with USG rates for each respective region traveled to are being expensed this month to support [redacted] time in country and in transit. for a total of 10 full or partial dates in the regions of Entebbe, 2 full, and 2 half days each, Jinja, 6 full days each.

Additionally, one night each for [redacted] was covered at a hotel located next to the airport to support convenience and safety with respect to avoid driving at night. These costs are being invoiced during the month of November, though the stay occurred in October.

Visa fees for [redacted] were provided, which will cover a six-month period to support [redacted] inclusion in the remaining three modules for Cohort 9 Module 1, and Cohort 10 Module 2. In alignment with travel health recommendations, malaria prophylaxis was also provided for [redacted] nderwent the JKO training and completed the ISOPREP form to serve as an alternative Metabiota in-country representative. [redacted] is a Project Coordinator and was poised (if needed) to provide her expertise for training efforts.

Metabiota

TD-013 One Health Epi

CLIN 1002 Labor

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

CLIN 1003 Materials

(b)(4); (b)(6)

CLIN 1005 Travel

(b)(4); (b)(6)

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street Suite 203
Gaithersburg, MD 20878
Phone (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	3XNTMT
Invoice No.:	71920	**Agent:**	Marti W
Issue Date:	Friday October 2 2015	**Customer:**	MBA
Billing:	METABIOTA INC ONE SUTTER SUITE 600 SAN FRANCISCO CA 94104		

• If you would like to view your reservation online with Check My Trip Click Here

• For Aircraft Disinsection Requirements Click Here

AIR - Friday October 16 2015

Delta Air Lines Flight DL9385 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL652)

Check In Confirmation: G4YL3K

Depart:	5:45 PM, Friday, October 16 Dulles Intl Arpt Washington, District of Columbia, USA	**Arrive:**	7:30 AM, Saturday, October 17 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	7 hours 45 minutes	**Seat:**	32E (Non smoking) Confirmed
Meal:	Dinner		
Remarks:	Not eligible for web check in		

Weather Flight Status (up to 3 days prior)

AIR - Saturday October 17 2015

Delta Air Lines Flight DL9609 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL561)

Check In Confirmation: G4YL3K

Depart:	12:55 PM, Saturday, October 17 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	9:45 PM, Saturday October 17 Entebbe Intl Airport Entebbe Uganda
Status:	Confirmed		
Booking Code:	T (Economy)		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	7 hours 50 minutes	**Seat:**	18E (Non smoking) Confirmed
Meal:	None		
Remarks:	Not eligible for web check in		

Weather Flight Status (up to 3 days prior)

AIR - Saturday October 24 2015

Delta Air Lines Flight DL9337 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL562)

Check In Confirmation: G4YL3K

Depart:	11:30 PM, Saturday, October 24 Entebbe Intl Airport Entebbe, Uganda	**Arrive:**	5:50 AM, Sunday, October 25 Schiphol Airport Amsterdam, Netherlands
Status:	Confirmed		
Booking Code:	T [illegible]		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 20 minutes	**Seat:**	35B (Non smoking) Confirmed
Meal:	None		
Remarks:	Not eligible for web check in		

•Weather • Flight Status (up to 3 days prior)

AIR - Sunday October 25 2015

Delta Air Lines Flight DL9384 Economy Class
Operated By Klm Royal Dutch Airlines
Check In With KLM Royal Dutch Airlines (KL651)

Check In Confirmation: G4YL3K

Depart:	1:00 PM Sunday October 25 Schiphol Airport Amsterdam, Netherlands	**Arrive:**	4:45 PM, Sunday, October 25 Dulles Intl Arpt. Washington District of Columbia, USA
Status:	Confirmed		
Booking Code:	T [illegible]		
Equipment:	Airbus Industrie A330-200	**Stops:**	Non-stop
Duration:	8 hours 45 minutes	**Seat:**	Assigned at Check In
Meal:	Lunch		
Remarks:	Airport ck in only for seating at this time Not eligible for web check in		

•Weather • Flight Status (up to 3 days prior) • Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7713233428		[illegible]	740.74	1616.74
	Form of Payment: V [illegible]			
Processing Fee / 890 0658989030		43.00		43.00
	Form of Payment: V [illegible]			
	Totals:	919.00	740.74	USD 1659.74

Total Charged to Credit Card: USD 1659.74
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage allowance: specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip

- Baggage Fees/Allowances

Important Information

• Your reservation number with Delta Air Lines is G4YL3K. Delta Air Lines contact phone number is 1-800-221-1212

• Fare $1616.74

Airport View Hotel

Tax Invoice

TIN NO 1000337347
VAT NO 43844-U

34 Kiwafu Close Entebbe
P O Box 247 Entebbe
Tel: +256 312 261751 /755
Mob: +256772223881 772507975/ 772200391
Email: airportviewhotel@googlemail.com
www.airportviewhoteluganda.com

NO AVH GEN: 0993

Meeting and Travel Coordinator
Metabiota Inc., AEP Program

Email: (b)(6)
Work:
Mobile:
Skype: (b)(6) na

13th November 2015

Attention: Valentyna Abdullina

REF. Accommodation for (b)(6) on 5th December 2015

Date 2015	Particulars	No of Days	No of People	Rate (USD)	Total (USD)
5th December	1 Accommodation inclusive of ; ➢ Breakfast (full English breakfast) ➢ Airport transfer ➢ 4G Wi Fi ➢ Taxes	1	1	360	360
	Subtotal				360
	Bank charges (if payment is by bank EFT)				15
	TOTAL				375

Bank details if payment is by Bank Transfer

Beneficiary Bank	Imperial Bank (U) Limited
Beneficiary Branch	Acacia Branch
Beneficiary	Airport View Hote
Beneficiary's Account Number	8500000278
SWIFT CODE	IMPLUGKA
Currency	USD

Thank you for choosing Airport View Hotel

Prepared by: (b)(6)

Checked by (b)(6)

BATUDAM
AFRICAN ADVENTURE SAFARIS
P.O.BOX 75718, Kampala Uganda. Offices. AbayitaAbabiri Entebbe Uganda. Tel: +256414321347, +256774536482, Email: info@batudamsafaris.comwww.batudamsafaris.com

Head Office for East Africa
AbayitaAbabiri EntebbeUganda.
P.O.BOX 75718, Kampala Uganda
el: +256414321347,
)bile: +256774536482
nfo@batudamsafaris.com

VEHICLE HIRE SERVICE

Daily Travel Itinerary - OHE Training, Jinja and Fort Portal, Uganda

Date	Day of Week	Action Item	Transportation Requirement	Lodging	Cost of 4x4 vehicle hire
6-Dec	Sunday		Pick up at 11am, one vehicle to fit 3 persons	Source of the Nile Living Waters Resort, Jinja	$100
7-Dec	Monday	OHE Training Day 1	Vehicle and driver staying with the team	Source of the Nile Living Waters Resort, Jinja	$100
8-Dec	Tuesday	OHE Training Day 2	Vehicle and driver staying with the team	Source of the Nile Living Waters Resort, Jinja	$100
9-Dec	Wednesday	OHE Training Day 3	Vehicle and driver staying with the team	Source of the Nile Living Waters Resort, Jinja	$100
10-Dec	Thursday	OHE Training Day 4	Vehicle and driver staying with the team	Source of the Nile Living Waters Resort, Jinja	$100
11-Dec	Friday	OHE Training Day 5	Vehicle and driver staying with the team	Source of the Nile Living Waters Resort, Jinja	$100
12-Dec	Saturday	OHE Week #1 Wrap-up	Pick up at 11am to transport from Jinja to Fort Portal	Check out from Source of the Nile Living Waters Resort, Jinja / Check in into the Mountains of the Moon Hotel, Fort Portal	$100
13-Dec	Sunday	OHE Week #2 Prep	Vehicle and driver staying with the team	Mountains of the Moon Hotel, Fort Portal	$100
14-Dec	Monday	OHE Training Day 1	Vehicle and driver staying with the team	Mountains of the Moon Hotel, Fort Portal	$100
15-Dec	Tuesday	OHE Training Day 2	Vehicle and driver staying with the team	Mountains of the Moon Hotel, Fort Portal	$100
16-Dec	Wednesday	OHE Training Day 3	Vehicle and driver staying with the team	Mountains of the Moon Hotel, Fort Portal	$100
17-Dec	Thursday	OHE Training Day 4	Vehicle and driver staying with the team	Mountains of the Moon Hotel, Fort Portal	$100
18-Dec	Friday	OHE Training Day 5	Vehicle and driver staying with the team	Mountains of the Moon Hotel, Fort Portal	$100
19-Dec	Saturday	Miller / Gonzalez / Vincent transport from Fort Portal to Entebbe airport	Pick up at 11am from Fort Portal and drive to Entebbe airport, flight DL9318 departing at 11.30pm	Mountains of the Moon Hotel, Fort Portal	$100
					$1,400

Cost of vehicle hire including a driver = $1400

YOU ARE REQUIRED TO PAY $1333

Subtracting a refund of $67 from the total = $1333

Please note the price above is in ***AMERICAN DOLLARS(US)***

Price includes;

- ***Vehicle and an English speaking driver***
- ***Fuel***
- ***Bank transfer charges***

Payment terms: 100% Payment upon booking this contract.

Bank transfer to Batudam Afric Adventure Safaris Ltd
Barclays Bank Uganda Ltd - Kampala - P.O. Box 75718
SWIFT CODE: BARCUGKX
Account: 6003971226 (USD)

CVS/pharmacy

825 WAYNE AVENUE
SILVER SPRING, MD 20910
301.562.5414

REG#08 TRN#6236 CSHR#0000093 STR#3517

1 KDK APEX PSSPRT 4X6 12.99T

SUBTOTAL	12.99
MD 6.0% TAX	.78
TOTAL	**13.77**
AMEX	13.77
[redacted]	MS
CHANGE	.00

2503 5175 3166 2360 89
ITH RECEIPT THRU 01/11/2016

12, 015 12:47 PM

EXTRACARE CARD

HOURS AT CVS.COM

CVS/pharmacy

661 PENN AVE SE WASHINGTON, DC
PHARMACY 543 3305 STORE 547 9325

REG#13 TRN#7519 CSHR#07/4659 STR#1338

Helped by: FAATIMAH

F 1 RX #: ****1020000 10.00N

TOTAL	10.00
AMEX	10.00
(b)(4); (b)(6)	MS
CHANGE	00

2501 3385 3227 5191 30
RETURNS WITH RECEIPT THRU 01/17/2016

NOVEMBER 18, 2015 4:10 PM

FLEXIBLE SPENDING ACCT SUMMARY (FSA)
Prescription Eligible Total 10.00

****
above includes items
that may be eligible for plan
Restrictions may apply.
****

RACARE CARD

AT CVS.COM

Contact (b)(6)
Phone (b)(6)

Order Date • **11/16/2015**
TDS Order # **122586**

Sold To:
Metabaiota
425 California Street
Suite 200
San Francisco 94104 US
2023208338

Ship To:
Metabiota Inc
(b)(6)
8757 Georgia ave
Suite 800
Silver Spring, MD 20910 US
2023208338

Service	TDS Fee	Gov't Fee**	Item Total
(b)(6) Departure 12/04/2015			
Uganda: Multip'e Entry Visa 6 months Business 4-5 Business Days	$70.00	$105.00	$175.00
Return Shipping **Client Pickup**			$0.00

Subtotal	$175.00
Shipping	$0.00
Finance Fee	$6.13
Total	$181.13
Total Received	$181 13
Balance Due	$0.00

#1 of 1
UR RECORDS.

The UPS Store #6378
[illegible]
[illegible]
(401) 328-0315

IN STORE PACKED

ONFIRM)

10/28/15 11:16 AM

We are the one stop for all your shipping, postal and business needs.

We offer all the services you need to keep your business going.

1ZA275644965
ZP

27.40
6.10
0.82
0.20

$34.52

TO TRACK
SHIPMENT

001 100010 (025) MD $ 1.98
Envelopes QTY 2
Reg Unit Price $ 0.99
002 001005 (001) TO $ 34.52
NDA
Tracking# 1Z884VE0A275644965

SubTotal $ 36.50
(MD) $ 0.12
Total $ 36.62

American Express $ 36.62

(b)(4)
(b)(6)

Sale

TD 014 Grant Writing Mentorship and Workshop – Kenya

Objectives
The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 07/02/15-05/15/16

CLIN 1002 – Labor

Program Manager: 8.5 Hours
Represents the time spent by Metabiota Africa Regional Program Manager (b)(6) in support of this technical direction (b)(6) lead bi-weekly calls with DTRA CBEP representation, and Kenyan Stakeholder (b)(6) He additionally led conference calls by request and as needed to offer both direction and explanation to the Kenyan Stakeholder (b)(6) oversaw and provided adjustments to the developed work plan per suggestions from DTRA CBEP representation. He also provided oversight and final approval of the training event plan in support of in-country activities set to take place in February.

Subject matter 1: 8 Hours
Represents the time spent by Metabiota Project Coordinator (b)(6) attended all conference calls held to support communications among Metabiota, DTRA CBEP representation, and our Kenyan stakeholder. M (b)(6) was responsible for recording minutes for these calls, and for providing comments on project work plan questions from all stakeholders. She was responsible for the development and submission of the Training Event Plan, and began the development of independent consultant agreements in lieu of sufficient information for their completion.

CLIN 1003 – Materials and Supplies
No Materials or supply costs are being invoiced for during this period

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel
No travel related costs are being invoiced for during this period.

Metabiota

TD-014 Kenya Grants

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 015 Health Informatics Support Services – Vietnam- Invoiced to completion on Invoice #239

TD 016 Georgia GIS

Objectives

Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15 – 05/15/16

CLIN 1002 – Labor

Program Manager: 13 Hours

(b)(6) provided administrative oversight to this effort. He continued negotiations for establishing a subcontract agreement with University of Florida. (b)(6) also participated in teleconference calls for the three CBR projects related to this effort.

Subject matter expert 1: 2 Hours

(b)(6) assisted in revising subcontract documents.

CLIN 1003 – Materials and Supplies

No Materials or supply costs are being invoiced for during this period

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota

TD-016 Georgia GIS

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 017 Georgia SME Grantsmanship

Objectives

Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct/indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/15 05/15/16

CLIN 1002 – Labor

Program Manager: 12 Hours

(b)(6) provided administrative and technical oversight of all efforts, conducting communications with the subject matter experts and Georgian stakeholders. He reviewed the Grantsmanship mentoring plan and materials created by the subject matter experts.

Subject matter 1: 13 Hours

(b)(6) assisted with administrative and technical oversight of all efforts, participating in communications with the subject matter experts and Georgian stakeholders. She reviewed the Grantsmanship mentoring plan and materials created by Attimo.

Subject Matter Expert 2: 85.5 Hours

Subcontractor Attimo deployed SMEs (b)(6) Together they completed the Grantsmanship mentoring plan and extensive mentorship materials, and participated in project coordination communications with Metabiota and the Georgian stakeholders.

CLIN 1003 – Materials and Supplies

No Materials or supply costs are being invoiced for during this period

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota

TD 017- Georgia SME

CLIN 1002

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 018 Georgia Visiting Scientist Genomics

Objectives

Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects. The genomics SME will

Period of Performance: 09/21/15 – 05/15/16

CLIN 1002 – Labor

Program Manager: 10 Hours

(b)(6) provided administrative and technical oversight of all efforts. He led communications with the visiting scientist and reviewed the visiting scientist's reports. He also communicated the ongoing efforts to DTRA in meetings and teleconferences.

Subject matter 1: 2 Hours

(b)(6) participated in project coordination calls with the visiting scientist and drafted CDRL language summarizing communications with the visiting scientist.

Visiting Scientist 112 Hours

(b)(6) conducted mentorship activities on comparative genomics of FSU anthrax vaccine strains at the Lugar Center. He developed an NGS-based *in silico* analysis workflow for pathogen subtyping and is working to introduce this to Georgian scientists. He continued mentorship of Georgian scientists in the individual stages of genomic analysis, focusing on data quality control, draft genome assembly, and comparative genomic analysis. He conducted mentorship activities on general sequence analysis using the software MEGA and data on Crimean-Congo-Hemorrhagic Fever (CCHF) virus retrieved from GenBank. (b)(6) also worked with (b)(6) on a staff capabilities matrix to better inform future work, training, and mentorship.

CLIN 1003 – Materials and Supplies

No Materials or supply costs are being invoiced for during this period

CLIN 1004 - Other Direct Costs

No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel

No travel related costs are being invoiced for during this period.

Metabiota

TD 018 Georgia Genomics

CLIN 1002 LABOR

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

TD 019 Georgia Visiting Scientist Microbiology

Objectives
Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/15 05/15/16

CLIN 1002 – Labor

Program Manager: 14.5 Hours
(b)(6) provided administrative and technical oversight to this effort. He held regular coordination calls with the Visiting Scientist to discuss current efforts and any technical or programmatic issues of concern and reviewed informal reports from the Visiting Scientist. He communicated with DTRA via teleconference, email, and face-to-face meeting on this effort, especially with regards to the possibility of using BTRIC support for technical translation and interpretation.

Subject matter 1: 11 Hours
(b)(6) assisted the PM in providing administrative and technical oversight to this effort. She participated in regular coordination calls with the Visiting Scientist, reviewed informal reports from the Visiting Scientist, and drafted language for reporting to DTRA. She is also working with the Visiting Scientist to determine the most efficient path forward for translation and interpretation services.

Visiting Scientist 146 Hours
(b)(6) participated in regular coordination calls with the PM and PC, providing informal reports on activities being conducted. He worked on the TAP-11 validation plan and worked with both NCDC and USAMRIID on IRB issues related to the project. The VS also reviewed and provided feedback to Georgian scientists on three abstracts for submission to DTRA in support of conference attendance, including one abstract on the GG-19 invasion assay work. He provided and continues to provide bacteriology mentoring to LMA staff, especially as related to helping LMA with brucellosis proficiency testing. (b)(6) assisted Lugar Center and Batumi staff with troubleshooting of PCR protocols and reagents for the avian influenza CBR work with University of Cambridge. He also assisted NCDC staff with preparatory work for the GCMS instrument secured through UNICRI.

CLIN 1003 – Materials and Supplies
No Materials or supply costs are being invoiced for during this period

CLIN 1004 - Other Direct Costs
No other direct costs are being invoiced for during this period.

CLIN 1005 – Travel
No travel related costs are being invoiced for during this period.

Metabiota

TD-019 Georgia Microbiology

CLIN 1002

NAME	LABOR CATEGORY	RATE	CURRENT HOURS	CURRENT INVOICE	CUMULATIVE HOURS	CUMULATIVE INVOICED
(b)(4); (b)(6)						

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Monthly Progress and Financial Report
CDRL A001

Prepared for:

Prepared by:

METABIOTA

Monthly Progress and Financial Report CDRL A001 No. #24
January 01, 2016 – January 31, 2016

02/10/16

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This submission of the Monthly Report (Contract Data Requirements List; CDRL A001) encompasses implementation of Academic Engagement Partnership (AEP) program activities in accordance with Defense Threat Reduction Agency (DTRA) Cooperative Biological Engagement Program (CBEP) contract HDTRA1-14-C-0104 for 01/01/16-01/30/16.

Technical Directives

AFRICOM

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing – Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 – 04/30/16
Total Estimated Budget: $125,975.00
Estimated Expenditure: $79,766.14
Technical Direction Status: Approved

Completed Activities

- Metabiota PM and PC participated in regular communications with DTRA and A&AS via email and phone.
  Metabiota PM and PC coordinated with the training team and have identified a two-week span in April which appears to be viable for gathering all trainers in Cameroon for the execution of the training.

Upcoming Activities

- Metabiota is awaiting confirmation from the Cameroon Ministry of Defense and/or DTRA on the final dates for the PPE/VHF training.
  Metabiota is engaging in final coordination among the training team in preparation for the upcoming training.

Challenges
Identifying a training date that falls within the existing POP and meets travel documentation lead times must be completed as soon as possible.

TD 008 Clinician Training – Uganda

Objectives
This effort has been cancelled.

Period of Performance: 05/16/15-08/18/15
Total Estimated Budget: $2,769,776.00

Total Expenditure: $737,361.45
Technical Direction Status: *Completed, Closed.*

TD 009 NHLS BS&S Training – South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/15- 05/15/16
Total Estimated Budget: $335,608.00
Estimated Expenditure: $200,304.97
Technical Direction Status: Approved

Completed Activities

- Metabiota PM and PC communicated with DTRA CBEP personnel and A&AS support contractors via email and phone to discuss ongoing work and issues.
- The Metabiota PM communicated with both DTRA and the CLS shipping team regarding VAT issues.
- The Metabiota PM and PC communicated regularly with NHLS point of contacts to discuss and work through logistical and programmatic issues.
- Primary filming for the biosafety and biosecurity video was completed over the period 18-22 January 2016.

Final logistical arrangements were made for the fit-testing training taking place Feb. 2-4 2016.

Upcoming Activities

The Master Trainer Orientation training for fit testing took place Feb. 2-4, 2016.
Post-production on the Biosafety and Biosecurity video is underway.

Challenges

(b)(6) the developer of the OHASIS module, has been seconded on a temporary basis to NHLS Head Office to act in a senior position. He is slated to return to his normal duties this month.

TD 010 One Health Epi Training – South Africa

Objectives
Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/15- 12/31/15
Total Estimated Budget: $134,551.00
Estimated Expenditure: $90,648.98
Technical Direction Status: Approved

Completed Activities

- Conducted bi-weekly conference calls with DTRA CBEP personnel and A&AS support contractors.
- Conducted bi-weekly conference calls with South African stakeholders supporting the review and modification of One Health Epidemiology training materials, and the development of a training roll out plan.
- Procured international flights and in country ground transport and hotel accommodations to support Metabiota Project Team efforts in South Africa.
  Established draft agenda for Metabiota in country meeting set to take place between the dates of February 17th-19th, 2016.
- Scheduled specific meeting times between Metabiota Project Team and South African stakeholders.
- Requested specific meeting times to be set by South African stakeholders with other organizations of One Health determination including but not limited to: The One Health Steering Committee, University of Pretoria, Department of Agriculture, and the National Institute of Communicable Disease.

Upcoming Activities

Receive and respond to questions or needs for clarification regarding the submitted One Health Epidemiology landscape analysis report.
Preparation of slide presentation to support the facilitation of scheduled in country meetings;

- Finalization and solidification of in-country stakeholder meetings.
- Continue to ensure effective coordination of communication between stakeholders involved in the materials review process.
- Development of final deliverable outline for detailing of recommendations for modification of existing one health epidemiology materials.
  Development of final deliverable outline for training plan roll out recommendations.

Challenges

While our South African partners for this effort are decidedly motivated and engaged in the process of progressing One Health Epidemiology training in country, they have each individually expressed their respective limited bandwidths on this project. Further, and despite our efforts to identify one of our South African stakeholders as a lead communicator, there seems to be continued limitations with in country coordination. This has caused Metabiota to alter its approach towards the development of deliverables and outreach to stakeholders. In kind, an additional amount of effort greater than expected has been necessary to keep the project within scope and on the scheduled timeline.

TD 013 One Health Epi Training – Uganda

Objectives

Increase the operational biosafety and bio-surveillance capacity of Ugandan and Nigerian National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/15- 02/29/16

Total Estimated Budget: $381,705.00
Estimated Expenditure: $232,699.14
Technical Direction Status: Approved

Completed Activities

- Held pre-travel meeting in preparation of Cohort 10 Module 2 Training to take place in Fort Portal, Uganda.
- Re-submission of CLS form to adjust for last minute participant cancellations and associated additions.
- Held bi-weekly conference calls with DTRA CBEP personnel and A&AS support representation;
- Supported request from CDC Uganda to provide improved training manuals for participants during Cohort 10 Module 2 Training.
- Held bi-weekly conference calls with CDC-Uganda to discuss implementation of trainings going forward.
- Developed pre-travel Risk Assessment Report identifying specific threats within Uganda and associated mitigation strategies.
- Procurement and selection of appropriate air travel, hotel, and in-country ground transportation accommodations.
- Management of independent consultant engagement needs for Cohort 10 Module 2 OHE Training.

Upcoming Activities

- Continuation of bi-weekly calls with all OHE project stakeholders.
- Continuation of bi-weekly calls with DTRA CBEP and Metabiota.
- Implementation of OHE Cohort 10 Module 2 training between February 1-5, 2016 in Fort Portal, Kabarole, Uganda.
- Development of Training Trip Report.
- Development and delivery of Project After Action Report containing in-depth recommendations, detailed lessons learned, and further insight for the DTRA COR.

Challenges

The lead up and eventual U.S. based Metabiota Project Team departure to Uganda for Cohort 10 Module 2, was generally smooth and without incident; however, there was some level of difficulty with regard to engaging our CDC partners and determined trainers. Though, much of this lack of communication can be ascribed to the personal and daily workload needs of individuals.

TD 014 Grant Writing Mentorship and Workshop – Kenya

Objectives

The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 7/21/15- 5/15/16
Total Estimated Budget: $113,982.82
Estimated Expenditure: $29,197.62

Technical Direction Status: Approved

Completed Activities

Held bi-weekly calls with DTRA CBEP representation.

- Held follow up calls with DTRA CBEP and (b)(6) regarding resource concerns to support TD-014.
- Developed and submitted a resource reallocation solution in support of (b)(6) concerns over limitations in project resources to DTRA CBEP.

Developed and submitted suggestions for technical direction and technical proposal revisions to DTRA CBEP representation.

- Developed and delivered independent consultant agreements for three Kenya based subject matter experts.
- Engagement of Metabiota Subject Matter experts in support of the review and improvement of participant research manuscripts.

Engagement of AEP Deputy Director to contribute time and technical research writing skills in a subject matter expert capacity.

Final assignment of all manuscripts to workshop mentors.

- Development of SME engagement plan regarding the review of submitted research manuscripts.
- Proposal of draft agenda and lecture materials to all project SMEs in lieu of a response from in country point of contact (b)(6) regarding the delivery of these materials.
- Receipt of 17 of 20 research manuscripts requested.

Submission of CLS and TAF forms to support writing workshop logistics and Metabiota Project Team Travel.

- Resubmission of CLS and TAF forms to support alterations within the project landscape.

Resubmission of CCR form to support the travel of AEP Deputy Director.

Upcoming Activities

Coordination of pre-workshop review of draft participant manuscripts by subject matter experts to support the Writing Workshop.

- Execution of in country workshop in Naivasha Kenya.

Coordination of participants during workshop activities to ensure effective subject matter expert engagement.

Delivery of draft participant manuscripts to DTRA CBEP representation to serve as baseline for evaluation of manuscript improvement.

- Coordination with CLS to ensure that logistical concerns are in line with technical and programmatic needs of the workshop.
- Finalization of Independent Consultant agreements to support the onboarding of Kenyan SMEs.

Begin the process of post workshop SME review of participant manuscripts.

- Continuation of bi-weekly stakeholder calls.
- Development and submission of training trip report in support of Kenya Writing Workshop.

Challenges

Our Kenyan SME's have expressed concern regarding the number of hours available to execute this activity. To address their concerns, Metabiota progressively iterated with the client and Kenyan SME's to revise budgeted hours by labor category, which provided a substantial increase in the number of hours available. Importantly, this exercise did not exceed the originally approved budget.

Departure of Metabiota lead SME (b)(6) lead to some level of last minute logistical challenges. Specifically, (b)(6) departure left the project team down one mentor and, importantly, did not allow enough time to submit new CCR's within DTRA's required window. CBEP POC's, were briefed of this situation and allowed Metabiota to submit a new CCR for AEP Deputy Director, (b)(6) 15 days ahead of travel. (b)(6) will travel to Kenya to provide SME mentor support in (b)(6) absence. While our project team was able to prepare fully for the execution of the workshop, a higher amount than expected of project management and coordination hours were necessary. Finally, there were sustained issues with regard to project SME adherence in engaging in scheduled biweekly calls.

TD 020 Initial Engagement SME Support – Gabon – Cancelled

Objectives
To provide technical support to DTRA CBEP regarding initial engagement activities with Gabonese ministerial officials, historical context and technical advice on gap analyses, and recommend CBEP engagement approaches with the Government of Gabon

Period of Performance: 12/14/15 - 3/31/16
Total Estimated Budget: S 31,955.00
Estimated Expenditure: S2,014.63
Technical Direction Status: *Cancelled*

Completed Activities
- Requested the establishment of a bi-weekly call with DTRA CBEP representation; and Development of communication plan to support TD-020.

Upcoming Activities
- This technical direction has been cancelled

Challenges
No Challenges to report in January

CENTCOM

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan

Objectives
To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-CoV) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 05/16/15- 01/31/16
Total Estimated Budget: S391,056.00

Estimated Expenditure: $378,548.34
Technical Direction Status: Approved

Completed Activities

- Collect, review, and store all documents to ensure the project has met its objectives;
  Prepare written spotlight piece to highlight project activities and successes;
- Review all invoice payments for project closure;
- Completion of final project deliverables to close out TD 002.

Upcoming Activities

None, project is complete.

Challenges

No Challenges to report in January.

TD 003 Bat Borne Virus from Annual Bat Cull – India – Cancelled

Objectives

This effort has been cancelled

Period of Performance: 06/01/15 – 09/30/16
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: *Cancelled*

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop – Jordan

Objectives

Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/15 to 05/15/16
Total Estimated Budget: $488,040.00
Estimated Expenditure: $310,647.75
Technical Direction Status: Approved

Completed Activities

- Continued identification and preparations of logistical requirements, costs, itinerary, and agenda for the Networking and Proceedings Day on 9 March, 2016.
- Submission of revised travel CLS for Scientific Advisory Board members, invited Speakers, and presenters receiving travel support.
  Submission of revised Master CLS for in-country ground travel and logistics support request for March Conference.
  Final US citizen completing JKO trainings for DoD travel support.
  Finalization of Conference agenda and abstract book.

- Submission of conference materials for internal and PAO approval.
  Perform internal export control review of presentation slides.
- Conduct virtual meetings with plenary and symposium speakers to review presentation expectations and introduce speakers to the members in their respective sessions.
  Ongoing communication and collaboration with CBEP personnel, in-country partner RSS, Gryphon Scientific, and CLS to coordinate logistical requirements of the Workshop.

Upcoming Activities

Final CCR submission for non-USG employees.

- Submission of CLS form for Proceedings Book.
  Implement Scenario Planning Day on 9 February to execute a dry-run of the conference event with all partners present.
  Continue close collaboration with key CBEP personnel, Gryphon, RSS, and CLS to monitor travel arrangements and finalize CLS logistical requirements for March, 2016 Conference.

Challenges

Several unexpected events have caused the project requirements to shift, therefore changing the schedule and costs of the project as well. Metabiota, Gryphon, TTI, RSS, CBEP and A&AS have increased communication and shared the additional responsibilities and costs associated with SME travel requirements, Networking Day funding, and overall event logistical planning. Metabiota will continue to maintain clear lines of communication and to engage all relevant stakeholders in regular virtual meetings, in-person group meetings, and email correspondence to achieve project objectives.

TD 005 Long Distance Learning – Iraq – Cancelled

Objectives

This effort has been cancelled

Period of Performance: 06/01/15 – 09/30/16
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: *Cancelled*

EUCOM

TD 011 TADR Activity Project 4 (TAP-4) – Ukraine

Objectives

The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/15/15-01/31/16
Total Estimated Budget: $116,879,54
Estimated Expenditure: $77,644.81
Technical Direction Status: Approved

Completed Activities

Metabiota PM and PC completed and sent final report summarizing the work done in Ukraine, including those items performed by the subcontractor SAFOSO.

Upcoming Activities

None, this activity has completed.

Challenges

No challenges to report in January.

TD 012 Ukraine Project 2 – Ukraine

Objectives

This effort has completed

Period of Performance: 05/16/15-09/30/2015
Total Estimated Budget: $264,788.00
Total Expenditure: $264,788.00
Technical Direction Status: *Completed, Closed* (Transferred to BTRIC TO4)

TD 016 Georgia Geographic Information Systems – Georgia

Objectives

Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15-05/15/16
Total Estimated Budget: $139,514.62
Estimated Expenditure: $15,139.54
Technical Direction Status: Approved

Completed Activities

- Metabiota PM, PC, and SME have participated in communications with the project teams of GG-19, GG-20, and GG-27.
- University of Florida subcontract was fully executed.
- Travel logistics for (b)(6) (UF) were completed.

Upcoming Activities

- Metabiota SME team is providing GIS data analysis support and mentoring to the Georgian scientists while in country, and will continue to do so upon return to US.

Challenges

The CBR project teams have rescheduled teleconferences and meetings a number of times, which has made coordination of the GIS portion of this work challenging. However, it appears that the

coordination of these projects is back on track and the Metabiota PM is communicating with the CBR project teams' leads outside of the scheduled teleconferences and meetings as a risk mitigation.

TD 017 Georgia Subject Matter Expert Grantsmanship – Georgia

Objectives

Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct/indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: S136,732.00
Estimated Expenditure: S48,214.68
Technical Direction Status: Approved

Completed Activities

Metabiota PM and PC held regular communications with the SMEs to discuss the mentorship plan and materials, and the strategy for moving forward with LMA, and for providing WAWF training to NCDC.

Metabiota PM and PC communicated with DTRA and A&AS via email and phone to discuss project status and obstacles.

- Metabiota SMEs drafted an agenda for kicking off Grantsmanship work with LMA scientists.

Metabiota SMEs departed to Tbilisi in order to implement Grantsmanship mentoring with LMA.

Upcoming Activities

Metabiota SMEs were in country from 31 January to February 6 to implement Grantsmanship mentoring with scientists at LMA.

- Metabiota is developing a path forward for WAWF training for NCDC administrative staff.

Challenges

No challenges to report January

TD 018 Georgia Visiting Scientist Genomics – Georgia

Objectives

Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: $384,435.00
Estimated Expenditure: S138,719.93
Technical Direction Status: Approved

Completed Activities

The Metabiota PM and PC held email and phone communications with the Visiting Scientist (VS) to discuss current activities and assist the VS with any issues requiring programmatic input.

- Metabiota VS has continued mentoring [redacted] in multiple topic areas related to next-generation sequencing methods. These efforts covered but was not limited to topics such as the chemistry and physical basis underlying the Illumina sequencing technology; elements of the NGS data analysis pipeline including error, file structures, software tools, and more; and a review of other sequencing platforms for comparative purposes.
  Metabiota VS mentored [redacted] and [redacted] on the structure and content of draft genome reports for submission to publications.
- Metabiota VS mentored [redacted] on comparative genomics procedures for the recently funded *F. tularensis* project.

Upcoming Activities

- Metabiota VS will continue mentoring in all above mentioned mentoring areas.

Challenges

There appears to be an issues with the Illumina MiSeq sequencer at the Lugar Center. There may be a physical problem with the machine. No new data can be generated at this time; this likely will not impact mentorship unless the issue persists for an extended period of time as existing data can be used for mentorship purposes.

TD 019 Georgia Visiting Scientist Microbiology – Georgia

Objectives

Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: $382,330.00
Estimated Expenditure: $181,043.99
Technical Direction Status: Approved

Completed Activities

The Metabiota PM and PC held regular calls with the Visiting Scientist (VS) to discuss current activities and assist the VS with any issues requiring programmatic input.

- Metabiota VS continued assisting Lugar Center and Batumi staff with troubleshooting of the PCR protocols and reagents for the avian influenza CBR work with University of Cambridge. Metabiota VS communicated with project leads and compared issues seen at Lugar Center against issues at Batumi. There may be two separate problems. Further assistance with troubleshooting will not be possible without traveling to the Batumi ZDL.
  Metabiota VS mentored LMA staff on a microscopic agglutination test (MAT) for tularemia. He also mentored their scientists working on procurements for anthrax and leptospirosis diagnostics. He also coordinated communications between LMA staff and [redacted] regarding a BAA submission on African swine fever. Lastly, he mentored LMA staff in technical writing related to an upcoming quarterly report.

Upcoming Activities

- Metabiota PM, PC, and VS have begun initial planning for troubleshooting at Batumi ZDL related to the DTRA-funded AIV surveillance.
  Metabiota VS will continue to participate in coordination calls and meetings for CBR projects funded by DTRA and support and mentor Georgian scientists involved in those projects as needed.
  Metabiota VS will begin mentoring a Lugar Center scientist on manuscript preparation related to bacterial work on bat specimens.
- Metabiota VS is assisting NCDC in considering options on how to use the GC/MS instrument to satisfy funder goals.

Challenges
No challenges to report in January.

PACOM

TD 006 Nipah Research Activity Project – Philippines – Cancelled

Objectives
This effort has completed.

Period of Performance: 06/01/15 09/30/15
Total Estimated Budget: $874,846.00
Total Expenditure: $11,985.82
Technical Direction Status: *Cancelled*

TD 007 Regional Baseline Assessment Southeast Asia

Objectives
Characterize the region based on the disease landscape, organic regional capabilities, and external factors that impact CBEP objectives, identify needs and areas of overlap with other stakeholders, and provide overarching strategic guidance & goals to CBEP PACOM Country Managers in the development of country engagement strategies.

Period of Performance: 05/16/15 10/31/15
Total Estimated Budget: $850,489.00
Total Expenditure: $850,489.00
Technical Direction Status: Approved

Completed Activities

Prepared briefing for February PACOM out-brief in coordination with Metabiota SMEs and CBEP.
Prepared for and rescheduled out-briefing to February to allow for leadership attendance.
Coordinated with CBEP regional leads to close out project and ensure bound, final deliverable and out-briefing is presented in February.

Upcoming Activities

- Final project briefing in early February.

Challenges
No Challenges to report in January.

TD 015 Health Informatics Support – Vietnam

Objectives
This effort has completed.

Period of Performance: 05/16/15 06/30/15
Total Estimated Budget: S51,804.80
Total Expenditure: $51,804.80
Technical Direction Status: *Completed, Closed*

Metrics

Table 1 – Summary of Invoicing

CLIN	Total Awarded	Total Funded	Total Invoiced	Total Remaining
0001	$2,945,896.76	$2,945,896.76	$2,945,896.76	$0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	$1,283,857.97	$1,283,857.97	$0.00
0004	$1,194,823.51	$1,194,823.51	$1,194,823.51	$0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00
0008	$164,002.13	$164,002.13	$122,032.17	$41,969.96
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$1,938,246.22	$1,938,246.22	$1,211,403.90	$726,842.32
1002	$7,619,312.70	$3,720,344.38	$3,038,145.77	$682,198.61
1003	$806,459.36	$421,652.00	$327,812.97	$93,839.03
1004	$78,348.00	$78,348.00	$5,820.90	$72,527.10
1005	$2,329,590.00	$400,000.00	$163,383.47	$236,616.53
TOTAL	**$19,816,346.97**	$13,602,981.29	$11,748,987.75	$1,853,993.54

Table 2 – Summary of Implemented Training

Training Month	Region	Country	Type	Human, Veterinary, One Health	#Trained	TOT
Apr-14	Africom	Sierra Leone	Clinical	Human	385	Yes
May-14	Pacom	Singapore	Bio-Surveillance	One Health	8	No
Feb-15	Africom	Uganda	Bio-Surveillance	One Health	25	No
Apr-15	Pacom	Australia	Bio-Surveillance	One Health	9	No
Apr-15	Africom	Uganda	Clinical	Human	33	Yes
May-15	Africom	Uganda	Bio-Surveillance	One Health	38	Yes
May -15	Africom	Uganda	Clinical	Human		Yes
June-15	Africom	Uganda	Clinical	Human		Yes
May -15	Centcom	Kazakhstan	Bio-Surveillance	Human		Yes
Jul-15	No trainings implemented in July.					
Aug-15	No trainings implemented in August					
Sept-15	No trainings implemented in September					
Oct-15	Africom	Uganda	Bio-Surveillance	One Health	22	Yes
Nov-15	No trainings implemented in November					
Dec-15	Africom	Uganda	Bio-Surveillance	One Health	22	Yes
Dec-15	Africom	Uganda	Bio-Surveillance	One Health	25	Yes
Dec-15	Centcom	Kazakhstan	Bio-Surveillance	Human		Yes

Table 3 – Summary of Contract Modifications

Contract Modifications	Requirement / Description	Date Received	Letter Issued to DTRA
P00001	Respond to the Ebola outbreak in Africa	21-Mar-14	18-Apr-2014
P00002	Removed FTE and geographical restrictions from SOW	27-Mar-14	25-Apr-2014
P00003	Authorized use of existing LOE under CLIN 04 at the discretion of the COR	4-Apr-14	9-May-2014
P00004	Bat-borne pathogen surveillance	6-May-14	5-Jun-2014
P00004	Clinician Training in at least 3 African countries	6-May-14	5-Jun-2014
P00004	BS&S / NHLS Training in South Africa	6-May-14	5-Jun-2014
P00005	Added funding at the SLIN level to requirements listed in P00004	14-May-14	N/A
P00006	SURGE CLIN - Extended POP for EBOV response	12-Jun-14	N/A
P00007	REA Negotiation	25-Jun-14	27-Jun-2014
P00008	Surge POP extension	6-Aug-14	N/A
P00009	REA for Bat-Borne Training and revised Rate Cards	3-Sep-14	N/A
P00010	Ukraine Projects – UP2 & TAP4	17-Sep-14	N/A
P00011	Incorporates FAR clause 52.225-99 initiating use of Synchronized Pre-deployment and Operational tracker for efforts in Africa.	4-Dec-14	N/A
P00012	Authorizes FFP funds for CLIN 0003 and CLIN 1006. Incorporates requirement for DBA insurance.	26-Jan-15	N/A
P00013	Issues change order from FFP LOE to FFP. Requests Proposal extension of base year through April.	2-Feb-15	N/A
P00014	Awards Base Year Extension	10-Apr-15	N/A
P00015	Realigns funding between ACRNS	16-Apr-15	N/A
P00016	Issues two week extension for base year	21-Apr-15	N/A
P00017	Awards T&M Option Year for $12,771,956.28.	15-May-15	N/A
P00018	Provides Incremental funding for Option Year 1	15-May-15	N/A
P00019	Funds REA and changes contract clauses.	3-Sep-15	N/A
P00020	Adds funding to CLIN 1002 and 1005	28-Sep-15	N/A
P00021	Adds FLN rate card. Changes Key Personnel. Adds Subcontractor and FAR clause	28-Sep-15	N/A

Table 4 – Summary Committed Funds

CLIN	Total Awarded	Total Funded	Total Committed	Total Remaining Funding
0001	$2,945,896.76	$2,945,896.76	$2,945,896.76	$0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	$1,283,857.97	$1,283,857.97	$0.00
0004	$1,194,823.51	$1,194,823.51	$1,194,823.51	$0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00

0008	$164,002.13	$164,002.13	$122,032.17	$41,969.96
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$1,938,246.22	$1,938,246.22	$1,938,246.22	$0.00
1002	$7,619,312.70	$3,720,344.38	$4,088,989.72	-$368,645.34
1003	$806,459.36	$421,652.00	$449,826.47	-$28,174.47
1004	$78,348.00	$78,348.00	$77,297.84	$1,050.16
1005	$2,329,590.00	$400,000.00	$365,409.19	$34,590.81
TOTAL	**$19,816,346.97**	**$13,602,981.29**	**$13,922,190.16**	**-$319,208.87**

Table 5 – 75% Estimate

CLIN	Total Awarded	Total Funded	Total Expended	Estimate 75% Funding Completion Date
1001	$1,938,246.22	$1,938,246.22	$1,372,925.42	February 2016
1002	$7,619,312.70	$3,720,344.38	$3,216,979.17	29-Dec-2015
1003	$806,459.36	$421,652.00	$343,022.04	29-Dec-2015
1004	$78,348.00	$78,348.00	$6,748.55	15-May-2016
1005	$2,329,590.00	$400,000.00	$167,207.12	15-May-2016
TOTAL	**$12,771,956.28**	$6,558,590.60	$5,106,882.30	

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Monthly Progress and Financial Report
CDRL A001

Prepared for:

Prepared by:

METABIOTA

Monthly Progress and Financial Report CDRL A001 No. #28
June 01, 2016 –June 31, 2016

07/10/16

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This submission of the Monthly Report (Contract Data Requirements List; CDRL A001) encompasses implementation of Academic Engagement Partnership (AEP) program activities in accordance with Defense Threat Reduction Agency (DTRA) Cooperative Biological Engagement Program (CBEP) contract HDTRA1-14-C-0104 for 06/01/16 – 06/31/16.

Active Technical Directives

AFRICOM

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing – Cameroon

Objectives

Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 – 11/15/16
Task Areas: Task 2 (Scientific Mentor), Task 3 (Qualified Trainers)
Total Estimated Budget: $125,975.00
Estimated Expenditure: $89,639.99
Technical Direction Status: *Approved, Ongoing*

Key Points

- Tentative training dates were proposed by DTRA CBEP to the Cameroon Ministry of Defense for August 9-11, 2016.
- Forward progress continues to be hampered by the lack of agreement by DTRA CBEP, US Embassy, and Ministry of Defense on a confirmed set of dates for the training to occur. Metabiota continues to maintain awareness of trainer schedules to facilitate the identification of new training dates.

Completed Activities

Program Manager:
(b)(6) (in conjunction with Trainer 1 (b)(6) participated in teleconferences with LCDR (b)(6) (DTRA CBEP Cameroon Country Manager) and his support team. (b)(6) provided general oversight to the submission of pre-travel documentation requirements.

Trainer 1:
(b)(6) (in conjunction with (b)(6) participated in teleconferences with DTRA & A&AS. (b)(6) also continued the effort to keep our online trainer availability calendar updated. (b)(6) additionally developed and submitted pre-travel preparation forms, including an amendment to the Training Event Plan, the CCR, and the draft CLS form.

Upcoming Activities

- Once training dates have been finalized, Metabiota will move forward with training travel preparations.

Challenges
Training dates are being coordinated slowly through the OSC Chief at US Embassy in Yaoundé. Additionally, there may be a need for DTRA CBEP to procure PPE specifically for this training; [redacted] had indicated his intention to release current PPE stocks to maintain relations with Government of Cameroon.

TD 009 NHLS BS&S Training – South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/15 – 11/15/16
Task Areas: Task 3 (Qualified Trainers) Task 4 (Subject Matter Experts)
Total Estimated Budget: $335,607.11
Estimated Expenditure: $268,352.03
Technical Direction Status: *Approved, Ongoing*

Key Points
- The period of performance for this activity was extended through a no-cost extension to 15 November 2016.
- Work has begun on the software development of the OHASIS module.
- Post-production continues on the BS&S videography.
- Procurements of respirators and adaptors have begun to support the fit-testing effort.

Completed Activities

Program Manager:
[redacted] teleconferences with the DTRA CBEP South Africa Country Manager [redacted] DTRA CBEP AFRICOM Regional Science Manager [redacted] and A&AS representatives to discuss project status, including discussions around the extension of the period of performance. [redacted] provided management oversight of the Metabiota/NHLS team, communicating with the NHLS team via email and telephone. He worked with the NHLS team on administrative matters including contract extensions, procurements, reporting, and invoicing. [redacted] also provided inputs to [redacted] regarding the submission of the final scripts for the BS&S videos as well as progress of the OHASIS module development.

Grants Manager:
[redacted] provided in-country oversight and management of the NHLS team. He worked with [redacted] to address administrative matters including contract extensions, procurements, reporting, and invoicing. [redacted] also worked with [redacted] on developing the OHASIS module. Specifically, [redacted] helped to collect data for entry into the OHASIS module for beta testing as well

as assist the procurement of a more appropriate style of caliper for facial measurements. Mr. Jones also worked with the NHLS subject matter experts involved in the videography project to collect inputs on the final scripts and translations for the videos and provide those inputs back to the videography company for use in post-production.

[redacted] participated in teleconferences with DTRA CBEP and A&AS representatives to discuss project status. [redacted] and [redacted]s on administrative matters including contract extensions, procurements, reporting, and invoicing. [redacted] also provided inputs to Mr. Jones regarding the submission of the final scripts for the BS&S videos as well as progress of the OHASIS module development.

Subject Matter Expert 1:
[redacted] continued the development of the OHASIS module to be deployed into the NHLS OHASIS system. In particular, he worked with [redacted]o identify requirements, generate mockups, and continue writing software code to implement the module.

Research and Data Analyst:
Research and Data Analysts [redacted]a and [redacted]l provided administrative support in-country on financial tasks including timekeeping, invoicing, and contract extension. [redacted] also participated in project coordination calls with [redacted]

Upcoming Activities

- Continue development of the OHASIS module.
- Finalize procurements for the fit-testing program.

Challenges
There are no significant challenges present or anticipated at this time.

TD 013 One Health Epi Training – Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/15 – 11/15/16
Task Areas: Task 2 (Scientific Mentor), Task 3 (Qualified Trainers), Task 4 (Subject Matter Expert).
Total Estimated Budget: $350,241.87
Estimated Expenditure: $272,022.82
Technical Direction Status: *Approved, Ongoing*

Key Points

- Complete list of training participants have been identified jointly by CDC-Uganda and the Ugandan Ministry of Health.
- Submission of all training training and travel related CDRLs and contractual requirements including the TEP, CCR, CLS, and TAF forms in support of Cohort 11 Module 1 Training.

- Submission of all training and travel related CDRLs and contractual requirements including the TEP, CCR, CLS, and TAF forms in support of Cohort 11 Module 1 Training.
- Selection of the training location for Cohort 11 Module 1 Training as Fort Portal, Kabarole District Uganda.
- Identification of Uganda based trainers to support Cohort 11 Module 1 Training.
- Established and executed monthly programmatic call with DTRA CBEP.
- Established and executed bi-weekly project calls with CDC-Uganda.

Completed Activities

Program Manager:
Metabiota Regional Africa Program Manager (b)(6) established and led regular communications with in country performer, CDC-Uganda and DTRA CBEP Uganda. He provided project and programmatic oversight to the submission of all travel and training related CDRLs and contractual requirements. (b)(6) additionally provided oversight to the onboarding and engagement of independent contractors tasked with leading the implementation of the training in country.

Research and Data Analyst:
Metabiota Project Coordinator (b)(6) provided communication support during all engagements with DTRA CBEP and the Uganda based stakeholders by participating in all project calls and recording and distributing all meeting minutes. (b)(6) provided technical support towards the development and adjustment of independent consultant agreements. She also participated in all conversations surrounding the identification of challenges and mitigation strategies associated with project risks.

Upcoming Activities:

- Implementation of Cohort 11 Module 1 One Health Epidemiology Training
- Submission of Travel and training related CDRLs and supporting documentation including the Training Even Plan (TEP), CLS form, Cable Clearance Request Form (CCR), Travel Authorization Request (TAF), and Bill of Materials (BOM) in support of Module 2 of Cohort 11 training.
- Continuation of bi-weekly project calls with CDC-Uganda Representation.
- Continuation of Monthly project calls with DTRA CBEP Uganda Representation.
- Identification and procurement of travel support including airfare, visas, vaccinations, lodging, and transport.
- Delivery of participant invitation letters.

Challenges:
None

TD 022 Biosurveillance and Grantsmanship Training – Uganda

Objectives
Advance the biosafety and biosecurity capacity in Uganda through the development, coordination and execution of a pilot biosurveillance study focused in Rift Valley fever (RVF), avian influenza (AI), and peste des petits ruminants virus (PPRV). Provide subject matter expertise to assist participants in

development and submission of grant proposals, and development of standard operating procedures to increase enhance local skills in early detection and prevalence determination of RVF AI and PPRV.

Period of Performance: 3/21/16 – 11/15/16
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts), Task 5 (Research Collaborators) Task 6 (Research Activity Projects)
Total Estimated Budget: $253,635.27
Estimated Expenditure: $41,838.96
Technical Direction Status: *Approved, Ongoing*

Key Points

- SOPs have been granted an ACURO biosurveillance exemption after being reviewed by the associated DTRA board
- All SOPs have been submitted and are pending a review for their approval for use in country under the Uganda Virus Research Institute's existing IRB.
- Documents were submitted for all training and travel related CDRLs and contractual requirements including the TEP, CCR, CLS, and TAF forms in support of Biosurveillance training implementation set to take place between the dates of August 15-26, 2016.
- Metabiota engaged project performer and subcontractor Africa Biomedical Laboratories to prepare all training materials for biosurveillance training implementation.
- A list of materials to be procured for the biosurveillance training and biosurveillance pilot study was developed, finalized and sent to DTRA CBEP for review.
- Draft CLS documents were developed and submitted for review in support of the biosurveillance pilot study implementation needs.

Completed Activities:

Program Manager:
Metabiota Regional Africa Program Manager, (b)(6) continued to lead regular communications with project study lead stakeholders, project subcontractors, and DTRA CBEP representation. (b)(6) provided communication and oversight to the onboarding of Project subcontractor Africa Biomedical Laboratories in an effort to determine their ability and willingness to lead the pilot study training. (b)(6) oversaw the development of both a schedule and timeline in support of the development of training materials and ensured the submission of all travel and training related CDRLs and contractual requirements in support of biosurveillance training implementation.

(b)(6) led communications in support of an ethical review of project SOPs. A path forward was identified for the submission of all project SOPs to the DTRA CBEP ROB, and the documents were submitted in kind with (b)(6) oversight. (b)(6) worked with project stakeholders, the Metabiota PC and the internal scientific team at Metabiota to identify a Uganda based IACUC at the Uganda Virus Research Institute. he additionally provided oversight to the submission of these documents to the IACUC. (b)(6) also refined the field and laboratory materials lists for pilot study implementation. (b)(6) reached out to project leads to identify which materials on the original lists are critical for study implementation. The resulting lists now adhere to the $100,000 ceiling for materials.

Research and Data Analyst:

(b)(6) continued to lead the effort to collect and revise SOPs for DTRA ROB and institutional IACUC submission. After identifying and collecting all project SOPs involving direct animal use, (b)(6) (b)(6) developed an engaged a structure for the protocols and led the primary review of the SOPs for completeness. After receiving revised SOPs from the project SME, (b)(6) conducted a final round of revisions and review to ensure SOPs meet ROB standards. (b)(6) wrote a project proposal to accompany the SOPs requesting a biosurveillance exemption.

(b)(6) worked to support the development of draft CLS forms to reflect the need for an overlapping approach to pilot study implementation. This approach adhered to the 8-week pilot study window while addressing stakeholders' concerns of a lack of available time to complete all project work (b)(6) ensured the collection of information through discussion with project stakeholders, (b)(6) was additionally able to compile a list of sampling locations for the pilot studies. (b)(6) (b)(6) continued to provide overall programmatic support during all project communications and worked to develop the procurement list in concert with (b)(6) the project stakeholders and internal Metabiota staff prior to submission to DTRA for review.

Subject Matter Expert 1:

(b)(6) assisted thoroughly with the effort to identify an external IACUC for SOP submission. (b)(6) (b)(6) provided overall technical review of all of the SOPs submitted by the project stakeholders giving expert feedback to ensure their conduciveness to ethical standards.

(b)(6) also began leading the development of all biosurveillance training materials during this period, he took on this role after it was identified that AFENET would not be available to complete this task originally requested of them.

Subject Matter Expert 1:

(b)(6) provided support to (b)(6) during both the review of all project SOPs and the development of training materials to support training implementation. (b)(6) additionally provided support to the development supplementary documents to be submitted for both ACURO and IACUC review.

Upcoming Activities

- Submission of travel and training related CDRLs and supporting documentation including the BOM and potentially any revisions to the CLS form in support of the 10-day pilot study training.
- Receipt and potential revision of pilot study SOPs submitted to DTRA for ROB exemption.
- Receipt and potential revision of pilot study SOPs submitted to the UVRI IACUC review.
- Submission of all ACURO and IACUC reviewed SOPs to UNCST for final in country approval
- Submission of all CLS forms detailing pilot study needs for all projects.
- Finalization of all procurement documents in support of pilot study material acquisition.
- Development of training materials for PAO approval.

Challenges

Project stakeholders have been minimally responsive to requests for materials such as SOPs, pilot study plans, and project proposals. These and other materials have only been obtained after repeated email communication and phone calls and sometimes not at all. The materials that have been obtained frequently do not meet the requested specifications (for content, format, or length) or arrive too late to

be relevant for the particular task. As a result, the Metabiota project team has consistently needed to develop much of this content with project resources otherwise relegated to other programmatic needs. Though not identified as part of the original technical direction, Metabiota has been required to spend a significant amount of effort on the development and revision of SOPs in support of both the ACURO and IACUC approval process. While this effort has been facilitated and accomplished, it was done so at the expense of significant project resources.

It has been identified by both project stakeholders and the internal project team, that the amount of topics and study areas requested to be included as part of the implementation of biosurveillance training in Uganda may be too dense. In kind the roll out of training could serve to gloss over certain necessary aspects. Metabiota has been working with project subcontractor Africa Biomedical Laboratories and its internal scientific team to identify the most appropriate path forward.

TD 023 One Health Epidemiology Short Course Curriculum Update and Edits – South Africa

Objectives
Increase the operational biosafety and bio-surveillance capacity through the development of a One Health Epidemiology short course tailored to the needs of South Africa. Increase the sustainability of the course work through development of a train the trainer module to be delivered to select South African trainers of the short course.

Period of Performance: 3/21/16 – 11/15/16
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts)
Total Estimated Budget: $112,883.28
Estimated Expenditure: $44,989.56
Technical Direction Status: *Approved, Ongoing*

Key Points
- Project SME's have continued to streamline their development process with support from the Metabiota PM and PC.
- A clear strategy to delineate basic and advanced training tracks has been developed.
- Seven basic and advanced presentations have been completed.
- SMEs involved in materials adaptation have been engaged specifically with regard to their areas of focus, and continue to work in concert to ensure effective output and prevent duplication of effort.

Completed Activities

Program Manager:
Metabiota Africa Regional Program Manager, (b)(6) provided programmatic oversight throughout this period and was responsible for leading all communications with DTRA CBEP as well as programmatic communications for the internal project team. He led regular bi-weekly communication with DTRA CBEP and oversaw the submission of a project work plan purposed to clarify scope and to provide DTRA CBEP with an outline of project constraints. (b)(6) dditionally worked with Metabiota PC (b)(6) to progressively elaborate the project schedule in an effort to reflect input from project SME's in real-time. (b)(6) additionally oversaw the development of a review agenda for the 30% meeting during this period

Research and Data Analyst:
Metabiota Project Coordinator (b)(6) provided communication support during all engagements with DTRA CBEP and the Ugandan stakeholders by participating in all project calls and recording and distributing all meeting minutes. (b)(6) provided technical and writing support towards the development of the project work plan. She also participated in all conversations surrounding the identification of challenges and mitigation strategies associated with project risks. (b)(6) additionally worked to support the resource needs of all SME personnel through regular communication and collaborative engagement, and supported (b)(6) n the development of the 30% review agenda.

Hours charged to this category also represent the time of (b)(6) rovided technical support towards the development and adaptation of materials specifically for "Measures of Disease Spread". She participated in technical and programmatic communication calls with project staff, and provided infectious disease expertise towards the overall project approach as well as the delineation between advanced and basic course work. She also reported regularly to the PM and provided an explanation of weekly production for submission to DTRA CBEP representation.

Subject Matter Expert 2:
Metabiota Staff Scientist (b)(6) provided technical leadership towards the development and adaptation of all materials. She participated in bi-weekly conference calls with DTRA CBEP representation and led weekly technical communications with project technical staff. She additionally worked towards the development of the project work plan by ensuring feasibility of the overall project approach. (b)(6) worked to adapt and develop training materials, and to review the work of other project SMEs to ensure an overall consistency in approach. She reported regularly to the PM and provided an explanation of weekly production for submission to DTRA CBEP representation.

Trainer 2:
(b)(6) rovided technical support towards the development and adaptation of materials specifically for "Introduction to Excel" and "Avian Influenza" lectures. He participated in technical and programmatic communication calls with project staff, and provided veterinary and training program development expertise towards the overall project approach as well as the delineation between.

Upcoming Activities

- Maintain bi-weekly communication DTRA CBEP South Africa representation.
- Maintain regular weekly technical communication with the internal project team.
- Continued development of project modules.
- 30% materials review slated to take place on 7 July 2016.
- Identification of 60% review dates.
- Continued adaptation of schedules.

Challenges

- The currently suggested LOE to complete all project deliverables may be insufficient. Metabiota has suggested a realignment of SME hours and has taken steps to minimize operational costs on this project. The project team will report to DTRA CBEP with regularity regarding this issue.

TD 025 Technical Writing Workshop and Mentorship – Ethiopia

Objectives
Provide capacity building and sustainability in BS&S projects by conducting a Technical Writing workshop on developing a successful research proposal and white paper. Provide mentorship and support to workshop participants in finalizing and submitting for grant support to increase the research project completed in country.

Period of Performance: 4/15/16 – 11/15/16
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts)
Total Estimated Budget: $89,240.77
Estimated Expenditure: $14,663.00
Technical Direction Status: *Approved, Ongoing*

Key Points
- Regular bi-weekly communications were held with both DTRA CBEP representation and the Ethiopian Stakeholders representing NAHDEC and EPHI.
- Metabiota subcontractor AAAS was has been on-boarded to the project.
- Dates for the in-country workshop have been selected and agreed upon as 25-29 July 2016 between DTRA CBEP, Metabiota, and the Ethiopian stakeholders representing NAHDEC and EPHI.
- All travel and training related CDRLs and contractual requirements have been submitted in support the in-country workshop including the TEP, CCR, CLS, and TAF forms.
- Materials for the implementation of the technical writing and Grantsmanship workshop have been submitted for PAO approval.

Completed Activities

Program Manager:
Metabiota Africa Regional Program Manager, (b)(6) provided programmatic oversight throughout this period and was responsible for leading all communications with DTRA CBEP as well as programmatic communications for the internal project team. He led and established a project kick-off call with both DTRA CBEP and the Ethiopia based stakeholders. (b)(6) worked with Metabiota PC (b)(6) to ensure submission of the CLS, CCR, and TAF forms. (b)(6) additionally oversaw the submission of all materials developed by AAAS in support of the technical writing and Grantsmanship workshop.

Research and Data Analyst:
Metabiota Project Coordinator (b)(6) provided communication support during all engagements with DTRA CBEP and the Ethiopian stakeholders by participating in all project calls and recording and distributing all meeting minutes. (b)(6) provided technical and writing support towards the development of all project CDRLs and contractual requirements. She also participated in all conversations surrounding the identification of challenges and mitigation strategies associated with project risks.

Subject Matter Expert 1:

Represents the time of (b)(6) who served as the lead subject matter expert during this period. (b)(6) contributed to the development of all training materials during this time period and participated in all regular communications with Metabiota.

This also represents the time of (b)(6) during the month of June who is a representative of AAAS. (b)(6) participated in regular project communication and provided support to (b)(6) (b)(6) during the development of all training materials.

Upcoming Activities

- Continuation of bi-weekly communication with DTRA CBEP representation and Ethiopian Stakeholders.
- Implementation of the technical writing and Grantsmanship workshop in Addis Ababa Ethiopia.
- Respond to any comments or concerns surrounding the approval of materials submitted for PAO approval.

Challenges

None

CENTCOM

TD 021 Field Epidemiology and BS&S Training – Iraq

Objectives

Conduct remote trainings on epidemiology and BS&S/Biorisk management for one cohort of Iraqi scientists, and also engage them to familiarize them with the Iraq National Biological Emergency Response Plan and work on a gap analysis of said plan. Conduct remote trainings on epidemiology for a second cohort.

Period of Performance: 02/19/16 – 11/15/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $741,503.00
Total Expenditure: $300,440.93
Technical Direction Status: *Approved, Ongoing*

Key Points

- Received approval for TEP 0356 IZ and TEP 0357 IZ, pending participant roster information.
- Prepared and submitted identified project risks and impacts with a revised project schedule to DTRA, which was informally approved on June 23.
- Received Comments Tracker from CBEP for Topic 1 materials.
- Reviewed and responded to DTRA comments. Will submit final Topic 1 materials and responses to Topic 1 Comments Tracker NLT July 8.
- Submitted Topic 2 Epi materials for technical review and PAO approval.
- Submitted Topic 3 Epi materials for technical review and PAO approval.
- Prepared and submitted Memos for DTRA to present to MoH.
- Reviewed and responded to DTRA comments. Will submit final Topic 2 materials and responses to Topic 2 Comments Tracker NLT July 22.

- Facilitated an Arabic-only phone call between DTRA, CDC, MB and Iraq MoH.
- Held LMS Admin Training.
- Continued development of FLN support contract with URC.
- Sent RFQ to prospective vendors for hands-on-training material procurement. Completed Cost-Bid-Analysis on June 6.
- Revised materials list and sent revised materials list for updated RFQ on June 29.
- Prepared BS&S Remote and Hands-on Training materials, completed internal review. Currently incorporating internal review feedback. Will submit materials in July.

Completed Activities

Program Manager:

PMs (b)(6) have supported all project activities to date. PMs participated in routine meetings with DTRA CBEP and A&AS teams to facilitate updates to project schedule, discuss challenges, and support project approval, as well as provide routine project updates. The PMs have maintained visibility with DTRA CBEP on project status and have offered solutions to address project obstacles.

(b)(6) continues to work closely with CBEP POCs as well as in-country and WMRI SMEs to facilitate communication, receive training materials, review BS&S needs, and participate in routine project meetings and calls to support this engagement. (b)(6) has provided a general review of WRMI's submitted course materials for the Biosafety, Biosecurity and Biorisk Management Remote Course (b)(6) (b)(6) have reviewed epidemiology training materials, completed project schedule changes, and assisted in the facilitation of project approval by the MoH. He participates in routine project calls with BS&S and Epidemiology Trainers and provides technical support and guidance as needed. He coordinates directly with CBEP PoCs and attended a comments review meeting on the epidemiology materials facilitating revision requirements needed for epi materials.

(b)(6) manages administrative components to include project schedule, LOE, budget, and delivery and submission of CDRLs. (b)(6) worked with the project coordinator to approve purchases of selected course materials, contractual engagements on the project, and completion of the URC subcontractor for local procurement and FLN support. She participates in routine project calls with the epi and BS&S teams, and has taken part in the LMS training.

Subject Matter Expert 1:

SMEs (b)(6) support project activities in direct coordination with PMs. They participate in routine project calls, meetings, and assist in the engagement of the project team.

(b)(6) supports and works closely with Watermark Risk Management International (WRMI) in the development of BS&S training components. She has provided an in-depth review of WRMI's submitted course materials for the Biosafety, Biosecurity and Biorisk Management Remote Course, and provided feedback to the team. (b)(6) also reviewed the hands-on materials list and provided edits and feedback according to course material and delivery. She coordinated the completion of a revised procurement list with WRMI and the PC. (b)(6) participated in routine communication with WRMI, PC and PMs.

The Project Coordinator, (b)(6) supports the PMs through the maintenance of the project schedule, preparation of CDRL requirements, communication with and coordination of BS&S and Epidemiology technical teams, LOE review, material review and procurement, maintenance of project visibility to CBEP POCs and stakeholders, and coordination of routine project conference calls and meetings with technical teams and CBEP POC's. (b)(6) submitted the revised Hands-On-Training materials list to the Procurement Department to prepare a Request for Bid and Cost Bid Analysis. (b)(6) continued to facilitate revisions of URC's contract for FLN support and has established and participated in the LMS training (b)(6) ubmitted training materials for technical review and public affairs approval and will continue to coordinate submission of CDRLs and routine calls with the project team and SMEs.

Epidemiology SME Is (b)(6) participated in routine project calls and regular email communications with Metabiota PC and PMs. They worked with the epidemiology team to complete development of epidemiology training materials and development of the course schedule, to include trainer delivery of each course and module. (b)(6) and Lam completed responses and revisions to the epidemiology training materials following feedback from CBEP, and completed the comments tracker for submission. They participated in a materials review call with CBEP & A&AS PoCs and will continue to address revisions, as needed. In addition, (b)(6) continued to facilitate internal meetings with the epi team for coordination of material development.

Subject Matter Expert II:
WRMI SME II's, (b)(6) participated in routine project calls with Metabiota personnel and developed information requirements and recommendations for project execution via email and phone communications. SMEs completed development of the first hands-on BRM/BS&S course including lesson plans, presentations, and associated documentation. Following coordination with the Metabiota project team, they completed revisions to the hands-on course materials list, and submitted the Detailed Design Document covering the Hands-on Course. In addition, they began revision of the remote course materials based on Metabiota project team feedback.

Epidemiology Trainer, (b)(6) Jumaan participated in routine project calls and regular email communications with Metabiota PC and PMs. She worked with the epidemiology team to complete development of epidemiology training materials and development of course schedule. (b)(6) completed responses and revisions to the epidemiology training materials following feedback from CBEP, and completed the comments tracker for submission. She participated in a materials review call with CBEP & A&AS PoCs and will continue to address revisions, as needed. (b)(6) facilitated communication with in-country PoC (b)(6) and has communicated directly with him regarding facilitation of the project. She also participated in an Arabic only call to discuss project execution, approval and to address and mitigate project challenges.

Research and Data Analyst:
The WMRI RDA has provided administrative support to the WMRI project team and completed the monthly invoiced required on the project.

Epidemiology Trainer (b)(6) has continued to collect reference materials, and participated in the development of the project schedule for delivery of training modules. She collected and provided diagrams and illustrations to be included in training materials, supplementary training materials, as well as pre and post tests for course delivery. In addition, she continued development of topic 1,2, and 3

training materials completing revisions and addressing CBEP feedback. She also initiated development of topic 4 materials for submission to CBEP. (b)(6) participates in routine project calls and communicates regularly with PC, PMs, and Epidemiology Project Team.

Upcoming Activities

- Submission of BS&S and Epidemiology training materials to DTRA CBEP for technical review and PAO approval.
- Moodle LMS software training courses for BS&S and Epidemiology Trainers.
- Complete training material procurement by June 15, submit CLS Shipping Request forms, and begin shipment of materials to CLS warehouse.
- Submit request to subcontract with URC to CBEP, complete subcontract execution, engage identified FLNs.
- Continue coordination with key stakeholders and partners.

Challenges

Pending approval for the in-country PoC, (b)(6) to support the development of this project, compounded with the absence of official approval from the Director General of Public Health to implement the project, has caused delays in project planning and preparation. Epidemiology and Biosafety & Biosecurity Trainers adapted course materials to accommodate the lack of participant information, however, the letters of invitation for the courses cannot be delivered until the project receives official authorization to proceed. Since June is the holy month of Ramadan and Eid in Iraq, these delays of political authorization will impact project schedule. Metabiota PMs and PC have prepared alternate fast tracked schedules so as to minimize the impact to project scope.

TD 024 MESA Short Video – Jordan

Objectives

Further CBEP Cooperative Biological Research (CBR) objectives through a video documentation of the MESA Jordan conference (TD 004) increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 04/15/16 – 07/31/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $51,878.00
Estimated Expenditure: $35,580.00
Technical Direction Status: *Approved, Ongoing*

Key Points

- Submitted TD-24 modification response.
- Received approval of modification.
- Extended Gryphon Scientific and August II Production contracts to meet revised scope and extension.
- Confirmed Closed Captioning requirements.
- Began preparations for July 26 Premiere Event.
- Completed final version of the MESA film by end of June. Submitted on July 1 to CBEP for review and PAO approval.
- Submitted revised film version on July 5 following feedback received from CBEP.

Completed Activities

Program Manager:
The PM, (b)(6) facilitated project coordination to include revising and coordination modifications to service agreements for August II Productions and Gryphon Scientific, extending the scope and PoP in support of the revised technical direction. Included in the modification to August II Production's agreement was the inclusion of the Voice Over, completed by (b)(6) and the closed captioning requirements. The PM continued to work with the PC to hold weekly project meetings with CBEP, Gryphon, and August II Productions to facilitate completion of the film. The PM continues to oversee the project schedule, LOE, labor and materials budget, communication management, and overall progress of the film development. The PM, with the PC and SME III continued review and editing of the film stringers produced by August II productions, identifying clips, speakers and content to feature in the video. Following numerous edits, viewings, and feedback, a final version of the film was submitted on 1 July, and a revised version following CBEP feedback submitted on 5 July. In addition, the PM has worked with CBEP to facilitate the film premiere scheduled for 26 July, and ensure completion and PAO approval of the film for release on this date.

Subject Matter Expert 1:
The Project Coordinator (b)(6) supported the PM in project coordination, meeting scheduling, and communication management. The PC scheduled and participated in teleconference meetings with Gryphon, CBEP, and August II Productions, and she coordinated film content and submission of requirements between August II Productions and CBEP for execution of the film. The PC has maintained routine communication with August II Productions and Gryphon Scientific to communicate tasks, project schedule, updates, and complete edits required for film completion. The PC maintains clear visibility of project progress and communicates developments to PM, CBEP and A&AS. The PC completed review of additional conference transcripts to identify clips, speakers and identified content to feature in the video.

Subject Matter Expert 3:
(b)(6) articipated in weekly calls with the Metabiota project team, DTRA CBEP, and August II Productions to support the development and completion of the film. The SME completed review of conference transcripts to identify clips, speakers and content to feature in the video. In addition, she provided input in selection of the music for the film, identification and inclusion of speakers, presentation slides, and credits for the film. She supported development of the film premiere agenda and list of invitees.

Upcoming Activities

- Complete review of the film selection and send updates to CBEP for review, if necessary.
- Secure PAO approval of the film, and make any edits necessary following their guidance for final release on 26 July.
- Complete closed captioning requirements following PAO approval.
- Organize the film premier to include sending out invitations, and securing attendees.
- Continue routine communications with the project team and CBEP to facilitate completion of the project.

Challenges

The approved period of performance for this project is very narrow, forcing the project schedule to be aggressive. Metabiota received a modification to include funding for the voice over and closed captioning features, as well as an extension to the period of performance to provide sufficient time for comprehensive review and editing of the film and additional buffer time in the event that the PAO identifies changes to be incorporated into the film. Working with the project team, and CBEP Metabiota has met the revised project schedule and is on track for release on July 26. In addition, Metabiota noticed that August II Productions was missing transcripts and footage from presentations, as well as the networking day, which is why key speakers were not being included in the originally received film versions. Metabiota brought this to their attention and retransfer of material and completion of transcripts was achieved for film inclusion.

EUCOM

TD 016 Georgia Geographic Information Systems – Georgia

Objectives
Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15 – 11/15/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $271,707.23
Estimated Expenditure: $142,827.82
Technical Direction Status: *Approved, Ongoing*

Key Points

- Metabiota executed a contract modification for continuation of this effort with the performer at the University of Florida.

Completed Activities
Program Manager:
(b)(6) led project activities for this effort, including communications with DTRA/A&AS to communicate project status. He also led coordination with the UF SME team to discuss project needs and project aspects of the project extension. (b)(6) also participated in project calls for the CBR projects involved on this project.

Subject Matter Expert 1:
(b)(6) participated in project activities on this effort, including communications with DTRA/A&AS to communicate project status. She also coordinated with the UF project contracts office to resolve invoicing and reporting issues as well as issue a contract modification. (b)(6) also participated in project calls for the CBR projects on this project.

Subject Matter Expert 2:
(b)(6) served as the lead SME on the GIS team. He participated in all CBR project calls, and worked with the CBR project teams to identify continued GIS mentoring and research specific needs. He identified and on-boarded (b)(6) replacement, (b)(6) as well as

provided oversight to [redacted] in the conduction of project calls videoconferences with the GG-19, GG-20, GG-27/AJ TAP-11 teams.

Research and Data Analysts:
(b)(6) provided background information on AJ biosurveillance efforts to the team and worked with (b)(6) to move forward with the GG-19, GG-20, GG-27/AJ TAP-11 projects. (b)(6) was on-boarded and began worked with the GIS teams.

Upcoming Activities

- Continuation of GIS mentorship activities.

Challenges

Coordination of all project stakeholders is difficult due to the large number of participants, and is being compounded by the drawdown of the Azerbaijan BTRIC.

TD 017 Georgia Subject Matter Expert Grantsmanship – Georgia

Objectives

Provide mentorship in all aspects of Grantsmanship to stakeholders in Georgia. In particular, Metabiota will provide guidance on understanding direct/indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/2015 – 11/15/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $276,675.85
Estimated Expenditure: $126,031.05
Technical Direction Status: *Approved, Ongoing*

Key Points

- TD response extending project period of performance was approved.
- Subcontract extension with Avila Scientific was drafted and fully executed.
- Metabiota SMEs began re-engaging with mentees at LMA.

Completed Activities

Program Manager:
(b)(6) held regular communications with Avila Scientific including teleconferences, emails and other methods as required to discuss mentorship status and programmatic issues. (b)(6) also held a teleconference with the DTRA/A&AS Georgia team to discuss project status. Lastly, (b)(6) generated and reviewed materials related to invoicing and reporting. (b)(6) also reviewed materials related to the Avila Scientific subcontract extension.

Subject Matter Expert 1:
(b)(6) participated in regular communications with both (b)(6) and the DTRA/A&AS Georgia team. (b)(6) also drafted materials related to the Avila Scientific subcontract extension, and invoicing and reporting.

Subject Matter Expert 2:
Avila Scientific subject matter exper[redacted] reviewed, revised, and executed subcontract extension documents. [redacted] held Skype meetings with LMA mentees. Meetings were held to discuss the extension of work, and to continue discussions of what goes into a full proposal. A meeting was also held to discuss the transition in mentors [redacted] will be taking over for [redacted] in the near term).

Upcoming Activities
Metabiota will continue mentorship activities as expected. Metabiota expects to file travel documentation for a mentorship trip to occur in early September.

Challenges
No challenges or issues to report at this time.

TD 018 Georgia Visiting Scientist Genomics – Georgia

Objectives
Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/2015 08/15/16
Task Areas: Task 2 (Visiting Scientist)
Total Estimated Budget: $384,435.71
Estimated Expenditure: $313,325.20
Technical Direction Status: *Approved, Ongoing*

Key Points
- Facilitated project development discussions between LMA and NCDC virology staff.
- Continued ongoing mentorship activities in genomics and bioinformatics.

Completed Activities

Program Manager:
[redacted] held regular communications with [redacted] including weekly teleconferences and emails and other methods as required to discuss mentorship status and programmatic issues [redacted] also held a teleconference with the DTRA/A&AS Georgia team to discuss project status. Lastly [redacted] generated and reviewed materials related to invoicing and reporting.

Subject Matter Expert 1:
[redacted] participated in regular communications with both [redacted] and the DTRA/A&AS Georgia team. [redacted] also drafted materials related to invoicing and reporting.

Visiting Scientist:
[redacted] participated in regular communications with [redacted] to discussion mentorship status and programmatic issues. [redacted] provided mentorship and subject matter expertise in genomics and bioinformatics to the Georgian staff at NCDC and LMA on an ongoing

basis. He provided mentorship in fundamental concepts of the field including molecular evolution, genetic drift, natural selection, and phylogenetic analysis to multiple NCDC staff and interns.

[redacted] reviewed use of the MEGA software package with [redacted] and [redacted] Differences in distance-based and character-based methods were reviewed and analysis parameters were illustrated and discussed while using the software. [redacted] continued to provide guidance and mentoring to [redacted] and [redacted] on topics related to the *F. tularensis* strain sequencing project.

[redacted] also facilitated project development discussions between LMA and NCDC virology staff, and individually with members of each organization.

Upcoming Activities

[redacted] will continue genomics and bioinformatics mentoring.

Challenges

The Lugar Center MiSeq instrument has been experiencing reoccurring technical problems which appear to be related to a misalignment in the optics path or similar issue causing a degradation in image capture. The MiSeq has been serviced by the Turkish company Incekara but full QA/QC of the repair work has not yet completed. Additionally, [redacted] has encountered some minor language barriers with newer staff members at the Lugar Center.

TD 019 Georgia Visiting Scientist Microbiology – Georgia

Objectives

Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/2015 11/15/16
Task Areas: Task 2 (Visiting Scientist)
Total Estimated Budget: $706,027.02
Estimated Expenditure: $417,417.28
Technical Direction Status: *Approved, Ongoing*

Key Points

- [redacted] assisted the Georgian researchers on GG-19 with finalizing their poster for ASM.
- [redacted] continued work with the Georgians on TAP-11 data acquisition and analysis.
- [redacted] coordinated discussions between CDC and Georgian CBR managers regarding the possibility of using retrospective samples in a Zika study.

Completed Activities

Program Manager:

[redacted] held regular communications with [redacted] including weekly teleconferences and emails and other methods as required to discuss mentorship status and programmatic issues. [redacted] also held a teleconference with the DTRA/A&AS Georgia team to discuss project status. Lastly, [redacted] generated and reviewed materials related to invoicing and reporting.

Subject Matter Expert 1:
(b)(6) participated in regular communications with both (b)(6) and the DTRA/A&AS Georgia team. (b)(6) also drafted materials related to invoicing and reporting.

Visiting Scientist:
(b)(6) articipated in regular communications with (b)(6) to discussion mentorship status and programmatic issues. (b)(6) provided mentorship and subject matter expertise to the Georgian staff at NCDC and LMA on an as-needed basis. In particular, He worked with the PI and other project staff on TAP-11 to discuss project results and begin the drafting of the final report for this project. He also provided inputs to the Georgian team's poster on GG-19 for the ASM general conference. He fielded questions about ELISA setup and results for the Jordan collaborat and also reviewed a related abstract for submission to the One Health conference in Australia. (b)(6) also discussed the core concepts of scientific writing with an NCDC scientists studying *Brucella* in dogs.

(b)(6) also spent some time familiarizing himself with the mass spectrometer installed at NCDC in order to assist the Georgians with planning. He also provided inputs to NCDC engineers regarding water quality testing. (b)(6) coordinated discussions between CDC and Georgian CBR managers regarding the possibility of using retrospective samples in a Zika study. (b)(6) eld discussions with NCDC personnel about Grantsmanship and the level of detail that should be included in their proposals.

Upcoming Activities
(b)(6) will continue mentorship as expected.

Challenges
None at this time.

Closed Technical Directives

AFRICOM

TD 008 Clinician Training – Uganda

Objectives
Identify gaps in current country-specific training systems and develop clinical training materials to address those gaps and sustainably increase the capacity of medical practitioners at the sub-national level of healthcare systems to identify, diagnose & report disease outbreaks.

Period of Performance: 05/16/15 - 08/18/15
Task Areas: Task 2 (Scientific Mentor), Task 3 (Qualified Trainers)
Total Estimated Budget: $736,470.25
Total Expenditure: $736,470.25
Technical Direction Status: *Completed, Closed.*

TD 010 One Health Epi Training – South Africa

Objectives

Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/15 03/31/16
Task Areas: Task 3 (Qualified Trainer), Task 4 (Subject Matter Experts)
Total Estimated Budget: $134,551.13
Total Expenditure: S134,551.13
Technical Direction Status: *Completed, Closed.*

TD 014 Grant Writing Mentorship and Workshop Kenya

Objectives
The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 7/21/15 – 04/30/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $113,984.16
Total Expenditure: S101,408.40
Technical Direction Status: *Completed, Completed*

TD 020 Initial Engagement SME Support – Gabon – Cancelled

Objectives
To provide technical support to DTRA CBEP regarding initial engagement activities with Gabonese ministerial officials, historical context and technical advice on gap analyses, and recommend CBEP engagement approaches with the Government of Gabon

Period of Performance: 12/14/15 3/31/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $ 31,955.00
Total Expenditure: S2,014.63
Technical Direction Status: *Cancelled*

CENTCOM

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats Kazakhstan

Objectives
To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-CoV) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 05/16/15 01/31/16
Task Areas: Task 3 (Qualified Trainers)
Total Estimated Budget: $391,056.00
Total Expenditure: $376,933.87
Technical Direction Status: *Completed, Closed.*

TD 003 Bat Borne Virus from Annual Bat Cull – India – Cancelled

Objectives
Increase the biosafety/ bio-surveillance and early diagnostic capacity in Nagaland India through implementation of a study on the risks of bat-borne virus transmission during an annual bat cull and the presence of known select agents within the community of bats known to be naturally harbored in the species and that have caused mortality in humans.

Period of Performance: 06/01/15 – 09/30/16
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts), Task 6 (Research Activity Project)
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: *Cancelled*

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop – Jordan

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/15 – 05/15/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $488,040.04
Estimated Expenditure: $474,680.81
Technical Direction Status: *Approved, Closed*

TD 005 Long Distance Learning Iraq Cancelled

Objectives
Increase the operational capacity of disease surveillance, detection, reporting and response with specialized training of core veterinarians from public health and laboratory settings through in person training and weekly web based modules entailing interactive case based materials focusing on both endemic and high consequence pathogens.

Period of Performance: 06/01/15 09/30/16
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts)
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: *Cancelled*

EUCOM

TD 011 TADR Activity Project 4 (TAP-4) – Ukraine

Objectives
The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/15/15 – 01/31/16
Task Areas: Task 3 (Qualified Trainers), Task 6 (Research Activity Project)
Total Estimated Budget: $116,879.66
Total Expenditure: $77,464.81
Technical Direction Status: *Completed, Closed*

TD 012 Ukraine Project 2 – Ukraine

Objectives
The overarching objectives of this project are to develop both explanatory and predictive, spatially-explicit models to explore the geography and ecology of EDPs, specifically Francisella tularensis, the causative agent of tularemia, and Bacillus anthracis, the causative agent of anthrax, across Ukraine at multiple spatial scales.

Period of Performance: 05/16/15 – 09/30/2015
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts), Task 6 (Research Activity Project)
Total Estimated Budget: $264,788.37
Total Expenditure: $297,029.64
Technical Direction Status: *Completed, closed* (Transferred to BTRIC TO4)

PACOM

TD 006 Nipah Research Activity Project – Philippines – Cancelled

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through; identification of reservoir and host range for Nipah or related viruses; examination of the seroprevalance of Nipah in bats, peridomestic animals and humans, and understanding the risk factors for cross species transmission in the Philippines.

Period of Performance: 06/01/15 – 09/30/15
Task Areas: Task 4 (Subject Matter Experts), Task 6 (Research Activity Project)
Total Estimated Budget: $874,846.00
Total Expenditure: $11,985.82
Technical Direction Status: *Cancelled*

TD 007 Regional Baseline Assessment – Southeast Asia

Objectives

Characterize the region based on the disease landscape, organic regional capabilities, and external factors that impact CBEP objectives, identify needs and areas of overlap with other stakeholders, and provide overarching strategic guidance & goals to CBEP PACOM Country Managers in the development of country engagement strategies.

Period of Performance: 05/16/15 12/31/15
Task Areas: Task 4 (Subject Matter Expert)
Total Estimated Budget: $850,489.00
Total Expenditure: $850,317.11
Technical Direction Status: *Completed.*
TD 015 Health Informatics Support Vietnam

Objectives
Improve Vietnam Ministry of Health systems (processes and software) to support public health disease reporting and response capacity and improve compliance with National and International Health regulations (e.g., IHR 2005).

Period of Performance: 05/16/15 06/30/15
Task Areas: Task 4 (Subject Matter Expert)
Total Estimated Budget: $51,804.80
Total Expenditure: $51,804.80
Technical Direction Status: *Completed, Closed*

Metrics

Table 1 – Summary of Invoicing

CLIN	Total Awarded	Total Funded	Total Invoiced	Total Remaining

0001	$2,945,896.76	$2,945,896.76	$2,945,896.76	$0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	$1,283,857.97	$1,283,857.97	$0.00
0004	$1,194,823.51	$1,194,823.51	$1,194,823.51	$0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00
0008	$164,002.13	$164,002.13	$122,032.17	$41,969.96
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$2,608,058.22	$2,608,058.22	$1,994,063.91	$613,994.31
1002	$11,086,804.46	$7,930,178.26	$4,321,498.38	$3,608,679.88
1003	$1,159,354.51	$958,987.00	$357,265.55	$601,721.45
1004	$117,522.00	$117,522.00	$16,161.29	$101,360.71
1005	$3,348,952.50	$990,000.00	$242,773.38	$747,226.62
TOTAL	**$25,365,082.38**	**$19,649,136.17**	**$13,934,183.24**	**$5,714,952.93**

Table 2 – Summary of Implemented Training

Training Month	Region	Country	Type	Human, Veterinary, One Health	#Trained
Apr-14	AFRICOM	Sierra Leone	Clinical	Human	385
May-14	PACOM	Singapore	Bio-Surveillance	One Health	8
Feb-15	AFRICOM	Uganda	Bio-Surveillance	One Health	25
Apr-15	PACOM	Australia	Bio-Surveillance	One Health	9
Apr-15	AFRICOM	Uganda	Clinical	Human	33
May-15	AFRICOM	Uganda	Bio-Surveillance	One Health	38
May -15	AFRICOM	Uganda	Clinical	Human	34
June-15	AFRICOM	Uganda	Clinical	Human	33
June15	CENTCOM	Kazakhstan	Bio-Surveillance	Human	30
Jul-15	No trainings implemented in July.				
Aug-15	No trainings implemented in August				
Sept-15	No trainings implemented in September				
Oct-15	AFRICOM	Uganda	Bio-Surveillance	One Health	22
Nov-15	No trainings implemented in November				

Dec-15	AFRICOM	Uganda	Bio-Surveillance	One Health	22
Dec-15	AFRICOM	Uganda	Bio-Surveillance	One Health	25
Dec-15	CENTCOM	Kazakhstan	Bio-Surveillance	Human	34
Jan-16	AFRICOM	South Africa	Fit Testing	Human	9
Feb-16	AFRICOM	Kenya	Grantsmanship	Zoological	19
Feb-16	AFRICOM	Uganda	Bio-Surveillance	One Health	25
Mar-16	CENTCOM	Jordan	Bio-Surveillance	Human	93

Table 3 – Summary of Contract Modifications

Contract Modifications	Requirement / Description	Date Received	Letter Issued to DTRA
P00001	Respond to the Ebola outbreak in Africa	21-Mar-14	18-Apr-2014
P00002	Removed FTE and geographical restrictions from SOW	27-Mar-14	25-Apr-2014
P00003	Authorized use of existing LOE under CLIN 04 at the discretion of the COR	4-Apr-14	9-May-2014
P00004	Bat-borne pathogen surveillance	6-May-14	5-Jun-2014
P00004	Clinician Training in at least 3 African countries	6-May-14	5-Jun-2014
P00004	BS&S / NHLS Training in South Africa	6-May-14	5-Jun-2014
P00005	Added funding at the SLIN level to requirements listed in P00004	14-May-14	N/A
P00006	SURGE CLIN - Extended POP for EBOV response	12-Jun-14	N/A
P00007	REA Negotiation	25-Jun-14	27-Jun-2014
P00008	Surge POP extension	6-Aug-14	N/A
P00009	REA for Bat-Borne Training and revised Rate Cards	3-Sep-14	N/A
P00010	Ukraine Projects UP2 & TAP4	17-Sep-14	N/A
P00011	Incorporates FAR clause 52.225-99 initiating use of Synchronized Pre-deployment and Operational tracker for efforts in Africa.	4-Dec-14	N/A
P00012	Authorizes FFP funds for CLIN 0003 and CLIN 1006. Incorporates requirement for DBA insurance.	26-Jan-15	N/A
P00013	Issues change order from FFP LOE to FFP. Requests Proposal extension of base year through April.	2-Feb-15	N/A
P00014	Awards Base Year Extension	10-Apr-15	N/A
P00015	Realigns funding between ACRNS	16-Apr-15	N/A
P00016	Issues two week extension for base year	21-Apr-15	N/A

P00017	Awards T&M Option Year for $12,771,956.28.	15-May-15	N/A
P00018	Provides Incremental funding for Option Year I	15-May-15	N/A
P00019	Funds REA and changes contract clauses.	8-Sep-15	N/A
P00020	Adds funding to CLIN 1002 and 1005	28-Sep-15	N/A
P00021	Adds FLN rate card. Changes Key Personnel. Adds Subcontractor and FAR clause	11-Nov-15	N/A
P00022	Adds funding to CLIN 1002	3-Mar-16	N/A
P00023	Adds funding to CLIN 1003	30-Mar-16	N/A
P00024	Extends POP to 11.15.16 and adds value and funding	5.21.156	N/A

Table 4 – Summary Committed Funds

CLIN	Total Awarded	Total Funded	Total Committed	Total Remaining Funding
0001	$2,945,896.76	$2,945,896.76	$2,945,896.76	$0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	$1,283,857.97	$1,283,857.97	$0.00
0004	$1,194,823.51	$1,194,823.51	$1,194,823.51	$0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00
0008	$164,002.13	$164,002.13	$122,032.17	$41,969.96
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$2,608,058.22	$2,608,058.22	$2,608,058.22	$0.00
1002	$11,086,804.46	$7,930,178.26	$5,765,402.60	$2,164,775.66
1003	$1,159,354.51	$958,987.00	$550,893.33	$408,093.67
1004	$117,522.00	$117,522.00	$72,150.63	$45,371.37
1005	$3,348,952.50	$990,000.00	$375,200.37	$614,799.63
TOTAL	**$25,365,082.38**	**$19,649,136.17**	**$16,374,125.88**	**$3,275,010.29**

Table 5 – 75% Estimate

CLIN	Total Awarded	Total Funded	Total Expended	Estimate 75% Funding Completion Date
1001	$2,608,058.22	$2,608,058.22	$2,105,699.23	30-May-2016
1002	$11,086,804.46	$7,930,178.26	$4,573,349.05	15-Nov-2016

1003	$1,159,354.51	S958,987.00	$360,463.00	15-Nov-2016
1004	$117,522.00	S117,522.00	$17,844.00	15-Nov-2016
1005	$3,348,952.50	S990,000.00	$245,809.00	15-Nov-2016
TOTAL	**$18,320,691.69**	S12,604,745.48	S7,303,164.28	

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Monthly Progress and Financial Report
CDRL A001

Prepared for:

Prepared by:

METABIOTA

Monthly Progress and Financial Report CDRL A001 No. #29
July 01, 2016 –July 31, 2016

08/10/16

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This submission of the Monthly Report (Contract Data Requirements List; CDRL A001) encompasses implementation of Academic Engagement Partnership (AEP) program activities in accordance with Defense Threat Reduction Agency (DTRA) Cooperative Biological Engagement Program (CBEP) contract HDTRA1-14-C-0104 for 07/01/16 – 07/31/16.

Active Technical Directives

AFRICOM

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing – Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 – 11/15/16
Task Areas: Task 2 (Scientific Mentor), Task 3 (Qualified Trainers)
Total Estimated Budget: $125,975.00
Estimated Expenditure: $90,706.43
Technical Direction Status: *Approved, Ongoing*

Key Points

- The training event has been scheduled for 9-11 August. Metabiota team has executed all of the logistical arrangements within our control and assisted DTRA in coordinating remaining arrangements.

Completed Activities

Program Manager:
(b)(6) held calls and email communications with DTRA/A&AS to discuss ongoing logistical issues surrounding the execution of the training event scheduled for 9-11 August. (b)(6) also held calls and email communications with the Metabiota training team for this effort (home locations in DC, Yaoundé, and France). (b)(6) also participated in communications with CLS regarding both PPE delivery and event logistics.

Trainer 1:
(b)(6) participated in calls and email communications with DTRA/A&AS to discuss ongoing logistical issues surrounding the execution of the training event. (b)(6) also participated in communications with the Metabiota training team for this effort. (b)(6) worked with our travel coordinator to arrange for travel logistics for our training team.

(b)(6) and (b)(6) participated in calls and email communications with the (b)(6) to prepare for the PPE/VHF training.

Upcoming Activities
The PPE/VHF training event is scheduled to take place 9-11 August 2016.

Challenges
There are logistical issues beyond Metabiota's control which must be handled in order for this training to occur, including acquisition and delivery of PPE, participant logistics, and venue logistics. Metabiota team has itemized these concerns and communicated them to DTRA.

Participant lunches will not be paid for by DTRA. Cost estimate is approximately $2400.

TD 009 NHLS BS&S Training – South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/15 – 11/15/16
Task Areas: Task 3 (Qualified Trainers) Task 4 (Subject Matter Experts)
Total Estimated Budget: $335,607.11
Estimated Expenditure: $275,658.44
Technical Direction Status: *Approved, Ongoing*

Key Points
- NHLS has completed initial development of the OHASIS module.
- The BS&S videos have been edited into a new version and edits continue to move forward.

Completed Activities

Program Manager:
(b)(6) worked to fully educate (b)(6) and (b)(6) on FAR requirements for materials invoicing. (b)(6) worked with them to reconcile all issues and discrepancies so that NHLS could recover costs for the purchase of respirators and adapters. (b)(6) and (b)(6) held calls and email communications with DTRA/A&AS to discuss project status. (b)(6) and (b)(6) also held communications with NHLS staff to oversee progress. (b)(6) also investigated the costs of purchasing calipers for measuring facial dimensions at the request of NHLS and communicated with them regarding specifications.

Grants Manager:
(b)(6) worked with (b)(6) on resolving issues and discrepancies with material invoicing. He also participated in communications with (b)(6) to discuss project progress. He reviewed a new version of the BS&S videos. He has also worked with (b)(6) on the rollout of the OHASIS module.

Trainer 1:
(b)(6) participated in calls and email communications with DTRA/A&AS to discuss project status. (b)(6) also held communications with NHLS staff to oversee progress.

Subject Matter Expert 1:
(b)(6) completed initial development of the OHASIS module. He has begun testing and implementing some bug fixes for the OHASIS module.

Research and Data Analyst:
(b)(6) and (b)(6) worked on financial bookkeeping for this project.

Upcoming Activities
In the near future, Metabiota and NHLS expect to do final bug testing and rollout of OHASIS module. Metabiota also expects final delivery of the finished BS&S videos.

Challenges
No significant challenges at this time.

TD 013 One Health Epi Training – Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/15 – 11/15/16
Task Areas: Task 2 (Scientific Mentor), Task 3 (Qualified Trainers), Task 4 (Subject Matter Expert).
Total Estimated Budget: $350,241.87
Estimated Expenditure: $278,640.66
Technical Direction Status: *Approved, Ongoing*

Key Points
- The participant list for Cohort 11 was finalized upon agreement between CDC-Uganda and Ministry of Health Uganda.
- Invitation letters were sent out to participants for the Cohort 11 Module 1 training event in Fort Portal Uganda.
- CDC Uganda received responses from 25 of 25 participants stating that they would be attending the training.
- Travel arrangements for the Metabiota project team were finalized.
- The OCONUS Metabiota project team departed for Uganda on 29 July, 2016.

Completed Activities

Program Manager:
Metabiota Regional Africa Program Manager (b)(6) led regular communications with in country performer, CDC-Uganda and DTRA CBEP Uganda. He provided project and programmatic oversight to

the submission of all travel and training related CDRLs and contractual requirements. [redacted] provided oversight to the onboarding and engagement of independent contractors tasked with leading the implementation of the training in country. He also engaged in communications between CDC Uganda and the CLS contract team in an observational capacity to ensure that no action needed to be taken prior to training development.

Research and Data Analyst:
Metabiota Project Coordinator [redacted] reached out to two trainers who are eligible to be engaged as independent consultants within the constraints outlined by the U.S. ambassador to Uganda's memo, [redacted] and [redacted] also worked closely with Metabiota Travel Coordinator [redacted] to support the finalization of travel arrangements for the project team. [redacted] departed for Uganda in support of this project during this period, on July 29, 2016.

Upcoming Activities:

- Implementation of Cohort 11, module 1 training on 8/1 - 8/5.
- Submission of Training Trip Report for Cohort 11 module 1 training.
- Development and submission of project CDRLs and contractual requirements including TEP, CCR, CLS, and BOM forms.
- Development of after action wrap-up report to DTRA CBEP representation for Cohort 11 Module 1.

Challenges:
Less than 24 hours before the training event was set to begin, [redacted] one of the intended trainers slated to be supported by Metabiota as part of Cohort 11 Module 1 training, notified the program manager that he was unable to fulfill his contractual obligations. To mitigate the effects of this last minute departure, a meeting was held between the Metabiota project team and CDC Uganda to ensure that [redacted]ble and responsibilities would be covered. The other three trainers agreed on a new presentation schedule before the start of training. This new approach included training presentation is expected to include contribution from Metabiota Senior Scientist, [redacted]nd support from CDC Uganda representative, [redacted]

TD 022 Biosurveillance and Grantsmanship Training – Uganda

Objectives
Advance the biosafety and biosecurity capacity in Uganda through the development, coordination and execution of a pilot biosurveillance study focused in Rift Valley fever (RVF), avian influenza (AI), and peste des petits ruminants virus (PPRV). Provide subject matter expertise to assist participants in development and submission of grant proposals, and development of standard operating procedures to increase enhance local skills in early detection and prevalence determination of RVF AI and PPRV.

Period of Performance: 3/21/16 – 11/15/16
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts), Task 5 (Research Collaborators) Task 6 (Research Activity Projects)
Total Estimated Budget: $253,635.27
Estimated Expenditure: $104,495.75
Technical Direction Status: *Approved, Ongoing*

Key Points

- The field and laboratory materials lists were approved by DTRA CBEP.
- Purchase Orders for all materials were developed by the Metabiota project team and signed by AEP leadership.
- Purchase orders were sent to all relevant vendors.
- Shipping requests were developed and sent to the CLS contract team.
- Training materials were developed, underwent CTSC review, and were subsequently submitted for PAO approval post a response to comments by the Metabiota project team.
- Biosurveillance training dates in country were changed from 8/15/16 - 8/26/16 to 8/22/16 - 9/2/16 to assist in the management of various project timelines.
- All forms have been assembled for both UVRI and UNCST standard operating procedures (SOP) submission (including translated informed consent document).
- The Training Event Plan detailing the new training dates was resubmitted.
- CLS forms supporting pilot study implementation respective of a postponement by 1 week was resubmitted reflective of new dates.
- CLS forms that had received previous approval from DTRA CBEP were adjusted and updated to reflect both the new dates outlined by the TEP and recent communications received from stakeholders.

Completed Activities:

Program Manager:
Metabiota Regional Africa Program Manager (b)(6) led regular bi-weekly and as needed communications with in country stakeholders. He also led communications with DTRA CBEP representation on a bi-weekly and as needed basis. He provided project and programmatic oversight to the development and delivery of all travel and training related CDRL and other associated contractually requirement document resubmissions. (b)(6) additionally provided oversight to the development of training materials by subcontractor ABL, and the final submission process – including management of the response to comments generated during the CTSC review prior to PAO approval.

(b)(6) additionally took effort during this time to engage in communications with Ugandan stakeholders named within the original technical direction but not yet engaged – due to their stated unavailability.

Research and Data Analyst:
Metabiota Project Coordinator, (b)(6) lead the revisions to the laboratory and field materials list. (b)(6) assembled a full set of laboratory SOPs and aligned the materials requested to these SOPs. Upon approval of the list, (b)(6) identified and contacted appropriate vendors to obtain final quotes and place orders. (b)(6) provided the list of materials and shipment information to the CLS warehouse and lead communications with SAIC and vendors. In light of a potential shipment delay (see challenges) (b)(6) has identified and reached out to several in-country vendors who may be able to deliver materials more quickly.

(b)(6) worked with DTRA representation and performer Africa Biomedical Laboratories (ABL) to develop a detailed training agenda for the biosurveillance training. (b)(6) conducted the primary

review of all materials developed by ABL and identified additional PAO-approved materials appropriate for the training.

(b)(6) additionally worked in a general coordination capacity supporting (b)(6) as necessary and specifically during his absence due to involvement in other CBEP work. This support included leading project communications and responding to official DTRA requests in (b)(6) stead.

Subject Matter Expert 1:
(b)(6) erved in a technical leadership capacity during the development of materials for the biosurveillance training scheduled to take place between 8/22/16 and 9/2/16. His efforts during this period include the development materials for a study background/overview, introduction to the SOPs, study design and sample size calculations, data analysis, and BS&S in the laboratory. (b)(6) additionally participated in project coordination conference calls and maintained steady communications with Metabiota representation throughout this month.

Time spent during this period at SME 1 is also represented by the efforts of ABL representative (b)(6) (b)(6) contributed to the development of the above listed materials for the biosurveillance training at the direction of (b)(6) was also available for project coordination and communication efforts and provided responses to internal technical inquiries as requested.

Upcoming Activities

- Continue revision of CLS forms in response to DTRA CBEP feedback.
- Continue communications with SAIC to follow delivery of materials to our Ugandan stakeholders.
- Identification of field and laboratory materials available in-country for immediate purchase and delivery to stakeholder facilities as a contingency plan.
- Submission of SOPs to UNCST for country-level approval upon approval from UVRI.
- Implementation of biosurveillance training in Entebbe Uganda (week 1), and Kasese, Uganda (week 2).

Challenges

A significant proportion of the materials ordered were either on backorder or slow to arrive at the CLS warehouse. Additionally, errors on the part of the primary vendor involved in the overall procurement have resulted in the arrival of errant items to the CLS warehouse, causing a delay in the finalization of the transportation requests. The project team is currently exploring alternative avenues to procure the delayed and backordered items and ensure materials are available for workshop implementation by 8/22/16. These avenues for procurement include but are not limited to the engagement of local vendors and borrowing of supplies from our Ugandan partners. Currently there is a risk of cost overrun due to the procurement and shipment needs of this project.

Participants in the biosurveillance training and pilot studies reside in a variety of districts. This will result in different accommodation, travel reimbursement, and per diem payments among individuals who will be working closely together over a 10-week period. As none of the participants can be directly compensated per constraints outlined by the ambassador's memo, this may result in tensions between those receiving differential benefits and may reduce the motivation for those receiving no per diem. The Metabiota project team will remain diligent about communicating these issues clearly to the participants, and provide transparency to DTRA CBEP should any concerns arise.

Receiving concrete stakeholder input and feedback to all aspects of project planning continues to be challenging. For example, it took many iterations of communication to receive input on laboratory SOPs, UNSCT materials, additional study information requested by UVRI, and a list of training and pilot study participants and roles. Whenever possible, the project team leverages their expertise to fill in missing information, however some information is only known to project stakeholders. Delays in obtaining such information has resulted in overall project delays.

Finally, and although an agenda has been developed for the biosurveillance training covering all topics requested by DTRA CBEP, concern remains over the feasibility of adequately covering all topics during the training window. Many of the materials have never been presented, and detailed information about participant familiarity with each of the topics is not fully known. While the majority of participants are expected to be experienced in some of the areas, it is unlikely that all participants will be skilled in all areas. The amount of time available for each topic may not be sufficient to ensure full comprehension by those new to the subject. The project team will use best judgment during and prior to the training to ensure that no time or effort is wasted during training implementation. Metabiota will also ensure that participants are provided with training materials to use and reference whenever necessary including during subsequent phases of this effort.

TD 023 One Health Epidemiology Short Course Curriculum Update and Edits – South Africa

Objectives
Increase the operational biosafety and bio-surveillance capacity through the development of a One Health Epidemiology short course tailored to the needs of South Africa. Increase the sustainability of the course work through development of a train the trainer module to be delivered to select South African trainers of the short course.

Period of Performance: 3/21/16 – 11/15/16
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts)
Total Estimated Budget: $112,883.28
Estimated Expenditure: $59,378.45
Technical Direction Status: *Approved, Ongoing*

Key Points
- The 30% review meeting between Metabiota and DTRA CBEP representation was held to review active project status of all presentation.
- A materials list was submitted to DTRA CBEP subject matter experts for review and requests for modification.
- Metabiota continued development and adaptation of all course materials.
- Metabiota continued weekly technical and bi-weekly programmatic calls.
- Metabiota continued regular communications with DTRA CBEP.

Completed Activities

Program Manager:
Metabiota Africa Regional Program Manager, [redacted], provided programmatic oversight throughout this period and was responsible for leading all communications with DTRA CBEP as well as

programmatic communications for the internal project team. He led regular bi-weekly communication with DTRA CBEP and oversaw the review and submission of those slides presented to DTRA CBEP at the 30% review meeting. (b)(6) additionally worked with Metabiota PC (b)(6) to progressively elaborate the project schedule in an effort to reflect input from project SME's in real-time. (b)(6) led and oversaw the 30% meeting purposed to provide DTRA CBEP representation updates to the current status of the project. (b)(6) also worked with DTRA CBEP representation to identify the 60% review meeting dates as 09/15/2016.

Research and Data Analyst:
Metabiota Project Coordinato (b)(6) provided communication support during all engagements with DTRA CBEP and the Ugandan stakeholders by participating in all project calls and recording and distributing all meeting minutes. She also participated in all aspects of the 30% review meeting where relevant.

Research and data analyst (b)(6) provided technical support towards the development and adaptation of materials specifically for "Analysis of Surveillance Data, Measures of Spread, Outbreak Investigation, and Generating Hypotheses". She participated in technical and programmatic communication calls with project staff, and provided infectious disease expertise towards the overall project approach as well as the delineation between advanced and basic course work. She also reported regularly to the PM and provided an explanation of weekly production for submission to DTRA CBEP representation.

Subject Matter Expert 2:
Metabiota Staff Scientist (b)(6) provided technical leadership towards the development and adaptation of all materials. She participated in bi-weekly conference calls with DTRA CBEP representation and led weekly technical communications with project technical staff, and provided represented the technical team at the 30% review meeting held at CTSC. She additionally contributed directly to the development of presentations including, "Measures of Disease Spread and Public Health Statistics" (b)(6) worked to adapt and develop training materials, and to review the work of other project SMEs to ensure an overall consistency in approach. She reported regularly to the PM and provided an explanation of weekly production for submission to DTRA CBEP representation.

Trainer 2:
(b)(6) provided technical support towards the development and adaptation of materials specifically for "Questionnaire Design, Measures of Disease Spread, and finalization of the Avian Influenza presentation". He participated in technical and programmatic communication calls with project staff, and provided veterinary and training program development expertise towards the overall project approach as well as the delineation between.

Upcoming Activities

- Continued revision and updates of OHE presentations.
- Continued revisions to the overall course agenda and component list.
- Revision of presentations covered during 30% review in response to written comments received from DTRA CBEP.
- Revision to OHE exercises.
- Execution of the 60% review meeting.

Challenges
The currently suggested LOE to complete all project deliverables may be insufficient. Metabiota has suggested a realignment of SME hours and has taken steps to minimize operational costs on this project. The project team will report to DTRA CBEP with regularity regarding this issue.

TD 025 Technical Writing Workshop and Mentorship – Ethiopia

Objectives
Provide capacity building and sustainability in BS&S projects by conducting a Technical Writing workshop on developing a successful research proposal and white paper. Provide mentorship and support to workshop participants in finalizing and submitting for grant support to increase the research project completed in country.

Period of Performance: 4/15/16 – 11/15/16
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts)
Total Estimated Budget: $89,240.77
Estimated Expenditure: $34,291.00
Technical Direction Status: *Approved, Ongoing*

Key Points
- The participant list was finalized for training implementation.
- Invitation letters were delivered and 15 participants out of the expected 15 agreed to participate.
- The Technical Writing and Grantsmanship Workshop in Addis Ababa, Ethiopia was successfully implemented between the dates of 7/25 - 7/29.
- All materials received PAO approval prior to workshop implementation, and were sent in time to the CLS contract team to ensure their readiness for use by the training participants during the workshop.
- CLS updates including those related to a bill of materials were submitted, and received approval, prior to workshop implementation.
- As a value added component of the training, Metabiota subcontractors AAAS offered a one-year membership to their organization to support the provision of proposal writing reference materials to all 15 participants, plus one originally identified participant who became unavailable due to an unplanned obligation.

Completed Activities

Program Manager:
Metabiota Africa Regional Program Manager, (b)(6) provided programmatic oversight throughout this period and was responsible for leading all communications with DTRA CBEP as well as programmatic communications for the internal project team. (b)(6) worked with Metabiota PC (b)(6) (b)(6) to ensure resubmission of the CLS for respective of the bill of materials (BOM) needs. (b)(6) additionally oversaw the submission of all materials developed by AAAS in support of the technical writing and Grantsmanship workshop.

(b)(6) also travelled to Addis Ababa, Ethiopia on overhead support to provide leadership to the technical team and ensure the success of all aspects of this training including the management of logistical challenges that posed risk to training implementation. He also used this time to ensure the

development and delivery of daily reports to DTRA CBEP representation and to collect information needed to support the development of post workshop deliverables.

Research and Data Analyst:
Metabiota Project Coordinator (b)(6) participated in all project calls, both internal and with DTRA CBEP. (b)(6) took and distributed minutes following calls with DTRA CBEP. (b)(6) managed communications with performer AAAS regarding materials development and revisions in response to DTRA CBEP comments. (b)(6) developed additional material on BS&S requirements to address DTRA CBEP concerns. (b)(6) also provided coordination support to (b)(6) as necessary during training preparation and implementation.

Subject Matter Expert 1:
(b)(6) assembled materials for the technical writing and Grantsmanship workshop. Upon receipt of comments from DTRA CBEP (b)(6) revised the materials to include more information specific to DTRA BAA Thrust Area 6. (b)(6) travelled to Addis Ababa, Ethiopia to serve as the technical lead during the implementation of the Technical Writing Workshop. (b)(6) spent 5 full days leading training presentations between July 25-29th, 2016. (b)(6) also arrived to the training a day early to ensure that the workshop was set up properly and that materials were conducive the training needs.

(b)(6) during the month of July who is a representative of AAAS (b)(6) participated in regular project communication and provided support to (b)(6) during the development of all training materials. (b)(6) travelled to Addis Ababa, Ethiopia to serve as a presenter during the implementation of the Technical Writing Workshop. (b)(6) spent 5 full days providing training presentations between July 25-29th, 2016. (b)(6) also arrived to the training a day early to ensure that the workshop was set up properly and that materials were conducive the training needs.

Upcoming Activities

- Development of schedule for mentoring and proposal development activities.
- Submission of TTR.
- Submission of post workshop survey responses.
- Continued communications with stakeholders.

Challenges
The relatively short project timeline leading up to workshop implementation resulted in quick turnaround window for materials development and workshop planning, by engaging in an overlapping project plan, and with support from DTRA CBEP representation the workshop was implemented successfully and without incident.

CENTCOM

TD 021 Field Epidemiology and BS&S Training – Iraq

Objectives
Conduct remote trainings on epidemiology and BS&S/Biorisk management for one cohort of Iraqi scientists, and also engage them to familiarize them with the Iraq National Biological Emergency Response Plan and work on a gap analysis of said plan. Conduct remote trainings on epidemiology for a

second cohort.

Period of Performance: 02/19/16 11/15/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $747,163.00
Total Expenditure: $400,038.05
Technical Direction Status: *Approved, Ongoing*

Key Points

- Topic IV materials were submitted for review and revision.
- BS&S Module online training materials were submitted for review and revision.
- Metabiota finalized the Moodle LMS site for online training and execution of first epidemiology training course for Cohort 1 on August 08.
- Metabiota sent LOI's to participants in Cohort I and II and secured participation in both courses.
- Metabiota adjusted participants to evenly balance attendance in both courses, supported by (b)(6)
- Secured Zoom webinar seats for all trainers and held Zoom training in preparation for online course execution.
- Submitted revised Topic III materials to CBEP with response to comments tracker.
- Received approval of revised TD to change the scope for the gap analysis.
- Received PAO approval for Topic I materials.
- Submitted Topic II materials for PAO approval.
- Executed subcontract with URC for in-country FLN and procurement support.
- Executed a modification to RDA, Salma Afifi's ICA authorizing additional LOE supporting revisions and development of training materials.
- Received confirmation that all participants had been vetted for attendance and were approved to participate in the course.
- Initiated creation of private YouTube channel for hosting of all recorded trainings.

Completed Activities

Prog
PMs (b)(6) ave supported all project activities to date. PMs participated in routine meetings with DTRA CBEP and A&AS teams to facilitate updates to project schedule, discuss challenges, and support the project approval, as well as provide routine project updates. The PMs have maintained visibility with DTRA CBEP on project status and have offered solutions to address project obstacles.

(b)(6) ntinues to work closely with CBEP POCs as well as in-country and WMRI SMEs to facilitate communication, receive training materials, review BS&S needs, and participate in routine project meetings and calls to support this engagement (b)(6) has provided a general review of WRMI's submitted course materials for the Biosafety, Biosecurity and Biorisk Management Remote Course (b)(6) have reviewed epidemiology training materials, completed project schedule changes, and assisted in initiating the gap analysis. He participates in routine project calls with BS&S and Epidemiology Trainers and provides technical support and guidance as needed. He coordinates directly with CBEP PoCs and continues to provide guidance in response to comments trackers, and finalization of all

materials for PAO approval. [redacted] also participated in the TD response to revision received by CBEP for the g[redacted]sis, and provided alternate scheduling options to ensure a successful delivery of the analysis. [redacted] participated in trainings on Moodle and Zoom to facilitate on-line training.

[redacted] manages administrative components to include project schedule, LOE, budget, and delivery and submission of CDRLs. [redacted] worked with the project coordinator to approve purchases of selected course materials, contractual engagements on the project, and completion of the URC subcontractor for local procurement and FLN support. She participates in routine project calls with the epi and BS&S teams, and has taken part in the LMS and Zoom training. [redacted] assisted in the TD response provided to CBEP, and has assisted in securing additional resources to build out the LMS site with project materials and finalization of all needs prior to delivery of online training course.

Subject Matter Expert I:

SMEs [redacted] nd [redacted] upport project activities in direct coordination with PMs. They participate in routine project calls, meetings, and assist in the engagement of the project team.

[redacted] supports and works closely with Watermark Risk Management International (WRMI) in the development of BS&S training components. She has provided and continues to provide, in-depth review of WRMI's submitted course materials for the Biosafety, Biosecurity and Biorisk Management Remote Course, as well as the hands on course, and provided feedback to the team. [redacted] participated in routine communication with WRMI, PC and PMs.

The Project Coordinator, [redacted] supports the PMs through the maintenance of the project schedule, preparation of CDRL requirements, communication with and coordination of BS&S and Epidemiology technical teams, LOE review, material review and procurement, maintenance of project visibility to CBEP POCs and stakeholders, and coordination of routine project conference calls and meetings with technical teams and CBEP POC's. [redacted] continued to facilitate revisions of URC's contract for FLN support and has established and participated in the LMS training. [redacted] continues submission of training materials for technical review and public affairs approval and will continue to coordinate submission of CDRLs and routine calls with the project team and SMEs. [redacted] also assisted in the build out of the LMS site, and continued coordination of copyright approvals for training materials in conjunction with WMRI RDA and Metabiota epi trainer, [redacted] In addition [redacted] coordinated and submitted LOIs to all participants and secured course participation by the cohorts.

Epidemiology SME I's [redacted] participated in routine project calls and regular email communications with Metabiota PC and PMs. They worked with the epidemiology team to complete development and revision of epidemiology training materials and development of the course schedule, to include trainer delivery of each course and module. [redacted] completed responses and revisions to the epidemiology training materials following feedback from CBEP, and completed the comments trackers for submission. In addition, [redacted] continued to facilitate internal meetings with the epi team for coordination of material development, and continued to secure copyright approvals for training materials. Both SMEs participated in "dry runs" utilizing the LMS platform in preparation for delivery of the first course in August. They assisted in completion of the course syllabus, and finalized all materials and needs in preparation for next month's delivery.

Subject Matter Expert II:

WRMI SME II's, (b)(6) participated in routine project calls with Metabiota personnel and developed information requirements and recommendations for project execution via email and phone communications. SMEs completed revisions to BS&S/BRM course materials and resubmitted them to Metabiota for approval. They also participated in training on Zoom and Moodle, and began building out the BS&S training site on the LMS platform. They provided input to development and execution of the gap analysis and revised their project LOE and costs to reply to a change in scope and requirements, at the request of Metabiota.

Epidemiology Trainer, (b)(6) participated in routine project calls and regular email communications with Metabiota PC and PMs. She worked with the epidemiology team to complete development of epidemiology training materials and development of course schedule. (b)(6) completed responses and revisions to the epidemiology training materials following feedback from CBEP, and completed the comments trackers for submission. She participated in trainings on Zoom and Moodle in preparation for online course delivery.

Research and Data Analyst:
The WMRI RDA has provided administrative support to the WMRI project team, to include supporting copyright permission requests for all BS&S materials. She participated in Zoom and Moodle trainings, and supported the build out of the Moodle site for BS&S training components. She completed the monthly invoiced required on the project.

Epidemiology Trainer (b)(6) has continued to collect reference materials, and participated in the development of the project schedule for delivery of training modules. She continued development of topic 1,2, and 3 training materials completing revisions and addressing CBEP feedback. She also initiated development of topic 4 materials for submission to CBEP. (b)(6) participates in routine project calls and communicates regularly with PC, PMs, and Epidemiology Project Team.

Upcoming Activities

- Continue submission of Epidemiology and BS&S training materials for DTRA CBEP technical and PAO approval according to timeline and project requirements.
- Execute Zoom webinar training for FLNs supporting the online and hands-on course.
- Continue to procure materials for hands-on course.
- Continue to secure and finalize copyright requirements for all training materials.
- 8 August Initiate the first training course for Cohort 1.
- Continue coordination with Iraqi stakeholders to initiate gap analysis.

Challenges

Delayed approval for the in-country PoC, (b)(6) to support the development of this project, compounded with the absence of official approval from the Director General of Public Health to implement the project, has caused delays in project planning and preparation. However, formal approval has now been received and (b)(6) has been on-boarded as a project consultant and has been extremely helpful in project execution. Epidemiology Trainers continue to complete and revise course materials following feedback from CBEP. Continued revision requests to administrative and technical components of the materials has put an increased burden on trainers and the project team to complete all materials and deliver the course in an already compact timeline. In addition, the inclusion of the gap analysis and revisions to scope on the delivery and execution of the analysis is a very rapid turnaround, which will be difficult to implement and is dependent on strong participation by Iraqi stakeholders. Metabiota worked

with CBEP to determine multiple schedules to account for risks identified in completion of this requirement, and will continue to keep CBEP informed on execution of this task within the required timeframe.

TD 024 MESA Short Video – Jordan

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through a video documentation of the MESA Jordan conference (TD 004) increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 04/15/16 07/31/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $51,878.00
Estimated Expenditure: $51,878.00
Technical Direction Status: *Approved, Ongoing*

Key Points
- Submitted film to (b)(6) for technical review and PAO approval.
- Completed edits to film following feedback received from the US Embassy in Jordan and CBEP leadership.
- The film was submitted by (b)(6) for PAO approval and was approved shortly after.
- Organized film premiere with CBEP regional team and Gryphon scientific to include developing invitation, inviting attendees, securing venue in coordination with TTI, and finalizing logistical requirements.
- Held film premiere at the Crystal Gateway Marriott. Premiere was attended by members of CBEP leadership and regional project personnel, Metabiota, Gryphon Scientific, USG stakeholders, regional Embassy personnel, and conference attendees.
- Completed closed captioning on film.
- Submitted final deliverables, to include DVD with closed captioning to CBEP.

Completed Activities

Program Manager:
During the month of July, (b)(6) continued coordination and management of TD-24 to include participating in routine weekly calls with CBEP and Gryphon project teams and SMEs. She oversaw finalization and submission of the film for PAO approval and final release at the film premiere held on 26 July. She participated in film revisions and finalization of content and edits necessary following feedback from the US Embassy in Jordan, and CBEP leadership, and ensured all edits were made prior to PAO approval. (b)(6) coordinated the film premiere, to include development of the invitation, agenda, participant list, and sending of invitations to ensure attendance at the event. She oversaw the execution of the film premiere and coordinated final delivery of the film with closed captioning in hard format to CBEP, closing out project requirements.

Subject Matter Expert 1:
During the month of July, (b)(6) supported the PM in routine coordination of the project to include participation in routine calls and communications with CBEP and Gryphon project teams and

SMEs. She assisted in the finalization and submission of the film, as well as coordination and execution of the film premiere (b)(6) ensured final delivery of the product to CBEP.

Subject Matter Expert 3:
During the month of July, (b)(6) continued to provide editing and feedback on the film to finalize the product following feedback received from the US Embassy in Jordan, as well as CBEP technical review. She assisted in the revision of included sound bites, content changes, and updated titles, and final technical reviews prior to final submission for PAO approval. She participated in routine weekly calls with Metabiota and CBEP project teams, and assisted in the coordination and execution of the film premiere on 26 July. In addition, she provided the final deliverables required under the Gryphon subcontract with Metabiota, finalizing all project requirements within the period of performance.

*All activities supporting the film premiere were provided at no cost to the Government.

Upcoming Activities

- Following final approval of film with closed captioning, and posting on the DTRA CBEP YouTube channel, the film link will be posted on the MESA Conference website, and Metabiota website, as well as shared with colleagues.
- Complete project close-out, to include close out of Gryphon and August II Productions agreements.

Challenges
Receipt of PAO approval on 26 July resulted in a very short turnaround for completion of closed captioning within the assigned PoP. However, August II Productions was able to complete closed captioning on the film by 31 July, meeting the project timeline and Metabiota delivered the final product to CBEP on 5 August, following receipt and review of the material on 1 August.

EUCOM

TD 016 Georgia Geographic Information Systems – Georgia

Objectives
Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15 – 11/15/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $271,707.23
Estimated Expenditure: $154,910.46
Technical Direction Status: *Approved, Ongoing*

Key Points

- Initial analyses of the GG-19 data set suggested that there may not be enough data to support 1km^2 grid cells, and that they may need to broaden to 5km^2 cells. (b)(6) also set up GoToMeeting calls with the GG-19 team

Completed Activities

Program Manager:
(b)(6) (b)(6) held calls and email communications with DTRA/A&AS to discuss project status. (b)(6) held calls with University of Florida to discuss work on this project. (b)(6) also participated in CBR project calls. (b)(6)

Subject Matter Expert 1:
(b)(6) participated in calls and email communications with DTRA/A&AS to discuss project status. (b)(6) further held calls with University of Florida to discuss work on this project.

Subject Matter Expert 2:
(b)(6) participated in CBR project calls and identified and on boarded new staff to conduct GIS analyses on the three CBR projects GG-19, -20, and -27. (b)(6) also participated in calls and email communications with (b)(6) to discuss future work on this project.

Research and Data Analysts:
(b)(6) participated in CBR project calls for this effort. (b)(6) worked on analyzing the GG-19 data set and the transition from ArcGIS to QGIS. Initial analyses suggest that there may not be enough data to support 1km^2 grid cells, and that they may need to broaden to 5km^2 cells. (b)(6) also set up GoToMeeting calls with the GG-19 team. (b)(6) worked on implementing analytical routines in R which had initially been built in Excel.

Upcoming Activities
Metabiota and UF will continue working with CBR project teams to execute research goals for the three CBR projects.

Challenges
No challenges to report.

TD 017 Georgia Subject Matter Expert Grantsmanship – Georgia

Objectives
Provide mentorship in all aspects of Grantsmanship to stakeholders in Georgia. In particular, Metabiota will provide guidance on understanding direct/indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/2015 – 11/15/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $276,675.85
Estimated Expenditure: $127,177.92
Technical Direction Status: *Approved, Ongoing*

Key Points
- Mentorship with LMA scientists has resumed. In-country mentorship has been planned for 2-17 September 2016. Travel documents were submitted and approved.

Completed Activities

Program Manager:
[redacted] held calls and email communications with DTRA/A&AS to discuss project status. [redacted] further held calls with Avila Scientific to discuss work on this project. [redacted] reviewed and submitted travel documents (CCR and TAF) for Avila Scientific's planned travel to execute in-country mentorship from 2-17 September 2016.

Subject Matter Expert 1:
[redacted] participated in calls and email communications with DTRA/A&AS to discuss project status. [redacted] further participated in calls with Avila Scientific to discuss work on this project. [redacted] reviewed travel documents (CCR and TAF) for Avila Scientific's planned travel to execute in-country mentorship from 2-17 September 2016.

Subject Matter Expert 2:
[redacted] continued mentorship of LMA scientists in Grantsmanship. [redacted] also participated in communications with [redacted] to discuss plans for this effort.

Upcoming Activities
Mentorship is expected to continue ramping up in August. An abstract on anthrax is expected to be submitted to the DTRA BAA for possible funding.

Challenges
July saw a drawdown in LMA participant availability as most of LMA staff took vacation. Staff are expected to be available in August, though LMA will be participating in proficiency testing and other government mandated work which may continue to affect mentee availability.

TD 018 Georgia Visiting Scientist Genomics – Georgia

Objectives
Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/2015 – 08/15/16
Task Areas: Task 2 (Visiting Scientist)
Total Estimated Budget: $384,435.71
Estimated Expenditure: $346,685.25
Technical Direction Status: *Approved, Ongoing*

Key Points
- [redacted] facilitated a meeting between LMA Director Irakli Guledani and Deputy Director [redacted] and representatives from USAMRIID and WRAIR.
- [redacted] helped to organize and work on multiple efforts on the *F. tularensis* strain comparison work.

Completed Activities

Program Manager:

[redacted] held calls and email communications with DTRA/A&AS to discuss project statu[redacted] further held calls wit[redacted] at Farlow Scientific to discuss work on this project.[redacted] further provided a breakdown of financial status on this project to [redacted] and [redacted] at DTRA.

Subject Matter Expert 1:

[redacted] participated in calls and email communications with DTRA/A&AS to discuss project status.[redacted] further participated in calls wi[redacted] to discuss work on this project.

Visiting Scientist:

[redacted] participated in calls and email communications wit[redacted] to discuss work on this project.[redacted] also continued genomics and bioinformatics mentorship of Georgian scientists. Specifically, in July [redacted] held multiple bioinformatics mentoring sessions at the Lugar Center. Attendees included [redacted] and [redacted] July's sessions included additional methods on operating MEGA phylogenetic software package modules and additional theory on phylogenetic methods discussed in June, including 1) distance-based and character-based methods, neighbor-joining and UPGMA algorithms and both maximum parsimony and maximum likelihood analyses. Evolutionary model testing with MEGA was also reviewed.

[redacted] facilitated a meeting between LMA Director [redacted] and Deputy Director [redacted] and representatives from USAMRIID and WRAIR.[redacted] further worked with staff at LMA on preliminary work which may lead to a project proposal on comparative genomics of ASFV.

[redacted] also helped to organize and work on multiple efforts on the *F. tularensis* strain comparison work. Farlow and [redacted] ntinued work on genome-wide read-based variant comparisons of the 12 Georgian *tularensis* strains across major Biovar B Group representatives.

[redacted] worked with [redacted] to identify the source/lot information on strains we sequenced at the Lugar Center. Original vials and lot numbers were available only for the veterinary vaccine strain (strain 55) samples from Tbilisi (Immunogenic Ltd. and Baku) but not for the STI strain [redacted] nd [redacted] are finalizing draft genome data for two sources of the anthrax strain 55, one commercial sample from Baku and another distributed by Immunogen Ltd., in Tbilisi.

[redacted] also worked with the NCDC staff to perform quality assessments on data coming off of the Lugar Center MiSeq machine following the recent servicing. Preliminary analysis appears to suggest that the differences in data quality are not related to the reagent chemistry from alternating kits. The possibility remains that library preparation may be a source of variability.[redacted] has also arranged a monthly Lugar Center Scientific Journal Club for staff to present and critically review international research articles.

Upcoming Activities
At this time, Metabiota is beginning to prepare for TD termination and closeout unless an extension is received.

Challenges
No significant challenges at this time.

TD 019 Georgia Visiting Scientist Microbiology Georgia

Objectives
Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/2015 11/15/16
Task Areas: Task 2 (Visiting Scientist)
Total Estimated Budget: $706,027.02
Estimated Expenditure: S465,911.04
Technical Direction Status: *Approved, Ongoing*

Key Points
- (b)(6) prepared a draft of TAP-11 final report which was submitted to the CBR project managers.
- The GG-19 media comparison is completed with (b)(6) oversight, and all media appears to be equivalent.
- (b)(6) assisted NCDC epidemiologists and laboratorians with preparing their final proposal versions for the CDC GHSA Operational Research call.
- (b)(6) assisted an NCDC microbiologist with an application to GRDF for a fellowship to acquire skills in cryptosporidium diagnostics.

Completed Activities

Program Manager:
(b)(6) held calls and email communications with DTRA/A&AS to discuss project status. (b)(6) further held calls and email communications with (b)(6) to discuss work on this project.

Subject Matter Expert 1:
(b)(6) participated in calls and email communications with DTRA/A&AS to discuss project status. (b)(6) further participated in calls with (b)(6) to discuss work on this project.

Visiting Scientist:
(b)(6) participated in calls and email communications with (b)(6) to discuss work under this TD.

(b)(6) assisted in data analysis and drafted and submitted the draft final report for TAP-11. He addressed comments from the CBR project managers to the best of his ability and worked with the Georgian PI to address signature issues with the validation/qualification plan.

(b)(6) also worked with the GG-19 project team to plan and provide oversight for the media comparison study. He submitted his Q12 collaborator report and addressed comments from Avila Scientific. He has also held discussions with the NCDC repository scientists on techniques for working with *Yersinia pestis*.

(b)(6) also supported discussions at NCDC for the possibility of applying for a Fogarty Center grant for establishing a training program. He also supported their efforts in applying for a CDC GHSA Operational Research grant by reviewing materials, providing feedback to their application, and assisting with the technical submission of the proposal materials.

(b)(6) worked with LMA to procure and prepare for the use of the lepto kits for the Jordan collaboration. He communicated with vendors to work out invoicing issues and continues to search for an appropriate anthrax kit. He also worked to clarify protocols for titering ELISAs.

(b)(6) assisted LMA staff by answering questions about various diagnostics in order to address testing requirements from the Ministry level. He also discussed the issues with their new FPA (fluorescence polarization assay) instruments and communicated with the manufacturer regarding th issue. He further met with the LMA Director to discuss their needs for brucellosis diagnostic testing (b)(6) worked with Georgian scientists at LMA on planning a manuscript on their brucellosis research.

Upcoming Activities

(b)(6) will continue mentorship as expected.

Challenges

(b)(6) notes that it has become increasingly frequent that LC scientists and others are preparing and submitting abstracts or reports very near or at the deadlines. This practice makes it difficult to properly assist them or assess their work.

Closed Technical Directives

AFRICOM

TD 008 Clinician Training – Uganda

Objectives

Identify gaps in current country-specific training systems and develop clinical training materials to address those gaps and sustainably increase the capacity of medical practitioners at the sub-national level of healthcare systems to identify, diagnose & report disease outbreaks.

Period of Performance: 05/16/15 - 08/18/15
Task Areas: Task 2 (Scientific Mentor), Task 3 (Qualified Trainers)
Total Estimated Budget: $736,470.25
Total Expenditure: $736,470.25

Technical Direction Status: *Completed, Closed.*

TD 010 One Health Epi Training – South Africa

Objectives
Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/15 – 03/31/16
Task Areas: Task 3 (Qualified Trainer), Task 4 (Subject Matter Experts)
Total Estimated Budget: $134,551.13
Total Expenditure: $134,551.13
Technical Direction Status: *Completed, Closed.*

TD 014 Grant Writing Mentorship and Workshop – Kenya

Objectives
The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 7/21/15 – 04/30/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $113,984.16
Total Expenditure: $101,408.40
Technical Direction Status: *Completed, Completed*

TD 020 Initial Engagement SME Support – Gabon – Cancelled

Objectives
To provide technical support to DTRA CBEP regarding initial engagement activities with Gabonese ministerial officials, historical context and technical advice on gap analyses, and recommend CBEP engagement approaches with the Government of Gabon

Period of Performance: 12/14/15 – 3/31/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $ 31,955.00
Total Expenditure: $2,014.63
Technical Direction Status: *Cancelled*

CENTCOM

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan

Objectives
To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-CoV) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 05/16/15 01/31/16
Task Areas: Task 3 (Qualified Trainers)
Total Estimated Budget: $391,056.00
Total Expenditure: S376,933.87
Technical Direction Status: *Completed, Closed.*

TD 003 Bat Borne Virus from Annual Bat Cull – India – Cancelled

Objectives
Increase the biosafety/ bio-surveillance and early diagnostic capacity in Nagaland India through implementation of a study on the risks of bat-borne virus transmission during an annual bat cull and the presence of known select agents within the community of bats known to be naturally harbored in the species and that have caused mortality in humans.

Period of Performance: 06/01/15 – 09/30/16
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts), Task 6 (Research Activity Project)
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: *Cancelled*

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop – Jordan

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/15 – 05/15/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $488,040.04
Estimated Expenditure: S474,680.81
Technical Direction Status: *Approved, Closed*

TD 005 Long Distance Learning – Iraq – Cancelled

Objectives
Increase the operational capacity of disease surveillance, detection, reporting and response with specialized training of core veterinarians from public health and laboratory settings through in person training and weekly web based modules entailing interactive case based materials focusing on both

endemic and high consequence pathogens.

Period of Performance: 06/01/15 09/30/16
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts)
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: *Cancelled*

EUCOM

TD 011 TADR Activity Project 4 (TAP-4) Ukraine

Objectives
The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/15/15 – 01/31/16
Task Areas: Task 3 (Qualified Trainers), Task 6 (Research Activity Project)
Total Estimated Budget: $116,879.66
Total Expenditure: $77,464.81
Technical Direction Status: *Completed, Closed*

TD 012 Ukraine Project 2 – Ukraine

Objectives
The overarching objectives of this project are to develop both explanatory and predictive, spatially-explicit models to explore the geography and ecology of EDPs, specifically Francisella tularensis, the causative agent of tularemia, and Bacillus anthracis, the causative agent of anthrax, across Ukraine at multiple spatial scales.

Period of Performance: 05/16/15 – 09/30/2015
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts), Task 6 (Research Activity Project)
Total Estimated Budget: $264,788.37
Total Expenditure: $297,029.64
Technical Direction Status: *Completed, closed* (Transferred to BTRIC TO4)

PACOM

TD 006 Nipah Research Activity Project Philippines Cancelled

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through; identification of reservoir and host range for Nipah or related viruses; examination of the seroprevalance of Nipah in bats, peridomestic animals and humans, and understanding the risk factors for cross species transmission in the Philippines.

Period of Performance: 06/01/15 09/30/15

Task Areas: Task 4 (Subject Matter Experts), Task 6 (Research Activity Project)
Total Estimated Budget: $874,846.00
Total Expenditure: $11,985.82
Technical Direction Status: *Cancelled*

TD 007 Regional Baseline Assessment – Southeast Asia

Objectives
Characterize the region based on the disease landscape, organic regional capabilities, and external factors that impact CBEP objectives, identify needs and areas of overlap with other stakeholders, and provide overarching strategic guidance & goals to CBEP PACOM Country Managers in the development of country engagement strategies.

Period of Performance: 05/16/15 – 12/31/15
Task Areas: Task 4 (Subject Matter Expert)
Total Estimated Budget: $850,489.00
Total Expenditure: $850,317.11
Technical Direction Status: *Completed.*

TD 015 Health Informatics Support – Vietnam

Objectives
Improve Vietnam Ministry of Health systems (processes and software) to support public health disease reporting and response capacity and improve compliance with National and International Health regulations (e.g., IHR 2005).

Period of Performance: 05/16/15 – 06/30/15
Task Areas: Task 4 (Subject Matter Expert)
Total Estimated Budget: $51,804.80
Total Expenditure: $51,804.80
Technical Direction Status: *Completed, Closed*

Metrics

Table 1 – Summary of Invoicing

CLIN	Total Awarded	Total Funded	Total Invoiced	Total Remaining
0001	$2,945,896.76	$2,945,896.76	$2,945,896.76	$0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	$1,283,857.97	$1,283,857.97	$0.00
0004	$1,194,823.51	$1,194,823.51	$1,194,823.51	$0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00

0008	$164,002.13	$164,002.13	$122,032.17	$41,969.96
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$2,608,058.22	$2,608,058.22	$2,105,699.24	$502,358.98
1002	$11,086,804.46	$7,930,178.26	$4,574,503.62	$3,355,674.64
1003	$1,159,354.51	$958,987.00	$360,463.21	$598,523.79
1004	$117,522.00	$117,522.00	$17,844.46	$99,677.54
1005	$3,348,952.50	$990,000.00	$251,270.36	$738,729.64
TOTAL	**$25,365,082.38**	**$19,649,136.17**	**$14,312,201.62**	**$5,336,934.55**

Table 2 – Summary of Implemented Training

Training Month	Region	Country	Type	Human, Veterinary, One Health	#Trained
Apr-14	Africom	Sierra Leone	Clinical	Human	385
May-14	Pacom	Singapore	Bio-Surveillance	One Health	8
Feb-15	Africom	Uganda	Bio-Surveillance	One Health	25
Apr-15	Pacom	Australia	Bio-Surveillance	One Health	9
Apr-15	Africom	Uganda	Clinical	Human	33
May-15	Africom	Uganda	Bio-Surveillance	One Health	38
May -15	Africom	Uganda	Clinical	Human	34
June-15	Africom	Uganda	Clinical	Human	33
June15	Centcom	Kazakhstan	Bio-Surveillance	Human	30
Jul-15	No trainings implemented in July.				
Aug-15	No trainings implemented in August				
Sept-15	No trainings implemented in September				
Oct-15	Africom	Uganda	Bio-Surveillance	One Health	22
Nov-15	No trainings implemented in November				
Dec-15	Africom	Uganda	Bio-Surveillance	One Health	22
Dec-15	Africom	Uganda	Bio-Surveillance	One Health	25
Dec-15	Centcom	Kazakhstan	Bio-Surveillance	Human	34
Jan-16	Africom	South Africa	Fit Testing	Human	9
Feb-16	Africom	Kenya	Grantsmanship	Zoological	19
Feb-16	Africom	Uganda	Bio-Surveillance	One Health	25

Mar-16	Centcom	Jordan	Bio-Surveillance	Human	93
Apr-16	No trainings implemented in April.				
May-16	No trainings implemented in May.				
Jun-16	No trainings implemented in June.				
Jul-16	Africom	Ethiopia	Grantsmanship	Tech Writing	15

Table 3 – Summary of Contract Modifications

Contract Modifications	Requirement / Description	Date Received	Letter Issued to DTRA
P00001	Respond to the Ebola outbreak in Africa	21-Mar-14	18-Apr-2014
P00002	Removed FTE and geographical restrictions from SOW	27-Mar-14	25-Apr-2014
P00003	Authorized use of existing LOE under CLIN 04 at the discretion of the COR	4-Apr-14	9-May-2014
P00004	Bat-borne pathogen surveillance	6-May-14	5-Jun-2014
P00004	Clinician Training in at least 3 African countries	6-May-14	5-Jun-2014
P00004	BS&S / NHLS Training in South Africa	6-May-14	5-Jun-2014
P00005	Added funding at the SLIN level to requirements listed in P00004	14-May-14	N/A
P00006	SURGE CLIN - Extended POP for EBOV response	12-Jun-14	N/A
P00007	REA Negotiation	25-Jun-14	27-Jun-2014
P00008	Surge POP extension	6-Aug-14	N/A
P00009	REA for Bat-Borne Training and revised Rate Cards	3-Sep-14	N/A
P00010	Ukraine Projects – UP2 & TAP4	17-Sep-14	N/A
P00011	Incorporates FAR clause 52.225-99 initiating use of Synchronized Pre-deployment and Operational tracker for efforts in Africa.	4-Dec-14	N/A
P00012	Authorizes FFP funds for CLIN 0003 and CLIN 1006. Incorporates requirement for DBA insurance.	26-Jan-15	N/A
P00013	Issues change order from FFP LOE to FFP. Requests Proposal extension of base year through April.	2-Feb-15	N/A
P00014	Awards Base Year Extension	10-Apr-15	N/A
P00015	Realigns funding between ACRNS	16-Apr-15	N/A
P00016	Issues two week extension for base year	21-Apr-15	N/A
P00017	Awards T&M Option Year for $12,771,956.28.	15-May-15	N/A
P00018	Provides Incremental funding for Option Year 1	15-May-15	N/A
P00019	Funds REA and changes contract clauses.	8-Sep-15	N/A
P00020	Adds funding to CLIN 1002 and 1005	28-Sep-15	N/A

P00021	Adds FLN rate card. Changes Key Personnel. Adds Subcontractor and FAR clause	11-Nov-15	N/A
P00022	Adds funding to CLIN 1002	3-Mar-16	N/A
P00023	Adds funding to CLIN 1003	30-Mar-16	N/A
P00024	Extends POP to 11.15.16 and adds value and funding	5.21.156	N/A

Table 4 – Summary Committed Funds

CLIN	Total Awarded	Total Funded	Total Committed	Total Remaining Funding
0001	$2,945,896.76	S2,945,896.76	$2,945,896.76	S0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	S1,283,857.97	$1,283,857.97	S0.00
0004	$1,194,823.51	S1,194,823.51	$1,194,823.51	S0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00
0008	$164,002.13	$164,002.13	$122,032.17	$41,969.96
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$2,608,058.22	S2,608,058.22	$2,608,058.22	S0.00
1002	$11,086,804.46	S7,930,178.26	$5,767,389.98	$2,162,788.28
1003	$1,159,354.51	$958,987.00	$548,064.33	$410,922.67
1004	$117,522.00	$117,522.00	$74,092.63	$43,429.37
1005	$3,348,952.50	$990,000.00	$379,795.37	$610,204.63
TOTAL	$25,365,082.38	$19,649,136.17	$16,379,821.25	$3,269,314.92

Table 5 – 75% Estimate

CLIN	Total Awarded	Total Funded	Total Expended	Estimate 75% Funding Completion Date
1001	$2,608,058.22	$2,608,058.22	$2,217,334.56	23-Aug-2016
1002	$11,086,804.46	$7,930,178.26	$4,847,509.59	15-Nov-2016
1003	$1,159,354.51	$958,987.00	$401,533.11	15-Nov-2016
1004	$117,522.00	$117,522.00	$20,448.80	15-Nov-2016
1005	$3,348,952.50	$990,000.00	$255,958.55	15-Nov-2016
TOTAL	**$18,320,691.69**	**$12,604,745.48**	**$7,742,784.61**	

Academic Engagement Partnership (AEP)
HDTRA1-14-C-0104

Monthly Progress and Financial Report
CDRL A001

Prepared for:

Prepared by:

METABIOTA

Monthly Progress and Financial Report CDRL A001 No. #31
September 01, 2016 – September 30, 2016

10/11/16

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This submission of the Monthly Report (Contract Data Requirements List; CDRL A001) encompasses implementation of Academic Engagement Partnership (AEP) program activities in accordance with Defense Threat Reduction Agency (DTRA) Cooperative Biological Engagement Program (CBEP) contract HDTRA1-14-C-0104 for 09/01/16 – 09/30/16.

Active Technical Directives

AFRICOM

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing – Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 – 11/15/16
Task Areas: Task 2 (Scientific Mentor), Task 3 (Qualified Trainers)
Total Estimated Budget: $135,890.21
Estimated Expenditure: $154,243.54
Technical Direction Status: *Approved, Ongoing*

Key Points

Project closeout is ongoing and expected to complete in early October.

Completed Activities

(b)(6) on the drafting of the final report and lessons learned document for this project. (b)(6) also worked with (b)(6) on administrative activities including review and approval of subcontractor and independent consultant invoices, and communication with Metabiota Cameroon and DTRA on disposition of remaining training materials. (b)(6) also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports.

Trainer 1:
(b)(6) worked with (b)(6) on the drafting of the final report and lessons learned document for this project. (b)(6) also worked on administrative activities including review and approval of subcontractor and independent consultant invoices, and communication with Metabiota Cameroon and DTRA on disposition of remaining training materials. (b)(6) also drafted reporting instruments including quad charts, invoicing, and monthly reports.

Upcoming Activities

Submission of final report and lessons learned.

Challenges

No significant challenges at this time.

TD 009 NHLS BS&S Training – South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/15 – 11/15/16
Task Areas: Task 3 (Qualified Trainers) Task 4 (Subject Matter Experts)
Total Estimated Budget: $335,607.11
Estimated Expenditure: $313.223.06
Technical Direction Status: *Approved, Ongoing*

Key Points

Project activities are beginning to wind down, and Metabiota is preparing to close out this project.
OHASIS module is being deployed.
BS&S videos are near completion.

Completed Activities

Program Manager:
(b)(6) held email and phone communications with the NHLS team to discuss current project status and any issues. (b)(6) also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports. (b)(6) also held email and in-person communications with DTRA/A&AS to review the 4th edit of the BS&S videos and discuss current project status including the potential for procurement of calipers for facial measurements during respirator fit testing. (b)(6) also led communications with TSI, Inc. to resolve an issue regarding the model of one of the Porta Count units which was procured for use by NHLS.

Grants Manager:
(b)(6) participated in email and phone communications with (b)(6) He communicated with Grounded Media regarding the editing of the BS&S videos and their transfer to media for distribution. He also provided oversight over the deployment of the OHASIS module. (b)(6) and his team identified the potential issue with the Porta Count unit.

Trainer 1:
Ms. (b)(6) participated in email and phone communications with the NHLS team to discuss current project status and any issues. (b)(6) also participated in email and in-person communications with DTRA/A&AS to review the 4th edit of the BS&S videos and discuss current project status. (b)(6) also drafted reporting instruments including quad charts, invoicing, and

monthly reports.

Research and Da

(b)(6) and (b)(6) provided administrative support to the in-country team on financial and contractual matters such as invoicing and reporting.

Upcoming Activities

The final edit of the BS&S videos will be transferred to USB sticks and iPads for distribution at NHLS sites.
Metabiota and NHLS are planning one final procurement of calipers.

Challenges

No significant challenges at this time.

TD 013 One Health Epi Training – Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.
Period of Performance: 05/16/15 – 11/15/16
Task Areas: Task 2 (Scientific Mentor), Task 3 (Qualified Trainers), Task 4 (Subject Matter Expert).
Total Estimated Budget: $350,241.87
Estimated Expenditure: $336,799.42
Technical Direction Status: *Approved, Ongoing*

Key Points

Cohort 11 Module 2 One Health Epidemiology training was implemented successfully and without issue between the dates of September 19-23rd, 2016 in Fort Portal Uganda. The Training Trip Report for Cohort 11 Module 2 has been submitted in kind
Of the 23 participants stating that they would be attending the training, all 23 were available for all aspects of Module 2;
The participants gave presentations during the Cohort 11 Module 2 training event that included analysis and explanation of data gathered and studied during the 6 week break between modules; and
Continued bi-weekly follow up conversations with in-country stakeholders at the Centers for Disease Control – Uganda (CDC-Uganda).

Completed Activities

Program Manager:
Metabiota Regional Africa Program Manager (b)(6) led regular communications with in country performer, CDC-Uganda and DTRA CBEP Uganda. He provided project and programmatic oversight to

the submission of all travel and training related CDRLs and contractual requirements associated with training implementation.
Additionally, during this month (b)(6) managed the procurement of travel support for the Metabiota implementation team.

Research and Data Analyst:
Metabiota Project Coordinator (b)(6) continued to provide support to (b)(6) during all communications with CDC Uganda and DTRA CBEP Uganda representation. (b)(6) departed the organization this month and worked to ensure that all of her earlier responsibilities were handed over to (b)(6) in an effective manner.

Subject Matter Expert 3:
Metabiota Senior Advisor (b)(6) attended bi-weekly stakeholder calls and attended pre travel meetings while contributing expert advice to lessons learned and the general technical training approach.

(b)(6) traveled to Uganda from Washington, DC to support the implementation of Cohort 11 module 2 training in Fort Portal, Uganda. (b)(6) served as both a presenter and a training mentor during this training event and evaluated both the materials and the presentation of information in an effort to ensure both accuracy and consistency. (b)(6) provided expert insight to both Metabiota staff and CDC Uganda representation during all pre training meetings, and during exercise breakout sessions.

Trainer 1:
Metabiota Program Manager and epidemiology subject matter expert (b)(6) MSPH provided technical training support to OHE training implementation for Cohort 11 Module 2. He traveled from Washington, DC to Fort Portal Uganda for this effort. (b)(6) served as an epidemiologist trainer 1 during this time and took observational minutes of all training presentations. During this time, (b)(6) served as the field team leader throughout the training event. (b)(6) reported all project activates back to Metabiota AEP leadership and maintained consistent communication with DTRA CBEP representation as necessary.

AFRICOM FLN-1:
Metabiota Independent Contractor, Epidemiologist (b)(6) served as the lead trainer in support the implementation of Cohort 11 Module 2 training in Fort Portal, Uganda. He was tasked to provide both leadership and support to other One Health Epidemiology (OHE) trainers and to provide lectures to all OHE training participants during the exercises and presentations (b)(6) was tasked to travel from his home base in Kampala Uganda to Fort Portal in support of the training event.

Upcoming Activities:

Development and delivery of a final after action and lessons learned report; and
General project closeout

Challenges:

Cohort 11 Module 2 training ran smoothly and was brought to completion on time and without incident; however, some delays were seen and caused by trainees coming back late from getting their lunch. Venues for future training events should be identified with this logistical challenge in mind. Specifically, venues should be identified in populated areas with affordable lunch options or working lunches should be provided via the CLS mechanism.

Additionally, (b)(6) (the Metabiota independent consultant who failed to attend to his duties during the previous training) was not replaced due to unavailability of qualified trainers on short notice. The challenge of his absence was mitigated seamlessly and again involved contributions to presentations from Metabiota Senior Advisor (b)(6) as well as CDC Uganda Epidemiologist (b)(6)

TD 022 Biosurveillance and Grantsmanship Training – Uganda

Objectives

Advance the biosafety and biosecurity capacity in Uganda through the development, coordination and execution of a pilot biosurveillance study focused in Rift Valley fever (RVF), avian influenza (AI), and peste des petits ruminants virus (PPRV). Provide subject matter expertise to assist participants in development and submission of grant proposals, and development of standard operating procedures to increase enhance local skills in early detection and prevalence determination of RVF AI and PPRV.

Period of Performance: 3/21/16 – 11/15/16
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts), Task 5 (Research Collaborators) Task 6 (Research Activity Projects)
Total Estimated Budget: $253,635.27
Estimated Expenditure: $211,410.47
Technical Direction Status: *Approved, Ongoing*

Key Points

All remaining materials procured within the US for shipment to Uganda in support of this pilot study were placed on a final TR that has been submitted to DTRA CBEP;
The Biosurveillance training event was successfully brought to completion during the early days of the month of September;
The Training Trip Report built out in support of the Biosurveillance training event was submitted to DTRA CBEP post successful completion of the event;
CLS forms supporting pilot study implementation were resubmitted to DTRA CBEP to reflect necessary changes identified by the project team and study leads for all three pilot efforts including the Rift Valley fever (RVF) study, avian influenza (AI) study, and the peste des petites ruminants (PPR) study;
CLS bill of materials forms supporting the biosurveillance pilot study event were submitted to DTRA CBEP to support paper materials necessary for pilot study implementation including consent forms, data collection forms and standard operation procedure forms (SOPs);

Local Uganda scientific supply vendors that had been previously identified in country were engaged and placed on call to support the pilot studies as a stop gap solution to address those items missing due to delayed shipping from vendors in the US;
Weekly reporting forms were developed and distributed to the pilot study leaders by the Metabiota project team to ensure accurate and real time collection of study sample data and relevant implementation challenges;
A data management lead was identified in country and chosen from the training cohort by the study leads to serve as a focal point of contact and ensure a timely and accurate management of all study data; and
Metabiota trainer and SME (b)(6) was identified as the lead for the proposal development effort and engaged all study leads by developing a path forward for proposal build out.

Completed Activities:

Program Manager:
Metabiota Regional Africa Program Manager (b)(6) led regular bi-weekly and as needed communications with in country stakeholders. He also led communications with DTRA CBEP representation on a bi-weekly and as needed basis. He provided project and programmatic oversight to the update, re-development and delivery of pilot study related CDRLs and other associated contractually requirement document resubmissions. He also contributed to the finalization of procurement documents and provided technical oversight to the selection of items necessary for pilot study implementation. (b)(6) provided general management and direction to the project team during the finalization of the biosurveillance training event in the early days of September. He continued to lead presentations including the closing remarks and next steps conversations, and continued to provide technical guidance in the subject areas of epidemiology, data analysis, study design, and sample size calculation. (b)(6) also maintained communications with DTRA CBEP during this time and developed and implemented a reporting protocol for all study leads.

Research and Data Analyst:
(b)(6) provided general coordination and implementation support to the project team in the during the execution of the biosurveillance training event. She continued to provide technical leadership during several components of the training event including the set up and execution of post-collection sample management activities. (b)(6) also contributed to the post-training next steps discussion that provided guidance to the study leads during the subsequent 8 weeks' pilot study. Finally, (b)(6) at the direction of (b)(6) began building out relevant components of the final project report due at the time of project closeout (11/15/2016).

Subject Matter Expert 1:
(b)(6) remained on travel during the early days of this month in Kasese, Uganda and continued to serve as a technical leader during the closeout of the biosurveillance training event. His efforts during this period included the delivery of technical oversight on BS&S in the field laboratory, trapping sampling and handling of avian and ruminant species, field waste management, sample management in the field, and sample management in the field laboratory. (b)(6) additionally participated in all post training meetings and provided general support to the teams in preparation for the subsequent and forthcoming biosurveillance pilot studies. Finally (b)(6) began the proposal development process, by holding at length discussions with study leads and building out a general outline.

Time spent during this period at SME 1 is also represented by the efforts of ABL representative (b)(6) contributed to the proposal development process at the guidance of (b)(6) was engaged to support both proposal writing and study design portions of this effort.

Upcoming Activities

As necessary, continue revision of CLS forms in response to DTRA CBEP feedback and biosurveillance pilot study implementation needs;
Continue to identify as necessary, field and laboratory materials available in-country for immediate purchase and delivery to stakeholder facilities as a contingency plan;
Development of the final project report;
Continued minimum bi-weekly communications with DTRA CBEP representation;
Continued weekly communication with study leads working to implement the biosurveillance pilot studies; and
Continue to support the development of contingency plans as new challenges arise during the 8-week pilot study implementation phase.

Challenges

A significant proportion of the materials ordered were either on backorder or slow to arrive at the CLS warehouse. Additionally, errors on the part of the primary vendor involved in the overall procurement had resulted in the arrival of errant items to the CLS warehouse, causing a delay in the finalization of the transportation requests. The project team was forced to explore alternative avenues to procure the delayed and backordered items and ensure materials were available for pilot study implementation. These avenues for procurement included, but were not limited to, the engagement of local vendors and borrowing of supplies from our Ugandan partners. Currently there is some risk of cost overrun to the materials budget due to the procurement and shipment needs of this project.

Participants in the biosurveillance training and pilot studies reside in a variety of districts. This will result in different accommodation, travel reimbursement, and per diem payments among individuals who will be working closely together over a 10-week period. As none of the participants can receive a facilitation fee due to their being government employees per constraints outlined by the ambassador's memo, this may still result in tensions between those participants receiving differential benefits and may reduce the motivation for those receiving no per diem. The Metabiota project team will remain diligent about communicating these issues clearly to the participants, and provide transparency to DTRA CBEP should any concerns materialize.

Receiving concrete stakeholder input and feedback to all aspects of project planning continues to be challenging. Whenever possible, the project team has leveraged their expertise to fill in missing information, however some information is only known to project stakeholders. Delays in obtaining such information has resulted in project schedule compression.

TD 023 One Health Epidemiology Short Course Curriculum Update and Edits – South Africa

Objectives

Increase the operational biosafety and bio-surveillance capacity through the development of a One Health Epidemiology short course tailored to the needs of South Africa. Increase the sustainability of the course work through development of a train the trainer module to be delivered to select South African trainers of the short course.

Period of Performance: 3/21/16 – 11/15/16
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts)
Total Estimated Budget: $112,883.28
Estimated Expenditure: $79,764.43
Technical Direction Status: *Approved, Ongoing*

Key Points

The Metabiota project team with support for AEP leadership led a 60% review meeting during this period purposed to offer DTRA CBEP representation insight to the status of the project;
The post 60% review comments were received by Metabiota from DTRA CBEP and CTSC representation and the response to these comments will be offered at the time of the 100% review submission deadline;
Metabiota continued development and adaptation of all course materials;
Metabiota continued weekly technical and bi-weekly programmatic calls; and
Metabiota continued regular communications with DTRA CBEP.
The 100% review meeting is scheduled for 11/07/2016 at Metabiota.

Completed Activities

Program Manager:
Metabiota Africa Regional Program Manager (b)(6) provided programmatic oversight throughout this period and was responsible for leading all communications with DTRA CBEP as well as programmatic communications for the internal project team. He led regular bi-weekly communication with DTRA CBEP. (b)(6) additionally worked with Metabiota PC (b)(6) to progressively elaborate the project schedule in an effort to reflect input from project SME's in real-time. (b)(6) also led a 60% review of progress meeting during the day of 09/15/2016 and provided transparency on the status of the project. (b)(6) also worked with DTRA CBEP during this meeting to identify a final deliverables submission and review schedule.

Research and Data Analyst:
Metabiota Project Coordinator (b)(6) provided communication support during all engagements with DTRA CBEP and the Ugandan stakeholders by participating in project calls.
Metabiota Epidemiologist (b)(6) also represented by this labor category, provided technical support towards the development and adaptation of materials and contributed to the development of the 30% review response. She participated in technical and programmatic communication calls with project staff, and provided infectious disease expertise towards the overall project approach as well as the delineation between advanced and basic course work. She also reported

regularly to the PM and provided an explanation of weekly production for submission to DTRA CBEP representation.

Subject Matter Expert 2:
Metabiota Staff Scientist (b)(6) provided technical leadership and overall product development guidance towards the development and adaptation of all materials. She participated in bi-weekly conference calls with DTRA CBEP representation and led weekly technical communications with project technical staff, and represented the technical team at the 60% review meeting held at CTSC. She additionally contributed directly to the development of presentations and worked to adapt and develop training materials, and to review the work of other project SMEs to ensure an overall consistency in approach. She reported regularly to the PM and provided an explanation of weekly production for submission to DTRA CBEP representation. (b)(6) also contributed to the development of the 30% review response document.

Trainer 2:
(b)(6) provided technical support towards the development and adaptation of materials. He participated in technical and programmatic communication calls with project staff, and provided veterinary and training program development expertise towards the overall project approach as well as the delineation between. (b)(6) also contributed to the development of the 30% review response document.

Upcoming Activities

Continued revision and updates of OHE presentations;
Continued revisions to the overall course agenda and component list;
Development and submission of comments tracker for the 60% review response to written comments received from DTRA CBEP;
Revision to OHE exercises;
Submission of 100% completed product;
Response to 100% completion comments from DTRA CBEP and CTSC representation; and
Execution of the 100% review meeting.

Challenges

The currently suggested LOE to complete all project deliverables may be insufficient. Metabiota has suggested a realignment of SME hours and has taken steps to minimize operational costs on this project; however, there continues to be a residual risk. The project team will report to DTRA CBEP with regularity regarding this issue.

TD 025 Technical Writing Workshop and Mentorship – Ethiopia

Objectives
Provide capacity building and sustainability in BS&S projects by conducting a Technical Writing workshop on developing a successful research proposal and white paper. Provide mentorship and support to workshop participants in finalizing and submitting for grant support to increase the research project completed in country.

Period of Performance: 4/15/16 – 11/15/16
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts)
Total Estimated Budget: $89,240.77
Estimated Expenditure: $71,647.00
Technical Direction Status: *Approved, Ongoing*

Key Points

The team representing the Ethiopian Public Health Institute (EPHI), submitted an official abstract to the DTRA Thrust Area 6 mailbox;
Upon receipt of invitation, the team representing EPHI, submitted an official white paper to the DTRA Thrust Area 6 Broad Agency Announcement (BAA) through grants.gov;
The team representing the National Animal Health Diagnostics Investigation Center (NAHDIC) submitted an official abstract to the DTRA Thrust Area 6 mailbox;
The Metabiota project team worked with its respective team leads and team lead representation to maintain the mutually agreed upon proposal submission schedule;
Continued weekly communications with EPHI and NAHDIC leadership;
Continued bi-weekly project calls between Metabiota and project performer, AAAS, representation; and
Continued bi-weekly calls with DTRA CBEP representation.

Completed Activities

Program Manager:
Metabiota Africa Regional Program Manager, (b)(6) provided programmatic oversight throughout this period and was responsible for leading all communications with DTRA CBEP as well as programmatic communications for the internal project team. (b)(6) additionally managed daily communications will all members of the project team to ensure adherence to the proposal deliverables schedule.

Research and Data Analyst:
Metabiota Project Coordinator (b)(6) participated in project calls, both internal and with DTRA CBEP. (b)(6) took and distributed minutes following calls with DTRA CBEP. (b)(6) also provided coordination support to (b)(6) as necessary during post training reporting.

Subject Matter Expert 1:
(b)(6) post the closeout of the training workshop worked as the technical lead of this project to maintain communication with leadership from EPHI and NAHDIC. (b)(6) worked with (b)(6) and his technical team to develop the proposal deliverables schedule, and to relay the DTRA CBEP approved schedule and its implications to the team leads for both EPHI and NAHDIC. (b)(6) (b)(6) additionally provided oversight and direct contribution to his technical team towards the development of draft thrust area 6 abstracts and white papers by EPHI and NAHDIC led teams.

(b)(6) during the month of August, provided support to (b)(6) as the technical project lead. (b)(6) additionally worked with representation from EPHI and NAHDIC towards concept and abstract development, and reported timeline challenges to (b)(6) also worked to provide recommended edits to draft abstracts submitted by EPHI and NAHDIC.

Upcoming Activities

Continued adherence to the proposal development schedule;
Submission of informal abstracts to DTRA CBEP representation;
Submission of informal white papers to DTRA CBEP representation;
Submission of formal abstracts to DTRA CBEP representation;
Submission of formal white papers to DTRA CBEP representation;
Continued regular communications with stakeholders and DTRA CBEP representation; and
Oversight of the development of full proposals by EPHI and NAHDIC led teams.

Challenges

While the EPHI team was able to maintain adherence to project scheduling, and effectively submit their white paper in line with the proposed timelines, the NAHDIC team failed to submit their white paper in time despite best efforts on their part. Our technical team provided approval of quality and direction to submit a white paper on 9/29/16; however, NAHDIC representation was radio silent and unreachable for a period of more than 5 days. This period of non-response was likely due to a civil unrest in their region that led to a shut down of the communication systems in the area.

DTRA CBEP representation is aware of the technical difficulties surrounding this issue and, regardless of the fact that NAHDIC will miss the initial submission window, has suggested that our team proceed with the development of the NAHDIC full proposal as if the white paper had been submitted in time in the hopes that there will be an opportunity for them to gain technical assistance during the development of the proposal.

CENTCOM

TD 021 Field Epidemiology and BS&S Training – Iraq

Objectives
Conduct remote trainings on epidemiology and BS&S/Biorisk management for one cohort of Iraqi scientists, and also engage them to familiarize them with the Iraq National Biological Emergency Response Plan and work on a gap analysis of said plan. Conduct remote trainings on epidemiology for a second cohort.

Period of Performance: 02/19/16 – 11/15/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $747,163.00
Total Expenditure: $653,538.22
Technical Direction Status: *Approved, Ongoing*

Key Points

Sent Letters of Invitation (LOI) to selected Cohort II for attendance in the Advanced Epidemiology Training scheduled from 18 September to 27 October. Secured 24 trainees for the course.

Continued facilitation of US based procurement for Hands-On-Training (HOT) course. Secured Fisher Scientific as the vendor and initiated purchase order for materials to be shipped to SME Trainer (b)(6) for remote training implementation.

Developed HOT syllabus and schedule for course implementation and logistics coordination. Finalizing schedule with Iraqi partners for final submission to CBEP for review and use in CLS logistics execution.

Submitted CLS logistics request for HOT on 6 September. Revisions submitted on 7 September following CBEP guidance. Further revision and finalization of the form will be completed in October following guidance on logistics support for participants within a 50-mile radius of training venue and provision of meals during training event.

Finalized copyright permissions for all cited training materials and uploaded materials to LMS training site.

18 trainees successfully completed the Cohort I Advanced Epidemiology training course on 15 September. Overall, there was an 86% attendance rate and trainee's test scores improved by 9% following completion of the course.

Presented initial NBERP gap analysis findings at the NBMC held at Sandia National Laboratories on 7-8 September.

Continued refinement and finalization of NBERP gap analysis for submission to CBEP in November, to include cross-walking initial findings with updated NBERP received from Iraqi partners.

Secured the Central Public Health Laboratory (CPHL) as the venue for the HOT at no charge. Confirmed CPHL will also be the host country recipient for the materials transfer per the MOH.

Continued coordination of local procurement and Transfer of Materials (TOM) with URC, CPHL, and (b)(6) for purchase, storage, and execution of the HOT.

Submitted revised HOT materials and draft syllabus to CBEP on 27 September. Materials are pending PAO approval.

Received PAO approval of BS&S materials on 16 September.

Kicked off Cohort I BS&S training course and Cohort II Advanced Epidemiology training course on 18 September. Courses continued successfully throughout the month.

Received professional translation of updated NBERP from CBEP on 30 September. Continued gap analysis finalization utilizing translated document (previous work was being completed using a Google Translate version of the document.)

Completed Activities

Program Manager:

PMs (b)(6) have supported all project activities to date. PMs participated in routine meetings with DTRA CBEP and A&AS teams to facilitate updates and activities according to the project schedule, discuss challenges faced, and support routine implementation and tracking of project deliverables. The PMs have maintained visibility with DTRA CBEP on project status and have offered solutions to address project obstacles.

(b)(6) ontinued to work with all stakeholders to ensure successful execution of the remote training courses and completion of the NBERP gap analysis. (b)(6) continued to assist in the development, review, and revisions completed for BS&S, epidemiology, and HOT course materials submitted to CBEP for use in the training course. He worked with SME's (b)(6) to continue

review and finalization of the NBERP gap analysis, following presentation of initial findings at the NBMC. He participated in routine project calls and meetings with trainers, Iraqi partners, and CBEP stakeholders on a weekly basis to facilitate program implementation and provide expertise and input where needed. In addition, (b)(6) provided technical guidance and coordination of locally procured materials to ensure they met the standards required for the training and to adjust requirements when materials were not available to ensure successful execution of the HOT.

(b)(6) continued to manage administrative components of the project to include the schedule, LOE, budget, and delivery and submission of CDRLs. (b)(6) worked with the project coordinator and WRMI RDA to finalize copyright permissions for all materials. In addition, she supported both local and US procurement, coordinating with the team to ensure all materials were purchased and secured according to standard and market availability. She executed and completed contractual requirements, to include contract modifications to facilitate project efforts and realign costs accordingly to support implementation. She participated in routine project calls and meetings with trainers, Iraqi partners, and CBEP stakeholders on a weekly basis to facilitate program implementation and provide expertise and input where needed. In addition, she continued to work with the project team to coordinate the CLS logistics requirements (via CDRL submission), as well as the transfer, storage, and use of all materials being procured in country to support the HOT course, to include completion of the Transfer of Materials (TOM). (b)(6) participated in the epidemiology and BS&S trainings and provided administrative assistance, as needed to facilitate the training sessions, to include attendance tracking, uploading of resources, recorded videos, and troubleshooting.

Subject Matter Expert 1:

(b)(6) continued to provide assistance and expertise in completion of the gap analysis during this period. She traveled with the Metabiota and WRMI team of experts to New Mexico and took part in presenting high-level findings of the NBERP gap analysis at the NBMC. In addition, (b)(6) continued to finalize the gap analysis with (b)(6) for submission to CBEP in November. (b)(6) participated in routine communication with WRMI, PC and PMs.

The Project Coordinator, (b)(6) worked in coordination with the PMs to facilitate and implement the project. She continued to provide assistance in maintaining the project schedule, preparation of CDRL requirements, communication with training teams, LOE, material review and procurement, and coordination of routine project conference calls with all stakeholders. She continued submission of training materials for technical review and public affairs approval, to include ensuring PAO approval was secured prior to training course kick-off. She continued to coordinate submission of CDRLs and supported completion of the CLS logistics form. (b)(6) assisted trainers with build out and maintenance of the training scheduled and participated in remote training sessions to provide administrative assistance, including attendance tracking, uploading of resources, recorded videos, and troubleshooting. In addition, (b)(6) continued to coordinate with the trainees to ensure attendance and any challenges faced were addressed and routed to the appropriate individuals. She worked with URC and Metabiota procurement personnel to secure materials for the HOT course, and coordinated directly with Dr. Faris to secure CPHL as a venue and the recipient of materials. In addition, (b)(6) (b)(6) drafted communications and provided routine guidance to ensure project implementation.

Epidemiology SMEs (b)(6) continued to participate in routine project calls and regular email communications with Metabiota PC and PMs. They worked with the epidemiology team to complete development and revisions of epidemiology training materials for submission to CBEP and

use in the training course. They assisted in the development of the Cohort II and HOT schedule, to include trainer delivery of each course and module. In addition, [redacted] continued to facilitate internal meetings with the epi team for coordination of material development, as well as provide administrative support in maintaining the epidemiology content on the LMS site. Both SMEs delivered and supported lectures during the Cohort I and Cohort II epidemiology training courses. In addition, they continued to source and provide additional resource materials for the trainees.

URC SMEs [redacted] and [redacted] continued to provide operational project support. As the US based project coordinator, [redacted] communicates routinely with URC's Iraq based team to ensure FLNs are attending and providing routine technical/administrative support during the remote training sessions. In addition, she works directly with [redacted] and the procurement team to ensure all materials are being sourced in country and procured to facilitate the HOT. She provides routine updates to Metabiota project team members and coordinates with URC leadership to ensure completion and delivery of CDRLs.

[redacted] participated in routine project calls, meetings, and email communications with Metabiota, URC US-based team members, and in-country stakeholders to ensure operational project needs are being executed in-country. He worked with the procurement team to identify vendors and secure materials needed for the HOT course, finding alternatives when needed, and notifying Metabiota of availability and pricing changes due to the local market. He continued to coordinate with in-country stakeholders to assist in facilitating the transfer of materials and chain of custody for all locally procured items. He provided routine in-country updates and in-country information necessary to support completion of deliverables and project requirements.

WRMI SME [redacted] participated in routine project calls and communications with Metabiota and WRMI personnel to support execution of the BS&S and HOT portions of the course. He continued to refine course materials following CBEP guidance and delivered remote BS&S training courses according to schedule. In addition, he attended Zoom/LMS training sessions to ensure facilitation of the remote BS&S training course and to prepare for delivery of the HOT course at the end of the month. In addition, he provided administrative support to team members in completing deliverable requirements on the project.
[redacted] was mistakenly represented as a SME 2 under activities completed in August's report. He is, however, invoiced correctly at a SME I level.

Subject Matter Expert 2:
WRMI SMEs, [redacted] participated in routine project calls with Metabiota personnel and developed information requirements and recommendations for project execution via email and phone communications. They completed revisions to HOT course materials and resubmitted them for approval. They also participated in training on Zoom and Moodle, and completed the build out of the BS&S training site on the LMS platform with assistance from [redacted] They conducted BS&S remote trainings, and assisted in the development of the HOT syllabus and identified requirements necessary to successfully implement the HOT course. [redacted] provided technical support in procurement and began receiving locally procured materials for HOT delivery. In addition, they presented high-level findings of the gap analysis at the NBMC, and [redacted] continues to assist Metabiota SMEs in completion of the final draft.

Epidemiology Trainer, (b)(6) participated in routine project calls and regular email communications with Metabiota PC and PMs. She worked with the epidemiology team to complete development and revisions of the epidemiology training materials for course delivery. She conducted epidemiology training for Cohort I and II, and assisted in preparations for the HOT. She continued to source reference materials for the epidemiology course, uploading them to the LMS site. She continued to provide local guidance on training implementation and as a native Arabic speaker assisted in translations and structuring of materials and schedule to ensure cultural sensitivities are maintained and customs are accounted for in training delivery.

Research and Data Analyst:

WRMI RDA, (b)(6) provided administrative support to the WRMI project team, to include completion of copyright permission requests for all BS&S and HOT materials. (b)(6) completed administrative and formatting revisions for BS&S HOT materials. In addition, she completed the preparation and build out of the BS&S LMS site for training execution, and administers all remote training courses for the BS&S team, to include hosting sessions, taking attendance, material / video uploads, troubleshooting, and providing routine communications and updates to the Metabiota team on course progress.

WRMI RDA, (b)(6) completed the monthly invoice requirement on the project.

Epidemiology Trainer, (b)(6) continued to collect reference materials, develop and revise training materials for HOT submission and approval. She participated in routine project calls and communicated regularly with PC, PMs, and the epidemiology project team. (b)(6) delivered and supported lectures during the ongoing Cohort I and II epidemiology training courses. In addition, she assisted in planning and preparation of the HOT schedule.

Iraqi Advisor (b)(6) participated in routine project calls with the PC, PMs, and URC team to support project implementation. He attended epidemiology and BS&S training sessions to observe participation and execution of the course. In addition, he spoke with participants to gather feedback and provide updates to the Metabiota project team. He met with MoH officials and secured the CPHL as the training venue and receiver of all materials, and communicated with URC team members in country to ensure chain of custody for materials and coordination in storage and transfer of items once procured. In addition, he worked with the Director General (DG) of Public Health at the MoH to ensure he had all information required for the HOT and to begin conversations securing participant attendance and release from normal duties during this event.

FLN Trainer (b)(6) continued to attend and support Cohort I and II epidemiology remote training courses. In addition, he attended and supported the BS&S remote training course. He was actively engaged in facilitating the online training to include participating in discussion sessions, assisting trainees with troubleshooting, encouraging participation, and responding to questions.

Foreign Local National 3

(b)(6) continued to work with the URC team to complete in-country procurement activities, purchasing the necessary supplies for the HOT course. He worked with the operations manager to identify vendors, securing revised bids, and identifying alternate materials for procurement in the local market. He provided updates on materials available, not available, and pricing changes in

order to finalize needs and issue purchase orders for local supplies. In addition, he provided routine administrative support to the team.

FLN trainers (b)(6) and (b)(6) continued to attend and support Cohort I and II epidemiology remote training courses. In addition, they attended and supported the BS&S remote training course. They were actively engaged in facilitating the online training to include participating in discussion sessions, assisting trainees with troubleshooting, encouraging participation, and responding to questions.

Upcoming Activities

Submit Transfer of Materials draft agreement on 5 Oct for CBEP review, translation and execution following inventory of materials
Submit first draft of NBERP gap analysis to Iraqi Experts on 7 October and receive input by 20 October
Finalize logistic preparations with CLS for HOT (venue selection, travel bookings, lodging arrangements, per diem, printing of materials, audio/ visual support, transportation, etc.)
US procured materials for remote demonstrations to be received by US-based instructor
Iraq procured materials to be received by URC coordinator and inventory to be conducted prior to CPHL storage
Iraq Trainers and Remote Instructors to conduct dry-run preparations during weeks of 10, 17, and 24 October
Complete Cohort I BS&S training and Cohort II Advanced Epidemiology training on 27 October
Implement HOT for Cohort 1 from 30 October to 3 November
Submit final NBERP gap analysis to CBEP on 4 November

Challenges

Material procurement in the US and Iraq has been more challenging than expected with delayed lead times and the lack of availability of many supplies on the local market. US based trainers have shifted training plans to account for unavailable materials in Iraq and additional materials have been procured in the US to use for demonstration purposes only. This will accommodate the training syllabus and plan, however, it has delayed lead times and receipt of materials by trainers. All materials are anticipated to arrive prior to execution of the HOT and in-time to conduct dry-runs, however Metabiota personnel are routinely following up on the status and delivery of items should there be further delays, and to plan accordingly.

BS&S trainers have faced some difficulties with course participants not completing course assignments or participating in discussion sessions, which will affect their overall grade in the course. Trainers have communicated with participants to ensure they understand the requirements and aware that it will impact their final assessment, however, the Metabiota team will work with (b)(6) to ensure that participants also know that it may affect their CME credits awarded by the MoH at the end of the course in hopes to increase participation and make sure they are well aware of this prior to the end of the course.

In addition, completing the gap analysis has required additional LOE from SMEs due to delays in receiving a professionally translated version of the latest iteration of the NBERP. To date, SMEs have been using a Google Translated version in order to move the analysis forward and maintain delivery to

CBEP according to schedule, however, this has caused an increased amount of effort in cross-walking the document for accuracy prior to completion of the analysis. SMEs transitioned to the professionally translated version received on 30 September, which should assist in expediting remaining work. In addition, slow and limited responses from Iraqi stakeholders may impact the schedule and final delivery to CBEP.

Overall, LOE requirements have been higher than anticipated due to the challenges faced in procurement, the management of the trainings, inclusion of multiple cohorts, and overlapping schedules with the gap analysis and training implementation resulting in additional administrative assistance required to meet all deliverables. The project team has been able to meet all goals and deliver the training, however LOE costs are anticipated to exceed the budget in order to implement project requirements.

EUCOM

TD 016 Georgia Geographic Information Systems – Georgia

Objectives
Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15 11/15/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $271,707.23
Estimated Expenditure: $208,930.26
Technical Direction Status: *Approved, Ongoing*

Key Points

A package of GIS analysis algorithms in R is near completion for review by DTRA.
GIS mentorship of Georgian scientists is ongoing by GoToMeeting.

Completed Activities

Program Manager:
(b)(6) eld email and phone communications with the UF subject matter expertise team to discuss project status and any ongoing issues. (b)(6) also participated in CBR project calls. (b)(6) also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports.

Subject Matter Expert 1:
(b)(6) participated in email and phone communications with the UF subject matter expertise team to discuss project status and any ongoing issues. (b)(6) so drafted reporting instruments including quad charts, invoicing, and monthly reports.

Subject Matter Expert 2:
(b)(6) articipated in email and phone communications with (b)(6) o discuss project status and issues. (b)(6) also participated in email communications with the CBR

project teams [redacted] provided oversight and guidance to [redacted] in their work. He also worked with [redacted] framing a potential publication for the GG-27/AJ TAP-11 anthrax analysis project.

Research and Data Analysts:

[redacted] participated in email and phone communications to discuss project status and ongoing issues. [redacted] continued work on developing geospatial analysis algorithms in R, and began packaging them for potential distribution. [redacted] tested the algorithms using data from GG-19. He also scheduled and conducted GoToMeeting mentorship sessions for Georgian scientists working on the various CBR projects. [redacted] participated in CBR project calls. [redacted] framing a potential publication for the GG-27/AJ TAP-11 project.

Upcoming Activities

Continue GIS research and mentorship activities as planned.

Challenges

Scheduling remote GIS mentorship was hampered by Georgian scientist travel in September.

TD 017 Georgia Subject Matter Expert Grantsmanship – Georgia

Objectives

Provide mentorship in all aspects of Grantsmanship to stakeholders in Georgia. In particular, Metabiota will provide guidance on understanding direct/indirect costs to NCDC (National Center for Disease Control and Public Health), and work with LMA (Laboratory of Ministry of Agriculture) on all aspects of Grantsmanship.

Period of Performance: 09/21/2015 – 11/15/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $276,675.85
Estimated Expenditure: $193,916.30
Technical Direction Status: *Approved, Ongoing*

Key Points

Metabiota experts conducted a two-week in-country mentorship session for scientists at LMA.

Completed Activities

Program Manager:

[redacted] held email and phone communications with Avila Scientific to discuss project status and any ongoing issues. [redacted] along with [redacted] reviewed subcontractor invoices and reports. [redacted] also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports. [redacted] also reviewed, revised, and filed travel documentation with DTRA for mentor travel in late October and early November.

Subject Matter Expert 1:
(b)(6) participated in email and phone communications with Avila Scientific to discuss project status and any ongoing issues. (b)(6) eviewed subcontractor invoices and reports. (b)(6) (b)(6) also drafted reporting instruments including quad charts, invoicing, and monthly reports.

Subject Matter Expert 2:
(b)(6) articipated in email and phone communications with Avila Scientific to discuss project status and any ongoing issues (b)(6) onducted in-country and remote (via Skype) grantsmanship mentoring with LMA scientists. In particular, she worked with them on identifying collaborators, developing full proposals, budgeting, and responding to reviewer comments. She also assisted them with understanding some of the mechanical processes of applying to grant opportunities.

Trainer 2:
(b)(6) ssisted (b)(6) in conducting in-country and remote grantsmanship mentoring of LMA scientists. In particular, she worked with them on the coordination aspects of the grant application process, in identifying collaborators, and developing budgets.

Upcoming Activities

Final in-country mentorship trip to occur 22 October – 5 November.

Challenges

No significant challenges at this time.

TD 018 Georgia Visiting Scientist Genomics – Georgia

Objectives
Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/2015 – 11/15/16
Task Areas: Task 2 (Visiting Scientist)
Total Estimated Budget: $488,580.17
Estimated Expenditure: $414,882.14
Technical Direction Status: *Approved, Ongoing*

Key Points

Genomics and bioinformatics mentoring continues without significant issues.
Provided mentorship on genomic project proposal efforts.
Continued mentorship and other work on *F. tularensis* comparative genomics.
Draft genome assembly of anthrax vaccine strains is completed.

Completed Activities

Program Manager:
held email and phone communications with to discuss project status and any ongoing issues. D along with reviewed subcontractor invoices and reports. also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports. also communicated with A&AS to obtain clarifications on proposal submission process and status of pre-coordination for an effort on which mentoring the Georgian scientists.

Subject Matter Expert 1:
participated in email and phone communications with to discuss project status and any ongoing issues. reviewed subcontractor invoices and reports. also drafted reporting instruments including quad charts, invoicing, and monthly reports.

Visiting Scientist:
participated in email and phone communications to discuss project status and ongoing issues. continued genomics and bioinformatics mentorship activities. He worked with scientists at LMA and coordinated some discussions with NCDC on the development of an ASF research project. He also provided oversight and mentorship on the comparative whole genome analysis of *Francisella tularensis* strains. worked with li to complete draft genome assemblies and the majority of the genome annotations of the anthrax vaccine strains and performed preliminary variant comparisons. He is working with to draft a manuscript for publication. also continued working with NCDC staff to gather information to perform quality assessments of the Lugar Center MiSeq run data.

Upcoming Activities

Continue mentorship activities as planned.

Challenges

No significant challenges at this time.

TD 019 Georgia Visiting Scientist Microbiology – Georgia

Objectives
Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/2015 – 11/15/16
Task Areas: Task 2 (Visiting Scientist)
Total Estimated Budget: $706,027.02
Estimated Expenditure: $541,192.96
Technical Direction Status: *Approved, Ongoing*

Key Points

Microbiology mentoring continues without significant issues.

Completed Activities

Program Manager:
(b)(6) held email and phone communications with (b)(6) to discuss project status and any ongoing issues. (b)(6) also reviewed and finalized reporting instruments including quad charts, invoicing, and monthly reports.

Subject Matter Expert 1:
(b)(6) participated in email and phone communications with (b)(6) to discuss project status and any ongoing issues. (b)(6) also drafted reporting instruments including quad charts, invoicing, and monthly reports.

Visiting Scientist:
(b)(6) participated in email and phone communications to discuss project status and ongoing issues. (b)(6) continued mentorship activities. He assisted with the revision of the quarterly report for the Jordan collaboration and assisted in resolving procurement issues of the leptospirosis and anthrax kits. He also worked with scientists from LMA and the Azerbaijani anti-plague station to discuss and work on potential tularemia project design. (b)(6) also brokered and held discussions between Georgian and Azerbaijani scientists on the possibility of collaborating on a regional *Brucella* project. (b)(6) (b)(6) further worked with the GG-19 PI and the Lugar Center statistician on enhancing the analysis of the media comparison. He familiarized himself with the mass spec system and began preparing recommendations to the NCDC leadership on how best to utilize the system. (b)(6) also reviewed reports, SOPs, and other documents from NCDC scientists and assisted one Lugar Center scientist with an application for a training trip.

Upcoming Activities

Continue mentoring activities as planned.

Challenges

No significant challenges to report at this time.

Closed Technical Directives

AFRICOM

TD 008 Clinician Training – Uganda

Objectives
Identify gaps in current country-specific training systems and develop clinical training materials to address those gaps and sustainably increase the capacity of medical practitioners at the sub-national level of healthcare systems to identify, diagnose & report disease outbreaks.

Period of Performance: 05/16/15 - 08/18/15
Task Areas: Task 2 (Scientific Mentor), Task 3 (Qualified Trainers)
Total Estimated Budget: $736,470.25
Total Expenditure: $736,470.25
Technical Direction Status: *Completed, Closed.*

TD 010 One Health Epi Training – South Africa

Objectives
Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.
Period of Performance: 05/16/15 – 03/31/16
Task Areas: Task 3 (Qualified Trainer), Task 4 (Subject Matter Experts)
Total Estimated Budget: $134,551.14
Total Expenditure: $134,551.14
Technical Direction Status: *Completed, Closed.*

TD 014 Grant Writing Mentorship and Workshop – Kenya

Objectives
The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 7/21/15 – 04/30/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $101,408.39
Total Expenditure: $101,408.39
Technical Direction Status: *Completed, Completed*

TD 020 Initial Engagement SME Support – Gabon – Cancelled

Objectives
To provide technical support to DTRA CBEP regarding initial engagement activities with Gabonese ministerial officials, historical context and technical advice on gap analyses, and recommend CBEP engagement approaches with the Government of Gabon

Period of Performance: 12/14/15 – 3/31/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $ 31,955.00
Total Expenditure: $2,014.63
Technical Direction Status: *Cancelled*

CENTCOM

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan

Objectives
To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-CoV) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 05/16/15 – 01/31/16
Task Areas: Task 3 (Qualified Trainers)
Total Estimated Budget: $376,933.84
Total Expenditure: $376,933.84
Technical Direction Status: *Completed, Closed.*

TD 003 Bat Borne Virus from Annual Bat Cull – India – Cancelled

Objectives
Increase the biosafety/ bio-surveillance and early diagnostic capacity in Nagaland India through implementation of a study on the risks of bat-borne virus transmission during an annual bat cull and the presence of known select agents within the community of bats known to be naturally harbored in the species and that have caused mortality in humans.

Period of Performance: 06/01/15 – 09/30/16
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts), Task 6 (Research Activity Project)
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: *Cancelled*

TD 004 MESA Epigenetics and Genomics of Infectious Disease Workshop – Jordan

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/15 – 05/15/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $481,368.18
Estimated Expenditure: $481,368.18
Technical Direction Status: *Approved, Closed*

TD 005 Long Distance Learning – Iraq – Cancelled

Objectives
Increase the operational capacity of disease surveillance, detection, reporting and response with specialized training of core veterinarians from public health and laboratory settings through in person training and weekly web based modules entailing interactive case based materials focusing on both endemic and high consequence pathogens.

Period of Performance: 06/01/15 – 09/30/16
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts)
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: *Cancelled*

TD 024 MESA Short Video – Jordan

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through a video documentation of the MESA Jordan conference (TD 004) increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 04/15/16 07/31/16
Task Areas: Task 4 (Subject Matter Experts)
Total Estimated Budget: $51,876.70
Estimated Expenditure: $51,876.70
Technical Direction Status: *Approved, Closed*

EUCOM

TD 011 TADR Activity Project 4 (TAP-4) Ukraine

Objectives
The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/15/15 – 01/31/16
Task Areas: Task 3 (Qualified Trainers), Task 6 (Research Activity Project)
Total Estimated Budget: $77,644.81
Total Expenditure: $77,644.81
Technical Direction Status: *Completed, Closed*

TD 012 Ukraine Project 2 – Ukraine

Objectives
The overarching objectives of this project are to develop both explanatory and predictive, spatially-explicit models to explore the geography and ecology of EDPs, specifically Francisella tularensis, the causative agent of tularemia, and Bacillus anthracis, the causative agent of anthrax, across Ukraine at multiple spatial scales.

Period of Performance: 05/16/15 – 09/30/2015
Task Areas: Task 3 (Qualified Trainers), Task 4 (Subject Matter Experts), Task 6 (Research Activity Project)
Total Estimated Budget: $297,029.64
Total Expenditure: $297,029.64
Technical Direction Status: *Completed, closed* (Transferred to BTRIC TO4)

PACOM

TD 006 Nipah Research Activity Project – Philippines – Cancelled

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through; identification of reservoir and host range for Nipah or related viruses; examination of the seroprevalance of Nipah in bats, peridomestic animals and humans, and understanding the risk factors for cross species transmission in the Philippines.

Period of Performance: 06/01/15 – 09/30/15
Task Areas: Task 4 (Subject Matter Experts), Task 6 (Research Activity Project)
Total Estimated Budget: $874,846.00
Total Expenditure: $11,985.82
Technical Direction Status: *Cancelled*

TD 007 Regional Baseline Assessment – Southeast Asia

Objectives
Characterize the region based on the disease landscape, organic regional capabilities, and external factors that impact CBEP objectives, identify needs and areas of overlap with other stakeholders, and provide overarching strategic guidance & goals to CBEP PACOM Country Managers in the development of country engagement strategies.

Period of Performance: 05/16/15 – 12/31/15
Task Areas: Task 4 (Subject Matter Expert)
Total Estimated Budget: $850,477.71
Total Expenditure: $850,477.71
Technical Direction Status: *Completed.*

TD 015 Health Informatics Support – Vietnam

Objectives

Improve Vietnam Ministry of Health systems (processes and software) to support public health disease reporting and response capacity and improve compliance with National and International Health regulations (e.g., IHR 2005).

Period of Performance: 05/16/15 – 06/30/15
Task Areas: Task 4 (Subject Matter Expert)
Total Estimated Budget: $51,804.80
Total Expenditure: $51,804.80
Technical Direction Status: *Completed, Closed*

Metrics

Table 1 – Summary of Invoicing

CLIN	Total Awarded	Total Funded	Total Invoiced	Total Remaining
0001	$2,945,896.76	$2,945,896.76	$2,945,896.76	$0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	$1,283,857.97	$1,283,857.97	$0.00
0004	$1,194,823.51	$1,194,823.51	$1,194,823.51	$0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00
0008	$122,032.17	$122,032.17	$122,032.17	$0.00
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$2,608,058.22	$2,608,058.22	$2,328,969.90	$279,088.32
1002	$11,348,662.83	$8,192,036.63	$5,183,599.63	$3,008,437.00
1003	$939,466.10	$739,098.59	$436,544.30	$302,554.29
1004	$117,522.00	$117,522.00	$23,647.21	$93,874.79
1005	$3,348,952.50	$990,000.00	$285,965.44	$704,034.56
TOTAL	**$25,365,082.38**	**$19,649,136.17**	**$15,261,147.21**	**$4,387,988.96**

Table 2 – Summary of Implemented Training

Training Month	Region	Country	Type	Human, Veterinary, One Health	#Trained
Apr-14	AFRICOM	Sierra Leone	Clinical	Human	385
May-14	PACOM	Singapore	Bio-Surveillance	One Health	8
Feb-15	AFRICOM	Uganda	Bio-Surveillance	One Health	25
Apr-15	PACOM	Australia	Bio-Surveillance	One Health	9
Apr-15	AFRICOM	Uganda	Clinical	Human	33
May-15	AFRICOM	Uganda	Bio-Surveillance	One Health	38
May -15	AFRICOM	Uganda	Clinical	Human	34
June-15	AFRICOM	Uganda	Clinical	Human	33
June15	CENTOM	Kazakhstan	Bio-Surveillance	Human	30

Jul-15	No trainings implemented in July.				
Aug-15	No trainings implemented in August				
Sept-15	No trainings implemented in September				
Oct-15	AFRICOM	Uganda	Bio-Surveillance	One Health	22
Nov-15	No trainings implemented in November				
Dec-15	AFRICOM	Uganda	Bio-Surveillance	One Health	22
Dec-15	AFRICOM	Uganda	Bio-Surveillance	One Health	25
Dec-15	CENTOM	Kazakhstan	Bio-Surveillance	Human	34
Jan-16	AFRICOM	South Africa	Fit Testing	Human	9
Feb-16	AFRICOM	Kenya	Grantsmanship	Zoological	19
Feb-16	AFRICOM	Uganda	Bio-Surveillance	One Health	25
Mar-16	CENTOM	Jordan	Bio-Surveillance	Human	93
Apr-16	No trainings implemented in April.				
May-16	No trainings implemented in May.				
Jun-16	No trainings implemented in June.				
Jul-16	AFRICOM	Ethiopia	Grantsmanship	Tech Writing	15
Aug-16	AFRICOM	Uganda	Bio-Surveillance	One Health	21
Aug-16	AFRICOM	Cameroon	Bio-Surveillance	Human	26
Aug-16	AFRICOM	Uganda	Bio-Surveillance	Human/Zoological	16
Aug-16	CENTOM	Iraq	Bio-Surveillance	FETP	18
Sept-16	AFRICOM	Uganda	Bio-Surveillance	One Health	23

Table 3 – Summary of Contract Modifications

Contract Modifications	Requirement / Description	Date Received	Letter Issued to DTRA
P00001	Respond to the Ebola outbreak in Africa	21-Mar-14	18-Apr-2014
P00002	Removed FTE and geographical restrictions from SOW	27-Mar-14	25-Apr-2014
P00003	Authorized use of existing LOE under CLIN 04 at the discretion of the COR	4-Apr-14	9-May-2014
P00004	Bat-borne pathogen surveillance	6-May-14	5-Jun-2014
P00004	Clinician Training in at least 3 African countries	6-May-14	5-Jun-2014
P00004	BS&S / NHLS Training in South Africa	6-May-14	5-Jun-2014
P00005	Added funding at the SLIN level to requirements listed in P00004	14-May-14	N/A
P00006	SURGE CLIN - Extended POP for EBOV response	12-Jun-14	N/A
P00007	REA Negotiation	25-Jun-14	27-Jun-2014
P00008	Surge POP extension	6-Aug-14	N/A
P00009	REA for Bat-Borne Training and revised Rate Cards	3-Sep-14	N/A
P00010	Ukraine Projects UP2 & TAP4	17-Sep-14	N/A
P00011	Incorporates FAR clause 52.225-99 initiating use of Synchronized Pre-deployment and Operational tracker for efforts in Africa.	4-Dec-14	N/A
P00012	Authorizes FFP funds for CLIN 0003 and CLIN 1006. Incorporates requirement for DBA insurance.	26-Jan-15	N/A
P00013	Issues change order from FFP LOE to FFP. Requests Proposal extension of base year through April.	2-Feb-15	N/A
P00014	Awards Base Year Extension	10-Apr-15	N/A
P00015	Realigns funding between ACRNS	16-Apr-15	N/A
P00016	Issues two week extension for base year	21-Apr-15	N/A
P00017	Awards T&M Option Year for $12,771,956.28.	15-May-15	N/A
P00018	Provides Incremental funding for Option Year 1	15-May-15	N/A
P00019	Funds REA and changes contract clauses.	8-Sep-15	N/A
P00020	Adds funding to CLIN 1002 and 1005	28-Sep-15	N/A
P00021	Adds FLN rate card. Changes Key Personnel. Adds Subcontractor and FAR clause	11-Nov-15	N/A
P00022	Adds funding to CLIN 1002	3-Mar-16	N/A
P00023	Adds funding to CLIN 1003	30-Mar-16	N/A
P00024	Extends POP to 11.15.16 and adds value and funding	5.21.156	N/A
P00025	Re-aligns funding between CLINS	8.17.16	N/A

P00026	Re-aligns funding between CLINS	19-Sep-16	N/A
P00027	Adjusts Accounting Lines	22-Sep-16	N/A

Table 4 – Summary Committed Funds

CLIN	Total Awarded	Total Funded	Total Committed	Total Remaining Funding
0001	$2,945,896.76	$2,945,896.76	$2,945,896.76	$0.00
0002	$392,352.53	$392,352.53	$392,352.53	$0.00
0003	$1,283,857.97	$1,283,857.97	$1,283,857.97	$0.00
0004	$1,194,823.51	$1,194,823.51	$1,194,823.51	$0.00
0005	$371,713.24	$371,713.24	$371,713.24	$0.00
0006	$554,060.59	$554,060.59	$554,060.59	$0.00
0008	$122,032.17	$122,032.17	$122,032.17	$0.00
0009	$137,683.96	$137,683.96	$137,683.96	$0.00
1001	$2,608,058.22	$2,608,058.22	$2,608,058.22	$0.00
1002	$11,348,662.83	$8,192,036.63	$5,920,487.42	$2,271,549.21
1003	$939,466.10	$739,098.59	$526,755.60	$212,342.99
1004	$117,522.00	$117,522.00	$68,093.18	$49,428.82
1005	$3,348,952.50	$990,000.00	$349,766.14	$640,233.86
TOTAL	**$25,365,082.38**	**$19,649,136.17**	**$16,475,581.28**	**$3,173,554.89**

Table 5 – 75% Estimate

CLIN	Total Awarded	Total Funded	Total Expended	Estimate 75% Funding Completion Date
1001	$2,608,058.22	$2,608,058.22	$2,328,969.90	15-Aug-2016
1002	$11,348,662.83	$8,192,036.63	$5,174,003.76	15-Nov-2016
1003	$939,466.10	$739,098.59	$431,017.71	15-Nov-2016
1004	$117,522.00	$117,522.00	$23,335.25	15-Nov-2016
1005	$3,348,952.50	$990,000.00	$303,156.24	15-Nov-2016
TOTAL	**$18,362,661.65**	**$12,646,715.44**	**$8,260,482.85**	

This submission of the Monthly Report (Contract Data Requirements List; CDRL A001 encompasses implementation of Academic Engagement Partnership (AEP) program activities in accordance with Defense Threat Reduction Agency (DTRA) Cooperative Biological Engagement Program (CBEP) contract HDTRA1-14-C-0104 for 10/01/15-10/31/15.

Technical Directives

AFRICOM

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

Objectives
Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 11/06/15
Total Estimated Budget: $125,975.00
Estimated Expenditure: $74,591.00
Technical Direction Status: Approved

Completed Activities
- Metabiota revised training materials in response to DTRA/A&AS comments. The revised training materials were submitted and accepted. The training materials were then sent simultaneously for public affairs approval and translation into French.
- Metabiota filed a Country Clearance Request for the November PPE training event.
- Metabiota drafted and filed a travel authorization request, which was approved.
- Metabiota drafted a CLS form for logistics of the November PPE training event and handed it off to DTRA/A&AS.
- Metabiota DC engaged in regular communications with the overseas personnel to discuss and work through training event logistics.
- Metabiota drafted letters to the US Embassy and Cameroon Ministry of Defense for DTRA to assist with obtaining information for Leahy vetting.

Upcoming Activities
- PPE training event slated for November is likely to be postponed. Metabiota will work with DTRA to identify alternative dates once Leahy vetting is completed.
- Metabiota is reviewing CLS-translated training materials for accuracy.

Challenges
MinDef has said no additional information will be provided on participants. DTRA and A&AS are working with US Embassy on the path forward. This will likely result in postponement of training until late January at the earliest.

Detailed Invoice by Technical Directive

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

Objectives

Increase the capacity for Cameroonian responders to mitigate the hazards posed by emerging outbreak and other biosafety threats through biosafety training in the appropriate techniques for donning and doffing personal protective ensembles.

Period of Performance: 05/16/15 - 12/31/15

CLIN	Total PCO	Total Invoiced	Total Remaining
1002	$110,048.00	$56,439.04	$53,608.96
1003	$0.00	$0.00	$0.00
1004	$3,080.98	$0.00	$3,080.98
1005	$12,846.10	$0.00	$12,846.10
TOTAL	$125,975.08	$56,439.04	$69,536.04

CLIN 1002 – Labor

Costs for direct labor to support this activity during this period was required for the following personnel:

Program Manager: 50.50 hours

(b)(6) completed proposal development, including development of the overall project budget and the drafting of text for both the technical and management approaches. He oversaw development of project plan, led subcontract development, assisted subcontractor understanding of implications of T&M mechanism, and negotiated of labor rates. (b)(6) provided overall coordination of the training event, including communications with DTRA/A&AS and the subcontractor team in Cameroon.

Trainer 1: 28 hours

(b)(6) assisted with development subcontractor training deliverables. She developed the project schedule, and prepared Training Event Plans for implementation. She participated in calls with DTRA/A&AS to assist PM in ensuring all relevant information was delivered.

Trainer 2: 217 hours

(b)(6) prepared data for proposal development, to include assisting with the development of the overall training plan and drafting of text for the technical approach. He initiated development of SOWs for subcontractors and ICs. and assisted the PM in coordinating with the subcontractors during the process ensuring compliance with DoD and training requirements.

(b)(6) provided remote support and on-the-ground support, respectively, for the meeting with Ministry of Defense. He also worked with Program Staff on subcontract development, to include revision and negotiation of SOW and labor rates. providing on-the-ground support in Cameroon for

meeting with the Ministry of Defense and gathering information necessary for the tailoring of training materials.

Trainer 3: 12.5 hours

(b)(6) provided expertise and historical data for proposal development, to include assisting with the development of the overall training plan and drafting of text for the technical approach. She provided integration with other Metabiota training efforts to ensure uniformity across the program.

Scientific Mentor: 24 hours

(b)(6) began adaptation of the training materials provided by DTRA. In particular, (b)(6) began tailoring the VHF training materials to include diseases more likely to be relevant in Cameroon than Azerbaijan. PPE training materials are being similarly addressed, and updated with photographs of the specific PPE that will be used. A draft agenda was developed, and is currently being revised.

CLIN 1003 – Materials and Supplies

No material costs have been incurred.

CLIN 1004 – ODCs

DBA insurance is being acquired for all Metabiota personnel or subcontractors working outside of the United States but this cost has not been finalized or invoiced at this time.

CLIN 1005 – Travel

No travel costs have been incurred at this time.

Metabiota

Invoice:	INV-0000000239	**Invoice End Date**	7/31/15
Invoice Amount	56,439.04	**Invoice Due Date**	2015-10-08
Remit To:		**Bill To:**	
Metabiota,Inc.		Defense Threat Reduction Agency	
1 Sutter Street, Suite 600		8725 John J. Kingman Rd.	
San Francisco		Ft. Belvoir	
CA		VA	
94104		22060-6201	

TD 001 Viral Hemorrhagic Fever (VHF) & Personal Protective Equipment (PPE) Donning and Doffing- Cameroon

Transaction Project ID	PLC Cd	PLC Desc	Name	Bill Hours	Billing Rate	Amount To Bill	Cumulative Hours	Cumulative Amount
(b)(4); (b)(6)								

- Established bi-weekly calls with DTRA CBEP representation, [redacted] and the Metabiota Project Team.
- Development of Project Charter for TD-014.
- Development of profile for Subject Matter Experts slated to participate in the writing workshop.
- Identification of probable dates for the writing workshop set to take place in Nairobi, Kenya.
- Request submitted to [redacted] for the delivery of the manuscripts produced by 20 participants selected from the Regional Conference on Zoonotic Diseases in Eastern Africa.

Upcoming Activities

- Selection of subject matter experts to support the Writing Workshop.
- Finalization of dates for the workshop.
- Submission of TEP, CLS form, CCR form, and any other relevant CDRLs in support of in country efforts.
- Continuation of bi-weekly stakeholder calls.

Challenges

The Grant Writing Mentorship and Workshop purposed to foster the improvement of research manuscripts from selected participants is on time and currently on track to remain within the budget ceiling. However, the tasks involving the coordination, management, and actual technical review and improvement of manuscripts for this effort will likely require more time than proposed.

CENTCOM

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan

Objectives

To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-Cov) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 05/16/15- 01/31/16
Total Estimated Budget: $391,056.00
Estimated Expenditure: $273,285.00
Technical Direction Status: Approved

Completed Activities

- PIs from IVM completed second pre-training trip on October 6 and submitted Trip Report on October 15. An additional institution was identified during this trip to participate in the December training: The Aralomorsk AntiPlague Station.
- Submitted CLS travel and logistics support request for additional participant from the

Aralomorsk AntiPlague Station, which was identified during the second IVM pre-training trip. Resubmitted translation and interpretation request of training materials.

- Confirmed laboratory access for all participants, trainers and organizers.
- Secured DBA insurance for Metabiota and Duke personnel for travel to Almaty, and in response to the extended PoP.
- Finalized daily itinerary and reserved ground transportation for Metabiota, and Duke personnel to and from the December training venue.
- Executed the MOU between Metabiota and the IVM.
- Completed modification of the Duke-NUS subcontract with revised PoP and budget.
- Completed the Brokerage agreement signatures between SAIC, Global Link, and IVM.
- Received updated quote from local procurement support TMC Global Professional Services and modified PO to the extended period of performance and increased ceiling price.
- Continued coordination with IVM to arrange official approval from the Ministry of Agriculture to secure customs acceptance of training materials being shipped into the country continued communication with CLS to coordinate translation, printing, and shipment of training materials.
- Continued communication and collaboration with key CBEP, in-country partners, Duke-NUS Qualified Trainers (QT), and CLS to coordinate logistical requirements of the training event.

Upcoming Activities

- Completion and submission of CDRL 11 Transfer of Equipment and Materials to IVM.
- Completion of modified PO with TMC.
- Continue to work with key CBEP personnel, in-country partners, and CLS to monitor shipment through KZ customs clearance, finalize procurement of required materials for the event, and secure all pending logistical needs for the training event.
- Conduct shipment of materials for pick-up date in USA and Singapore during the week of November 16 and delivery date in Almaty, Kazakhstan during the week of November 23.
- Final bi-weekly project meetings with in-country partners and Duke-NUS Qualified Trainers (QT) before travel dates of December 1-2.

Challenges

Metabiota faced communication challenges and language barriers while finalizing the in-county material procurement quote with TMC. While language barriers will occasionally create obstacles, we will continue to utilize our on-site language assets to mitigate those effects. Additionally, IVM PI's have expressed desires to pursue extended engagements after the completion of the December training event. While Metabiota will not be the prime contractor for the continued CBEP work in Kazakhstan, we have explained the shift of contractors following the December training event to IVM and assuaged their concerns regarding any perceived impact the switch will have on the current and future activities.

TD003 Bat Borne Virus from Annual Bat Cull India- Cancelled

Period of Performance: 06/01/15 09/30/16
Total Estimated Budget: $874,846.00

TO 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan

Objectives

To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-CoV) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 06/01/2015 - 09/30/2015

CLIN 1002 – Labor

TO 002 MERS-COV Training Kazakhstan			
CLIN	Total ROM	Total Invoiced	Total Remaining
1002	$193,010.00	$128,607.70	$64,402.30
1003	$69,578.14	$13,524.01	$56,054.13
1004	$3,062.36	$3,062.10	$0.26
1005	$125,405.36	$41,764.57	$83,640.79
TOTAL	$391,055.86	$186,958.38	$204,097.48

Costs for direct labor to support this activity during this period was required for the following personnel:

Program Manager: 205

Metabiota SEA Program Manager, (b)(6) conducted activities during this time period that included preparation and coordination of the training events to include management of deliverables, logistics, procurement, tracking of project requirements, and implementation of the first training event from 29 July - 5 July 2015. In addition, activities included coordination with Qualified Trainers, in country collaborators, CBEP regional and country personnel, and project team members to ensure CDRL submissions and project requirements were met.

Trainer 1: 364 hours

(b)(6) conducted activities during this time period that included assisting in training coordination and submission of CDRL requirements to CBEP following review of training documents, participating in routine conference calls with Qualified Trainers, and in-country collaborators, procurement of materials and supplies, and logistical support to ensure the training was conducting according to the assigned schedule. Duke NUS Trainers, (b)(6) (b)(6) conducted activities during this time period that included, assisting senior trainers in facilitating the training event, to include adaptation of materials, syllabus input, procurement of materials and supplies, preparation of bat bags for sample collection and, execution of the training event from 29 June - 05 July 2015, during which they provided lecture and practicum training to participants.

Trainer 2: 120 hours

procurement of laboratory materials and supplies, optimization of assays for the laboratory training scheduled later in the year, coordination with in-country partners, and Metabiota personnel to facilitate the June training event. (b)(6) traveled to Kazakhstan to conduct the training course, which included, delivering classroom training and conducting and overseeing field sampling activities, to include facilitation of scientific engagement.

Trainer 3: 124 hours

Duke NUS Trainer 3, (b)(6) traveled to Kazakhstan to conduct the training course, which included, delivering classroom training and conducting and overseeing field sampling activities, to include facilitation of scientific engagement. Trainer (b)(6) provided expertise finalizing training materials.

Research and Data Analyst: 83 hours

Metabiota Research and Data Analyst, (b)(6) was brought into this project following recognition that the short time frame required for execution of the event, and that meeting all deliverables to successfully implement the training would require additional project coordination support. (b)(6) hours were reduced on the project to allow her more time to focus on the PACOM regional baseline analysis, and this provided a cost savings to the Government by utilizing an employee billable at a lower rate. (b)(6) has conducted activities during this time period that include overall project coordination supporting travel for project personnel, review and submission of deliverables, project scheduling, establishing routine communications with trainers and in-country partners as well as tracking deliverables, and routine administrative support.

CLIN 1003 – Materials and Supplies

Materials and supplies costs were incurred during this period to support the field surveillance training and BSL2 laboratory practices event held in Almaty, Kazakhstan from 29 June – 05 July 2015. Materials and supplies were procured locally by TMC and by Metabiota personnel. Materials and supplies purchased at this time included field supplies, such as GPS, lanterns, rechargeable batteries, flashlights, field chairs and tables, and headlamps. Other supplies included consumables such as pipettes, pipette tips, tubes and holders, sharp boxes, gloves, and tape. Additional supplies procured included materials for transport and storage of collected samples, PPE, and decon materials such as biohazard bags, sharps containers, etc. In accordance with contract compliance, costs incurred for unforeseen customs clearance fees were not billed to the Government. These costs were absorbed by Metabiota in order to successfully execute the training in the short suspense required. Once the team was on the ground and conducted the pre-site assessments, it was determined that additional materials and supplies were necessary to ensure safety was maintained during sampling activities. These materials included a ladder to access the site, safety harnesses, additional PPE, and decon supplies. Additional materials procured were necessary to maintain personal safety for all participants throughout the field sampling events.

In addition, costs were incurred for fit testing services and local procurement services. This was required to fit N95 masks on all trainees participating in the field sampling portion of the event. Fit testing services were provided by local contractor TMC, and supported the technical implementation provided by (b)(6) of Metabiota.

CLIN 1004 – ODCs

Per contract guidelines DBA insurance is required for all personnel engaged on the AEP project. DBA insurance was purchased for Duke NUS trainers supporting this activity for the entire period of

performance. as they are based in Singapore. This insurance also covered their travel to Almaty, Kazakhstan in support of the June-July training event.

CLIN 1005 – Travel

Travel expenses incurred during this period are for costs to support execution of the field surveillance training conducted in Almaty, Kazakhstan from 29 June to 5 July. Costs include airfare, per diem, hotel, and transportation costs for (b)(6) Deputy Director of the AEP program and (b)(6) Southeast Asia Program Manager to oversee and execute implementation of the training.

Additional costs incurred were for the airfare, per diem, hotel, and transportation to support the six Qualified Trainers traveling from Duke NUS to conduct training activities for this effort.

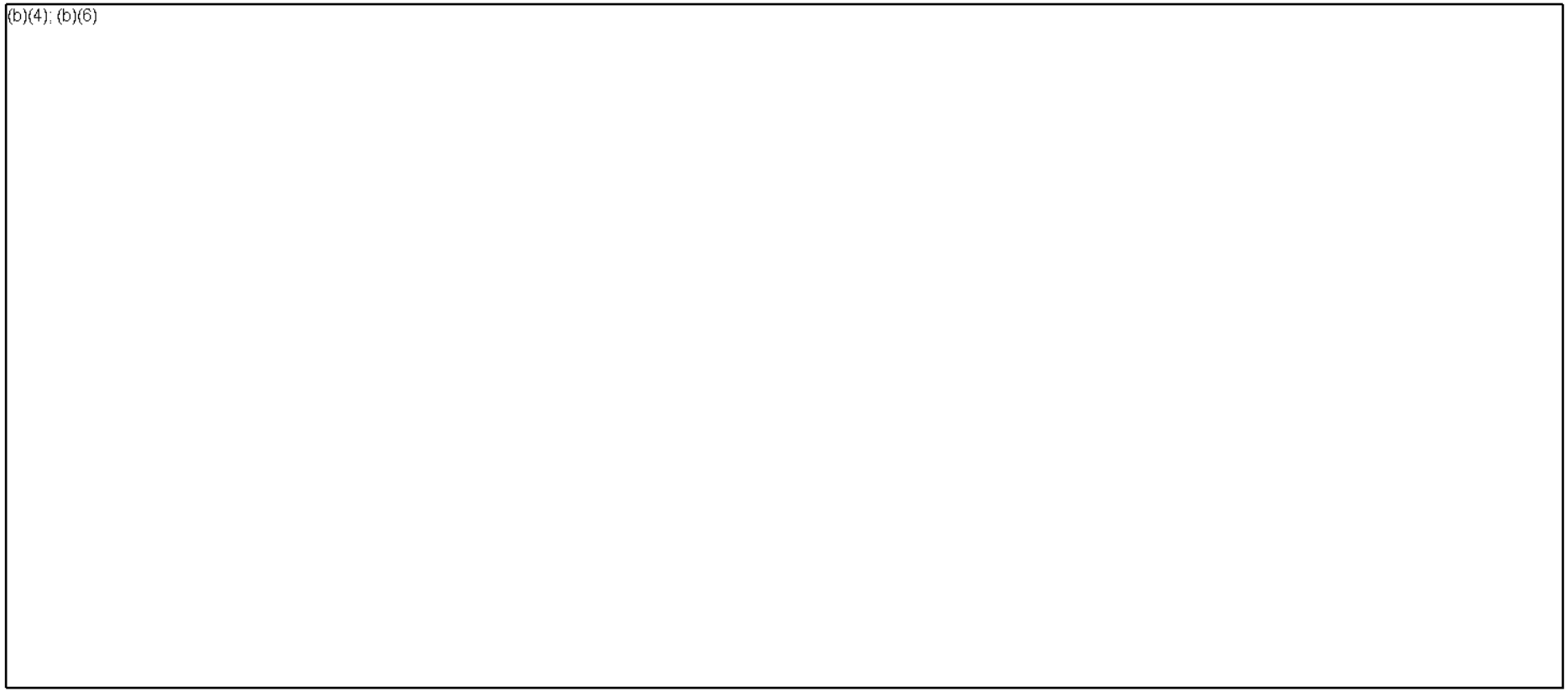
Metabiota

Invoice:	INV-0000000239	**Invoice End Date**	7/31/15
Invoice Amount	186,958.37	**Invoice Due Date**	2015-10-08
Remit To:		**Bill To:**	
Metabiota,Inc.		Defense Threat Reduction Agency	
1 Sutter Street, Suite 600		8725 John J. Kingman Rd.	
San Francisco		Ft. Belvoir	
CA		VA	
94104		22060-6201	

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats - Kazakhstan

Transaction Project ID	PLC Cd	PLC Desc	Name	Bill Hours	Billing Rate	Amount To Bill	Cumulative Hours	Cumulative Amount

(b)(4); (b)(6)


(b)(4); (b)(6)

Print this page for your records

Order Placed: June 10, 2015
Amazon.com order number: 115-2661820-9982660
Order Total: $473.85

Shipped on June 12, 2015

Items Ordered — **Price**

15 of: *Black Diamond Spot Headlamp (Mars Red)* — $31.59
Sold by: Great Outdoors Depot (seller profile)

Condition: New

Shipping Address:

(b)(6)

Shipping Speed:
Standard

Item(s) Subtotal:	$473.85
Shipping & Handling:	$0.00
Total before tax:	$473.85
Sales Tax:	$0.00
Total for This Shipment:	**$473.85**

Payment information

Payment Method:
American Express | Last digits: 1436

Billing address
(b)(6)
8757 Georgia Ave
Suite 800
Silver Spring, MD 20910
United States

Item(s) Subtotal:	$473.85
Shipping & Handling:	$0.00
Total before tax:	$473.85
Estimated tax to be collected:	$0.00
Grand Total:	**$473.85**

Credit Card transactions

American Express ending in 1436: June 12, 2015: $473.85

473.85
435.18
140.72
1,049.75

TD-002 Materials 1

Print this page for your records

Order Placed: June 10, 2015
Amazon.com order number: 115-2554967-1304267
Order Total: $435.18

Shipped on June 12, 2015

Items Ordered	Price
1 of: *Garmin GPSMAP 62 Handheld GPS Navigator* Sold by: Soddy5 LLC (seller profile) Condition: New	$279.00
4 of: *eneloop 4-Position NI-MH Rechargeable Battery Charger (white)* Sold by: Amazon.com LLC Condition: New	$7.80
2 of: *Panasonic Advanced Individual Cell Battery Charger with eneloop AA New 2100 Cycle Rechargeable Batteries, 4 Pack, White, PANASONIC* Sold by: Amazon.com LLC Condition: New	$16.99
2 of: *Supernova 300 Lumens Ultra Bright LED Camping and Emergency Lantern* Sold by: Amazon.com LLC Condition: New	$26.97
3 of: *UltraFire? 7W 300LM Mini CREE LED Flashlight Torch Adjustable Focus Zoom Light Lamp* Sold by: MAN GO (seller profile) Condition: New	$5.99

Shipping Address:
[redacted]
8757 GEORGIA AVE STE 800
SILVER SPRING, MD 20910-3742
United States

Shipping Speed:
Standard Shipping

Item(s) Subtotal:	$416.09
Shipping & Handling:	$11.45
Total before tax:	$427.54
Sales Tax:	$7.64
Total for This Shipment:	**$435.18**

Payment Information

Payment Method:
American Express | Last digits: 1436

Billing address
[redacted]
8757 Georgia Ave
Suite 800
Silver Spring, MD 20910

Item(s) Subtotal:	$416.09
Shipping & Handling:	$11.45
Total before tax:	$427.54
Estimated tax to be collected:	$7.64
Grand Total:	**$435.18**

TO - 002 materials 1a

Print this page for your records.

Order Placed: June 10, 2015
Amazon.com order number: 115-2789267-1332216
Order Total: $140.72

Shipped on June 10, 2015

Items Ordered	**Price**
4 of: *eneloop (3rd gen) AAA 1800 cycle, Ni-MH Pre-Charged Rechargeable Batteries, 12 Pack (discontinued by manufacturer)* Sold by: I Deals (seller profile) Condition: New	$35.18

Shipping Address:
[redacted]
8757 GEORGIA AVE STE 800
SILVER SPRING, MD 20910-3742
United States

Shipping Speed:
Standard

Item(s) Subtotal:	$140.72
Shipping & Handling:	$0.00
Total before tax:	$140.72
Sales Tax:	$0.00
Total for This Shipment:	**$140.72**

Payment information

Payment Method:
American Express | Last digits: 1436

Billing address
[redacted]
8757 Georgia Ave
Suite 800
Silver Spring, MD 20910
United States

Item(s) Subtotal:	$140.72
Shipping & Handling:	$0.00
Total before tax:	$140.72
Estimated tax to be collected.	$0.00
Grand Total:	**$140.72**

Credit Card transactions
American Express ending in 1436: June 10, 2015: $140.72

TD-002 Materials 1b

Invoice Template

Name of Organization: TMC
Address: 6001 Indian School Rd. NE, Suite 190 Albuquerque, NM 87110
Date: 7/24/2015
Subcontract Number:

ATTN: invoices@metabiota.com
Metabiota Inc.

Attn: Accounts Payable
1 Sutter Street, Suite 600
San Francisco, CA 94104

Project Name: June Training Event in Almaty, KZ

Deliverable and Period of Performance Covered by this Invoice: 6/19/2015 – 7/15/2015

Total Amount Due: $12,499.91 – I[illegible] 11,797.22

The undersigned hereby certifies that the amount being invoiced represents only those amounts properly payable in accordance with the terms and conditions of the Subcontract Agreement and the official financial records.

By: (b)(6)

Payment should be remitted to (provide details for ACH or Wire Transfer)

Payments shall be made in US Dollars via ACH or Wire to:
Bank Name: First National Rio Grande
Bank Address: 2011 Mountain Rd NW Albuquerque, NM 87104
Account Holder: Technology Management Co
Account No: 000558124
ABA Routing No: 107000440

Not billable $762.69

Prime Contractor Program Manager:

Approved: _____ _____

TD-002 Materials 2

ID: 10

Standard Form 1034
Revised October 1987
Department of the Treasury
I TFM 4-2000

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

VOUCHER NO.
META1509-00-001

U. S. DEPARTMENT, BUREAU, OR ESTABLISHMENT AND LOCATION
METABIOTA, Inc.
Attention Accounts Payable
1 Sutter Street
Suite 600
San Francisco, CA 94104
United States

DATE VOUCHER PREPARED
Jul 24,2015

CONTRACT NUMBER AND DATE
Jun 19,2015

REQUISITION NUMBER AND DATE
2015-09-PO

SCHEDULE NO.

PAID BY

PAYEE'S NAME AND ADDRESS
Technology Management Co.
6001 Indian School Road NE
Suite 190
Albuquerque, NM 87110
United States

7/24/15
1#1044

DATE INVOICE RECEIVED

DISCOUNT TERMS
NET 30

PAYEE'S ACCOUNT NUMBER

SHIPPED FROM | TO | WEIGHT

GOVERNMENT B/L NUMBER

NUMBER AND DATE OF ORDER	DATE OF DELIVERY OR SERVICE	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary)	QUANTITY	UNIT PRICE COST	UNIT PRICE PER	AMOUNT (1)
	From Jun 19,2015 To Jul 15,2015	(b)(6) @tmcgps.com				
(Use continuation sheet(s) if necessary)		(Payee must NOT use the space below)			TOTAL	$12,499.91

PAYMENT:
- PROVISIONAL
- COMPLETE
- PARTIAL
- FINAL
- PROGRESS
- ADVANCE

APPROVED FOR
$

EXCHANGE RATE
=$1.00

DIFFERENCES

BY 2

TITLE

Amount verified; correct for payment

(Signature or initials)

Pursuant to authority vested in me, I certify that this voucher is correct and proper for payment.

7/24/15
(Date)

(b)(6)

(b)(6)

ACCOUNTING CLASSIFICATION

PAID BY

CHECK NUMBER | ON ACCOUNT OF U.S. TREASURY

CHECK NUMBER | ON (Name of Bank)

CASH
$

DATE

PAYEE 3

1 When stated in foreign currency, insert name of currency.
2 If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the space provided, over his official title.
3 When a voucher is receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example "John Doe Company, per John Smith, Secretary", or "Treasurer", as the case may be.

PER

TITLE

Previous edition usable

NSN 7540-00-000-2234

PRIVACY ACT STATEMENT

The information requested on this form is required under the provisions of 31 U.S.C. 82b and 82c, for the purpose of disbursing Federal money. The information requested is to identify the particular creditor and the amounts to be paid. Failure to furnish this information will hinder discharge of the payment obligation.

TD-002 materials 2n

TMC
GLOBAL PROFESSIONAL SERVICES

Billing Number:	META1509-00-001	Project Number:	METABIOT.001	Billing Currency:	USD
Invoice Number:	10009217	Project Name:	META1509	Invoice Date:	07/24/2015

Non-Labor Supporting Schedule

Group Description: TOTAL OTH. DIR. COST

Description	Transaction	JE No / Vchr No	Current FY/Pd	Vendor	Invoice ID	Current Amount	Cumulative Amount
Line Description:	Conf Materials						
Conf Materials	Conference Materials	10122289	2015/7	Mediland LLP	2655	$400.80	
Dosing device | 20 - 200mkl | single channel | -20 - +40C | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122289	2015/7	Mediland LLP	2655	400.80	
Dosing device | Pro-line | single channel | 2 - 20mkl -20 - +40C| MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122289	2015/7	Mediland LLP	2655	38.28	
Pipette tips 02-10 ul (1 box | 1000 pcl in a box)| MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122289	2015/7	Mediland LLP	2655	23.13	
Pipette tips 2-200ul (1 box | 1000 pcl in a box)| MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122289	2015/7	Mediland LLP	2655	10.49	
50ml Falcon tube with cover | 25 pcs| (BD USA) | | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122289	2015/7	Mediland LLP	2655	0.68	
Glass slides 50 units in a pack | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122290	2015/7	Mediland LLP	516	172.71	
BD Vacutainer SST|| Advance | BD Hemogard 8,5 | 16*100mm | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122290	2015/7	Mediland LLP	516	164.49	
BD Vacutainer Flashback Needle 21G*1 (0.8*25mm) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122291	2015/7	Visa Med Plus LLP	133	645.69	
BMP-21 - Printer in set by Brady Corporation | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122292	2015/7	Office Dom KZ	18458	68.99	
Safety Glass GS transparent | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122292	2015/7	Office Dom KZ	18458	16.98	
Paper towel | 3 layers | Rula | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122292	2015/7	Office Dom KZ	18458	15.10	
Plastics sheets A4 | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122292	2015/7	Office Dom KZ	18458	11.59	
Paper towel | 2 layers | Rula | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122292	2015/7	Office Dom KZ	18458	0.49	
Clipboard A4 | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122293	2015/7	Korgan Center LLP	1277	384.27	
12 folding chairs Fait (83x53x44) 3.3kg | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122293	2015/7	Korgan Center LLP	1277	170.76	
2 tables Coleman Folding 8 (152x76x71) 5,7 kg | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122293	2015/7	Korgan Center LLP	1277	68.32	
Cooler Coleman Ball handle 26 L | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122293	2015/7	Korgan Center LLP	1277	7.23	
3 ice packs EZETIL-ICE-AKKU-440-2-GEL (2X400) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122384	2015/7	ECOS Company	746	87.48	
Respirators FFP2 ECOS PO1202 | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122384	2015/7	ECOS Company	746	84.24	
Respirators FFP3 ECOS PO 1203 F | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122385	2015/7	BioHimPribor LTD	176	435.05	
Cryotubes 2ml | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122385	2015/7	BioHimPribor LTD	176	250.29	
Disposable sleeves | MERS training in Almaty | June 29-July 3 / 2015							

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TMC
GLOBAL PROFESSIONAL SERVICES

Billing Number:	META1509-00-001	Project Number:	META01OT.001	Billing Currency:	USD
Invoice Number:	10009217	Project Name:	META1500	Invoice Date:	07/24/2015

Group Description: TOTAL OTH. DIR. COST

Description	Transaction	JE No./ Vchr No.	Current FY/Pd	Vendor	Invoice ID	Current Amount	Cumulative Amount
Line Description	Conf Materials						
Conf Materials	Conference Materials	10122385	2015/7	BioHimPribor LTD	176	139.65	
Nitril powderfree gloves (medium) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122385	2015/7	BioHimPribor LTD	176	139.65	
Nitril powderfree gloves (large) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122385	2015/7	BioHimPribor LTD	176	139.63	
Nitril powderfree gloves (small) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122385	2015/7	BioHimPribor LTD	176	43.83	
1-200mkl pipette tips with filter | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122385	2015/7	BioHimPribor LTD	176	41.09	
Glass slides frosted | 76x26mm | 50pc in pack | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122385	2015/7	BioHimPribor LTD	176	34.01	
Latex powdered gloves - XS | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122385	2015/7	BioHimPribor LTD	176	9.40	
Needles 27G | 100pcs in a box | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122388	2015/7	VELD LLP	1386	286.21	
Medical PP suit (XXL) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122388	2015/7	VELD LLP	1386	281.28	
Medical PP suit (XL) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122388	2015/7	VELD LLP	1386	277.17	
Medical PP suit (Large) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122388	2015/7	VELD LLP	1386	250.02	
N95 respirators FFP3 | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122388	2015/7	VELD LLP	1386	81.15	
N95 respirators | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122388	2015/7	VELD LLP	1386	20.56	
Nitril powderfree gloves (small) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122388	2015/7	VELD LLP	1386	20.56	
Nitril powderfree gloves (medium) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122388	2015/7	VELD LLP	1386	20.56	
Nitril powderfree gloves (large) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122388	2015/7	VELD LLP	1386	15.35	
Latex powered gloves (medium) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122388	2015/7	VELD LLP	1386	10.42	
PE Sleeves | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122388	2015/7	VELD LLP	1386	7.68	
Latex powered gloves (large) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122389	2015/7	VELD LLP	1403	71.22	
Holder 4-way rack PP for tubes (4) 50ml;(12) 15ml; (32) 0,5-1,5ml | size 174705752mm | autoclaved | (USA) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122389	2015/7	VELD LLP	1403	47.15	
Plastic tubes holder - (30) 15ml, (20) 50ml / size 207 171 61 / autoclaved/ (USA) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122389	2015/7	VELD LLP	1403	40.96	
PP container to transport and storage of bio samples| 2000ml| 189x154mm | autoclaved | with handle| made in Italy | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122389	2015/7	VELD LLP	1403	33.62	
Cardbox container for medical wastes| 2.5L | made in Russia | MERS training in Almaty | June 29-July 3 / 2015							

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TMC
GLOBAL PROFESSIONAL SERVICES

Billing Number:	META1509-00-001	Project Number:	METAR|OT.001	Billing Currency:	USD
Invoice Number:	10009217	Project Name:	META1509	Invoice Date:	07/24/2015

Group Description: TOTAL OTH. DIR. COST

Description	Transaction	JE No./ Vchr No.	Current FY/Pd	Vendor	Invoice ID	Current Amount	Cumulative Amount
Line Description:	Conf Materials						
Conf Materials	Conference Materials	10122389	2015/7	VELO LLP	1403	19.34	
PE SHARP BOXES, to collect used not disposable instruments | 1,5l Italy | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122389	2015/7	VELO LLP	1403	17.48	
PE SHARP BOXES | to collect used not disposable instruments | 1l Italy | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122389	2015/7	VELO LLP	1403	10.76	
Biohazard bag 700x800mm | class A | B | white | yellow | with clip and lable (Russia) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122389	2015/7	VELO LLP	1403	7.53	
Biohazard bag 330x600mm | class A | B | C | D | RED | with clip and lable (Russia) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122389	2015/7	VELO LLP	1403	2.86	
Marker to write on plastic | blue | Germany | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122389	2015/7	VELO LLP	1403	2.15	
Biohazard bag 330x300mm | class B | Yellow | with clip and lable (Russia) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122389	2015/7	VELO LLP	1403	0.54	
Pencils to write on glass | red | blue | Russia | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122389	2015/7	VELO LLP	1403	0.26	
Flagging tape 13x24mm | working environment from -195C +120C | Italy | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122434	2015/7	Welding Company	10000000875	294.23	
Ladder 7m | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122435	2015/7	Korgan Center LLP	146	72.62	
AA batteries (rechargeable) | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122435	2015/7	Korgan Center LLP	146	20.38	
Repellent | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122435	2015/7	Korgan Center LLP	146	7.09	
Ice pack | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122435	2015/7	Korgan Center LLP	146	0.98	
Tent stakes | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122441	2015/7	[redacted]	10122441	57.48	
Reimbursement to V Silantieva for First Aid kit for 20 people | MERS training in [redacted] 9-July 3 / 2015							
Conf Materials	Conference Materials	10122443	2015/7	[redacted]	10122443	321.00	
Reimbursement to V Silantieva for purchasing Red Fox carabine / descender | sc [redacted] e | for the MERS training June 29 - July 3| 2015							
Conf Materials	Conference Materials	10122444	2015/7	[redacted]	10122444	3.94	
Reimbursement to V Silantieva for purchasing masking tape | MERS training in A [redacted] -July 3 / 2015							
Conf Materials	Conference Materials	10122445	2015/7	[redacted]	10122445	14.58	
Reimbursement to V Silantieva for purchasing Ziplock packages and liner | MI [redacted] Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122447	2015/7	[redacted]	10122447	63.24	
Reimbursement to V Silantieva for purchasing cutting boards | MERS training fr [redacted] 29-July 3 / 2015							
Conf Materials	Conference Materials	10122527	2015/7	[redacted]	10122527	80.69	
Reimbursement to V Silantieva for purchasing lifting rope for MERS training in At [redacted] uly 3 / 2015							
Conf Materials	Conference Materials	10122528	2015/7	[redacted]	10122528	9.18	
Reimbursement to V Silantieva for purchasing cotton pads | MERS training in Almaty | June 29-July 3 / 2015							

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TMC
GLOBAL PROFESSIONAL SERVICES

Billing Number:	META1506-00 001	Project Number:	METABIOT 001	Billing Currency:	USD
Invoice Number:	10009217	Project Name:	META1609	Invoice Date:	07/24/2015

Group Description: TOTAL OTH. DIR. COST

Description	Transaction	JE No / Vchr No	Current FY/Pd	Vendor	Invoice ID	Current Amount	Cumulative Amount
Line Description:	Conf Materials						
Conf Materials	Conference Materials	10122529	2015/7	[redacted]	10122529	18.08	
Reimbursement to V Silantieva for purchasing medicine for 1st aid kit | MERS trai					e 29-July 3 / 2015		
Conf Materials	Conference Materials	10122531	2015/7		10122531	34.26	
Batteries Duracell ultra | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122531	2015/7		10122531	13.05	
Spray bottle | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122531	2015/7		10122531	0.49	
Glass box for slides | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122531	2015/7		10122531	3.21	
Liquid Soap | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122531	2015/7		10122531	0.85	
Bleach | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122539	2015/7		837	48.94	
Spray bottles | Bleach | Garbige bags (thick) | Drippan | MERS training in Almaty |					15		
Conf Materials	Conference Materials	10122540	2015/7		69	66.24	
Reimbursement to V Silantieva for purchasing bat's nets | MERS training in Almat					2015		
Conf Materials	Conference Materials	10122541	2015/7	[redacted] LLP	20000801	174.00	
Ladder 5m | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122542	2015/7	Apteka #2	357	41.09	
Liquid soap and sanitizers | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122670	2015/7	KDC-Almaty	1718	113.40	
Latex powered gloves (s/m/l) 15 boxes | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122694	2015/7	Korgan Center LLP	164	181.54	
Cooler Coleman XTREME 70QT 66l							
Conf Materials	Conference Materials	10122694	2015/7	Korgan Center LLP	164	96.45	
Cooler Coleman Poly tle48QT 45l							
Conf Materials	Conference Materials	10122694	2015/7	Korgan Center LLP	164	24.00	
Cooling element Ezefl- Ice-Akku-440-2-Gel							
Conf Materials	Conference Materials	10122708	2015/7	BioHimPribor LTD	171	48.03	
Scissors - laboratory use | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122708	2015/7	BioHimPribor LTD	171	34.82	
Slide boxes - 100 slides | MERS training in Almaty | June 29-July 3 / 2015							
Conf Materials	Conference Materials	10122708	2015/7	BioHimPribor LTD	171	8.11	
Scissors - general use | MERS training in Almaty | June 29-July 3 / 2015							
Total: Conf Materials						$7,422.64	
Line Description:	Temporary Services						
Temporary Services	Temporary Services	10122813	2015/7	[redacted]	36	$99.99	
Payment for Fit Test Services during MERS training in Almaty | June 29-July 3 / 2015							
Total: Temporary Services						$99.99	

TD-002 materials 2E

TMC
GLOBAL PROFESSIONAL SERVICES

Billing Number:	META1509-03-001	Project Number:	METADIOT.001	Billing Currency	USD
Invoice Number:	10008217	Project Name:	META1509	Invoice Date:	07/24/2015

Group Description: TOTAL OTH. DIR. COST

Description	Transaction	JE No / Vchr No	Current FY/Pd	Vendor	Invoice ID	Current Amount	Cumulative Amount
Line Description	Customs Duties						
Customs Duties	Customs Duties	10122523	2015/7	DHL Kazakhstan	270456	527.37	
Preparation of documents for customs clearance (0285457403) for the MERS training June 29 - July 3| 2015							
Customs Duties	Customs Duties	10122524	2015/7	DHL Kazakhstan	4317	8.22	
Preparation of documents for customs clearance (AWB 7515543700) for the MERS training June 29 - July 3| 2015							
Customs Duties	Customs Duties	10122525	2015/7	Ankol Customs Broker LLP	ATB60155	147.10	
Customs clearance for the 2d shipment for the MERS training June 29 - July 3| 2015							
Customs Duties	Customs Duties	10122526	2015/7	Ankol Customs Broker LLP	ATB60167	492.66	
Customs clearance for the 3d shipment for the MERS training June 29 - July 3| 2015							
Customs Duties	Customs Duties	10122664	2015/7	DHL Kazakhstan	270190	27.34	
Preparation of documents for customs clearance (AWB 7515867332) for the MERS training June 29 - July 3| 2015							
Total: Customs Duties						$702.69	
TOTAL OTH. DIR. COST						$8,225.32	$8,225.32

TD-002 Materials 2 F

ace usa

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

Named Insured			Endorsement Number
Metabiota, Inc			010
Policy Symbol: ENI	Policy Number: D37429193 001	Policy Period: December 22, 2014 to December 22, 2015	Effective Date of Endorsement: June 01, 2015
Issued By (Name of Insurance Company): ACE American Insurance Company			

AMENDMENT TO SCHEDULE IN DEFENSE BASE ACT CONTRACT AND/OR PROJECT ENDORSEMENT

This endorsement modifies insurance provided under the following:

DEFENSE BASE ACT WORKERS COMPENSATION AND EMPLOYERS LIABILITY INSURANCE POLICY

The Schedule of the DEFENSE BASE ACT COVERAGE ENDORSEMENT is amended to read as follows:

Schedule

Contract Name/Number/Country(s) or Project Name & Country(s)
In consideration of additional premium charge of $2,345 travel to Kazakhstan from 06/01/2015 to 09/30/2015 under currently scheduled contract is afforded coverage as of the effective date of this endorsement. This travel is completed by Third Country Nationals and coverage is afforded for the same. A rate of $3.50 applied. Payroll of $67,005 is added to the policy. It is further agreed this additional premium charge is fully earned and the minimum earned premium is amended to read $47,247. Policy payroll now totals $1,349,909.

All other terms and conditions of this policy remain unchanged.

TO-002 ODC 7

ace usa

FORMS AND ENDORSEMENTS SUMMARY PAGE

COMPANY NAME:	ACE American Insurance Company		
NAMED INSURED:	Metabiota, Inc		
POLICY NUMBER:	D37429193 001	**DECLARATIONS EFFECTIVE:**	December 22, 2014

This policy consists of the following forms and endorsements attached to this policy at inception:

IT8003	05-2014	Defense Base Act Workers Compensation And Employers Liability Insurance Policy
IT8017	11-2010	Amendment to Schedule in Defense Base Act Contract and/or Project Endorsement

The Coverage Forms and endorsements listed above and attached, complete the above numbered policy

TD-002 ODC 1a

Engle, Jeff

ITINENTAL.

PACKET

Room No	0609
Arrival	25-06-15
Departure	05-07 15 01 00 00
Adults / Children	1 / 0
Page No	1 of 1
Cashier No	(b)(6)

...ology Management Compa

...326

		Debits	Credits
25-06-15	Room&Tax	40,372.86	
26-06-15	Room&Tax	40,372.86	
27-06-15	Room&Tax	40,405.40	
28-06-15	Room&Tax	40,405.40	
29-06-15	Room&Tax	40,405.40	
30-06-15	Room&Tax	40,405.40	
01-07-15	Room&Tax	40,405 40	
02-07-15	Room&Tax	40,405 40	
03-07-15	Room&Tax	40,405 40	
04-07-15	Room&Tax	40,405 40	
04-07-15	American Express (b)(4) (b)(6)		403,988 92
	Total	403,988.92	403,988 92

2223089

Balance	0.00	KZT
Total incl. vat	403,988.92	KZT
Folio amount NET	360,704.38	KZT
VAT	43,284.54	KZT

... for this bill is not waived and agree to be held ... pay for any part of the full amount of these charges ... agreement with the issuer.

... from IHG Hotels Ltd.

TD-002 Travel 1

2.

Washington Hilton

(b)(6)

] 296.56

] 296.56

Zip-Out Check-Out®

TD-002 Travel 2

INTERCONTINENTAL
ALMATY

(b)(6)

Company Name	Technology Management Compa	Room No.	[illegible]
Membership No	PC 313402357	Arrival	26-06-15
A/R Number		Departure	[illegible]
Group Code		Adults / Children	[illegible]
INVOICE 287389		Page No	[illegible]
		Cashier No	[illegible] (b)(6)

Date	Text	Debits	Credits
26-06-15	Room&Tax	363,616.06	$1981.34
27-06-15	Atrium Bar	2,072.00	
05-07-15	Visa XXXXXXXXXXXX3228		365,688.06
	Total	365,688.06	365,688.06

Balance	0.00	KZT
Total Incl. vat	365,688.06	KZT
Folio amount NET	326,507.19	KZT
VAT	39,180.87	KZT

Exchange rate 1 USD = 186.20

Balance Due (USD): 1,963.95

Guest Signature: _____

I have received the goods and / or services in the amount shown here. I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company, or association fails to pay for any part of the full amount of these charges. If a credit card charge, I further agree to perform the obligations set forth in the cardholder's agreement with the issuer.

This hotel is owned and operated by KTJV JSC «AYT-OTEL» under license from IHG Hotels Ltd

DOOR TOWEL 3

INTERCONTINENTAL.
ALMATY

(b)(6)

Company Name	Technology Management Comp	Room No	0728
Membership No	PC 108879008	Arrival	27-06-15
A/R Number		Departure	03-07-15 00:00:00
Group Code		Adults / Children	[illegible]
INVOICE 287185		Page No	[illegible]
		Cashier No	[illegible] (b)(6)

Date	Text	Debits	Credits
27-06-15	Room&Tax	40,405.40	
28-06-15	Room&Tax	40,405.40	
29-06-15	Room&Tax	40,405.40	
30-06-15	Room&Tax	40,405.40	
01-07-15	Room&Tax	40,405.40	
02-07-15	Room&Tax	40,405.4[illegible]	
03-07-15	American Express (b)(4); (b)(6)		242,432.4[illegible] $1,234.55
	Total	242,432.40	242,432.40

Balance	0.00	KZT
Total incl. vat	242,432.40	KZT
Folio amount NET	216,457.50	KZT
VAT	25,974.90	KZT

Exchange rate 1 USD = 186.20
Balance Due (USD): 1,302.00

Guest Signature: _____

I have received the goods and/or services to the amount shown here. I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company, or association fails to pay for any part of the full amount of these charges. If a credit card charge, I further agree to perform the obligations set forth in the cardholder's agreement with the issuer.

This hotel is owned and operated by KPJV JSC «AYT-OTEL» under license from IHG Hotels Ltd

Door Travel

5a $2,223.93
5b 2,001.61
4225.54

INTERCONTINENTAL
ALMATY

(b)(6)

Company Name	Technology Management Compa	Room No	0532
Membership No	PC 428968097	Arrival	25-06-15
A/R Number		Departure	05-07-15 01:00:00
Group Code		Adults / Children	1 / 0
		Page No	1 of 1
INTERIM INVOICE 287320		Cashier No	344 (b)(6)

Date	Text	Debits	Credits
25-06-15	Room&Tax	40,372.86	
26-06-15	Room&Tax	40,372.86	2,223.93
27-06-15	Room&Tax	40,405.40	
28-06-15	Room&Tax	40,405.40	
29-06-15	Room&Tax	40,405.40	
30-06-15	Room&Tax	40,405.40	
01-07-15	Room&Tax	40,405.40	
02-07-15	Room&Tax	40,405.40	
03-07-15	Room&Tax	40,405.40	
04-07-15	Room&Tax	40,405.40	
04-07-15	American Express (b)(4) (b)(6)		403,988.92
	Total	403,988.92	403,988.92

Balance	0.00	KZT
Total incl. vat	403,988.92	KZT
Folio amount NET	360,704.38	KZT
VAT	43,284.54	KZT

Exchange rate 1 USD = 186.20
Balance Due (USD): 2,169.65

Guest Signature: _____

I have received the goods and/or services in the amount shown here. I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company, or association fails to pay for any part of the full amount of these charges. If a credit card charge, I further agree to perform the obligations set forth in the cardholder's agreement with the issuer.

This hotel is owned and operated by KTUV ISC «AYT OTEL» under license from IHG Hotels Ltd

TD002 Travel 5 a

INTERCONTINENTAL.
ALMATY

(b)(6)

Company Name Technology Management (b)(6)
Membership No. PC (b)(6)
A/R Number
Group Code

INTERIM INVOICE 287319

Room No 0634
Arrival 26-06-15
Departure 05-07-15 14:00:00
Adults / Children 1 / 0
Page No. 1 of 1
Cashier No. 344 / (b)(6)

Date	Text	Debits	Credits
26-06-15	Room&Tax	40,372.86	
27-06-15	Room&Tax	40,405.40	
28-06-15	Room&Tax	40,405.40	
29-06-15	Room&Tax	40,405.40	
30-06-15	Room&Tax	40,405.40	
01-07-15	Room&Tax	40,405.40	
02-07-15	Room&Tax	40,405.40	
03-07-15	Room&Tax	40,405.40	
04-07-15	Room&Tax	40,405.40	
04-07-15	American Express (b)(4); (b)(6)		363,616.06
	Total	363,616.06	363,616.06

2001.61

Balance	0.00	KZT
Total incl. vat	363,616.06	KZT
Folio amount NET	324,657.19	KZT
VAT	38,958.87	KZT

Exchange rate 1 USD = 186.20
Balance Due (USD): 1,952.83

Guest Signature: _____

I have received the goods and or services to the amount shown here. I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company, or association fails to pay for any part of the full amount of these charges. If a credit card charge, I further agree to perform the obligations set forth in the cardholder's agreement with the issuer.

This hotel is owned and operated by KTJV JSC «AYT-OTEL» under license from IHG Hotels Ltd

TD002 Travel 5 B

a $2001.65
b $2 001.65
c $2 001.65
$6004.95

INTERCONTINENTAL.
ALMATY

(b)(6)

Company Name	Technology Managament Compa	Room No	0630
Membership No	PC (b)(6)	Arrival	26-06-15
A/R Number		Departure	05-07-15 14:00:00
Group Code		Adults / Children	1 / 0
		Page No	1 of
		Cashier No	344 (b)(6)

INTERIM INVOICE 287318

Date	Text	Debits	Credits
26-06-15	Room&Tax	40,372.86	
27-06-15	Room&Tax	40,405.40	
28-06-15	Room&Tax	40,405.40	
29-06-15	Room&Tax	40,405.40	
30-06-15	Room&Tax	40,405.40	
01-07-15	Room&Tax	40,405.40	
02-07-15	Room&Tax	40,405.40	$2,001.65
03-07-15	Room&Tax	40,405.40	
04-07-15	Room&Tax	40,405.40	
04-07-15	American Express (b)(4); (b)(6)		363,616.06
	Total	363,616.06	363,616.06

Balance	0.00	KZT
Total incl. vat	363,616.06	KZT
Folio amount NET	324,657.19	KZT
VAT	38,958.87	KZT

Exchange rate 1 USD = 186.20
Balance Due (USD): 1,952.83

Guest Signature: _____

I have received the goods and / or services in the amount shown here. I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person / company / or association is liable to pay for any part of the full amount of these charges. If a credit card charge, I further agree to perform the obligations set forth in the cardholder's agreement with the issuer.

This hotel is owned and operated by KTU JSC «AYT-OTEL» under license from IHG Hotels Ltd

TD 002 Travel & Q

INTERCONTINENTAL ALMATY

(b)(6)

Company Name	Technology Management Compa	Room No	0614
Membership No	PC (b)(6)	Arrival	26-06-15
A/R Number		Departure	05-07-15 14:00:00
Group Code		Adults / Children	1 / 0
INTERIM INVOICE 287317		Page No	1 of 1
		Cashier No.	344 (b)(6)

Date	Text	Debits	Credits
26-06-15	Room&Tax	40,372.86	
27-06-15	Room&Tax	40,405.40	
28-06-15	Room&Tax	40,405.40	
29-06-15	Room&Tax	40,405.40	
30-06-15	Room&Tax	40,405.40	
01-07-15	Room&Tax	40,405.40	
02-07-15	Room&Tax	40,405.40	
03-07-15	Room&Tax	40,405.40	
04-07-15	Room&Tax	40,405.40	
04-07-15	American Express (b)(4); (b)(6)		362,616.06
	Total	**363,616.06**	**362,616.06**

Balance	0.00	KZT
Total incl. vat	363,616.06	KZT
Folio amount NET	324,657.19	KZT
VAT	38,958.87	KZT

Exchange rate 1 USD = 186.20

Balance Due (USD): 1,952.83

$2001.65

Guest Signature. _____

I have received the goods and/or services in the amount shown here. I agree that my liability for this is not waived and agree to be held personally liable in the event that the indicated person, company or association fails to pay for any part of the full amount of these charges. If a credit card charge, I further agree to perform the obligations set forth in the cardholder's agreement w/ the issuer.

This Hotel is owned and operated by KTUV JSC «AYT-OTEL» under license from IHG Hotels Ltd

Door Towels

INTERCONTINENTAL.
ALMATY

(b)(6)

Company Name	Technology Management Compa	Room No	0803
Membership No.	PC (b)(6)	Arrival	26-06-15
A/R Number		Departure	05-07-15 14:00:00
Group Code		Adults / Children	1 / 0
INTERIM INVOICE 287316		Page No.	1 of 1
		Cashier No.	344 (b)(6)

Date	Text	Debits	Credits
26-06-15	Room&Tax	40,372.86	
27-06-15	Room&Tax	40,405.40	
28-06-15	Room&Tax	40,405.40	
29-06-15	Room&Tax	40,405.40	
30-06-15	Room&Tax	40,405.40	
01-07-15	Room&Tax	40,405.40	
02-07-15	Room&Tax	40,405.40	
03-07-15	Room&Tax	40,405.40	
04-07-15	Room&Tax	40,405.40	
04-07-15	American Express (b)(4); (b)(6)		363,616.06
	Total	**363,616.06**	**363,616.06**

Balance	0.00	KZT
Total incl. vat	363,616.06	KZT
Folio amount NET	324,657.19	KZT
VAT	38,958.87	KZT

Exchange rate 1 USD = 186.20

Balance Due (USD): 1,952.83

ID 200167

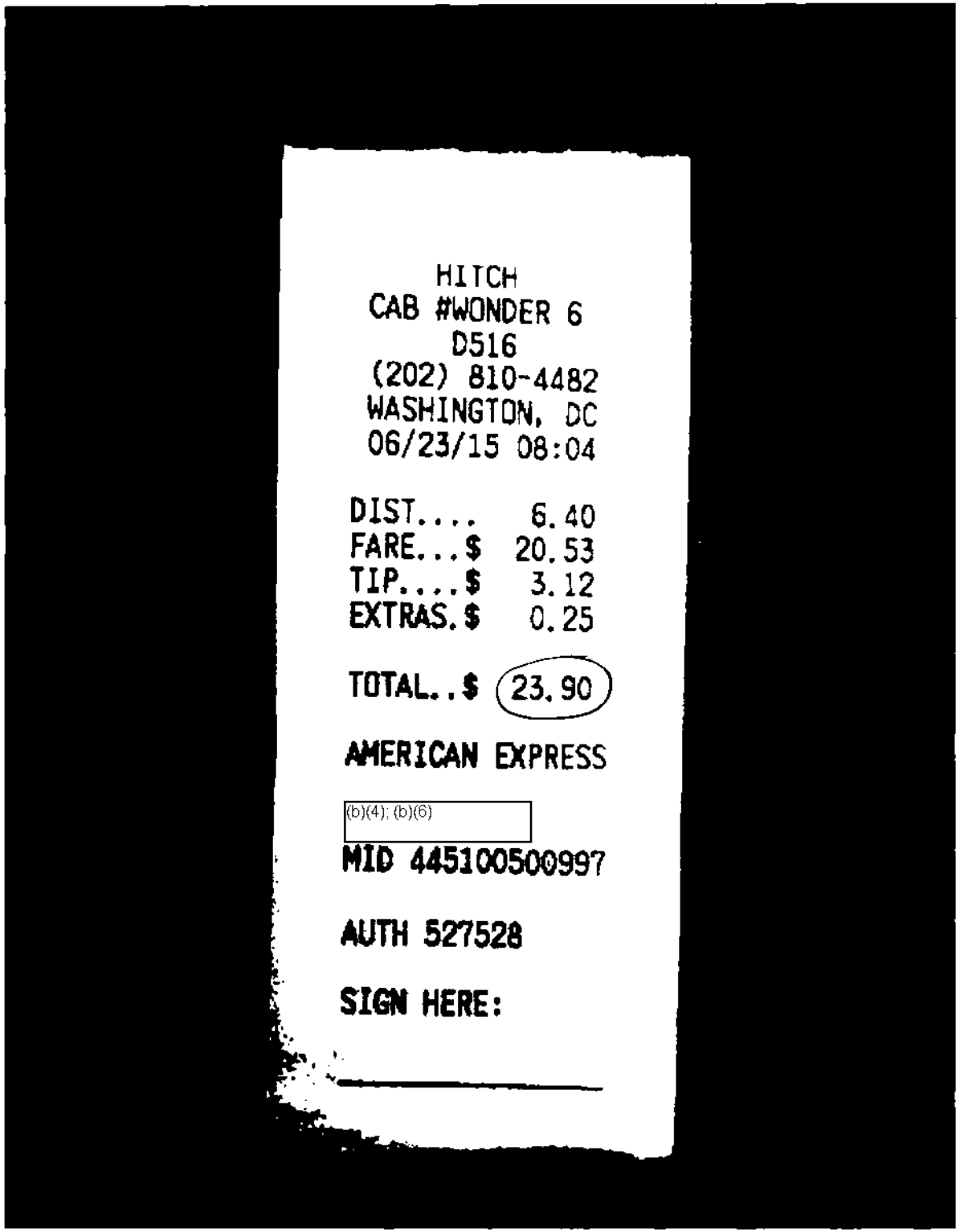
Guest Signature: _____

I have received the goods and / or services in the amount shown here. I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company, or association fails to pay for any part of the full amount of these charges. If a credit card charge, I further agree to perform the obligations set forth in the cardholder's agreement with the issuer.

This hotel is owned and operated by KTUV JSC «AYT-OTEL» under license from IHG Hotels Ltd.

ID Travel 002 6 C

TD002 Travel 7



HITCH
CAB #WONDER 6
D516
(202) 810-4482
WASHINGTON, DC
06/23/15 08:04

DIST.... 6.40
FARE...$ 20.53
TIP....$ 3.12
EXTRAS.$ 0.25

TOTAL..$ 23.90

AMERICAN EXPRESS

(b)(4); (b)(6)

MID 445100500997

AUTH 527528

SIGN HERE:

* COPY *
HITCH
CAB #SILVER 699
K198
(202) 810-4482
WASHINGTON, DC
06/22/15 22:26

DIST.... 7.30
FARE...$ 19.45
TIP....$ 3.41
EXTRAS.$ 3.25

TOTAL..$ 26.11

AMERICAN EXPRESS

(b)(4); (b)(6)

MID 445100500997

AUTH 538343

SIGN HERE:

TD002 Travel 8

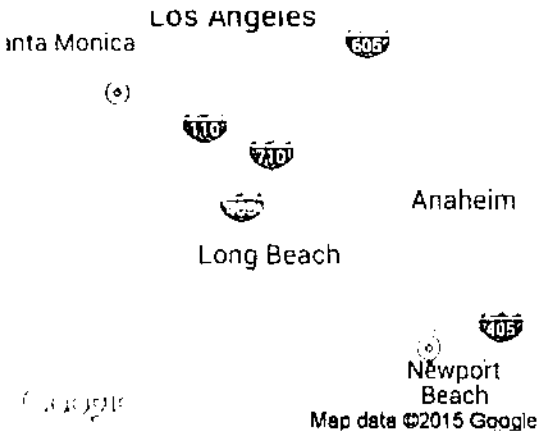
Subject: Fwd: Your Monday morning trip with Uber
Date: Monday, June 22, 2015 at 3:53:33 PM East Kazakhstan Time
From:
To: (b)(6)

Sent from my iPhone

Begin forwarded message:

Resent-From: (b)(6)
From: Uber Receipts <receipts.orange.county@uber.com>
Date: June 22, 2015 at 9:58:28 AM CDT
Resent-To: (b)(6)
(b)(6)
Subject: Your Monday morning trip with Uber

$77.53

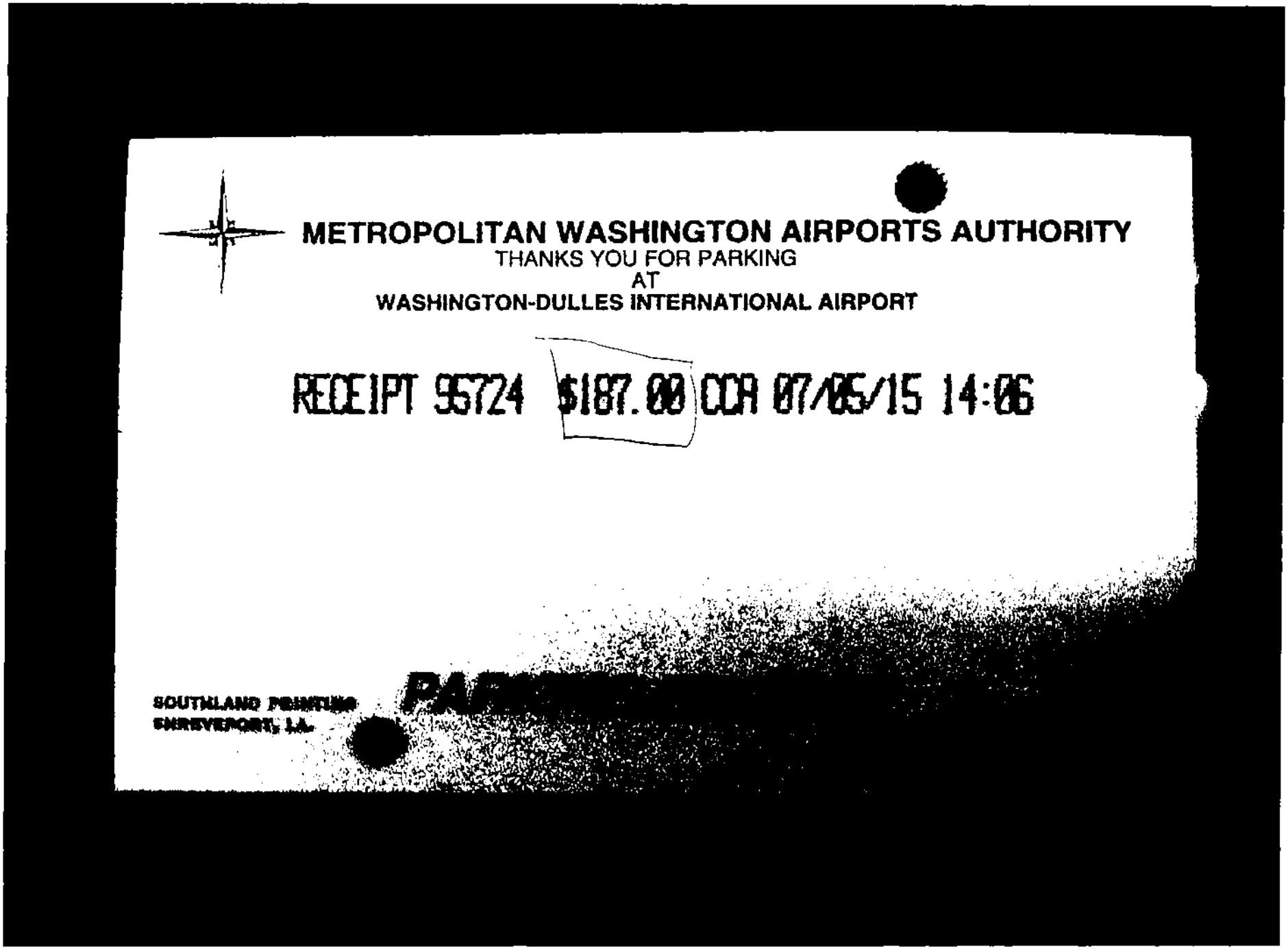


06:34am

07:58am

	.00
	43.77
	15.10
Normal Fare	**$58.87**
	17.66
Subtotal	**$76.53**
	1.00
....	**$77.53**

TD002 Travel 9



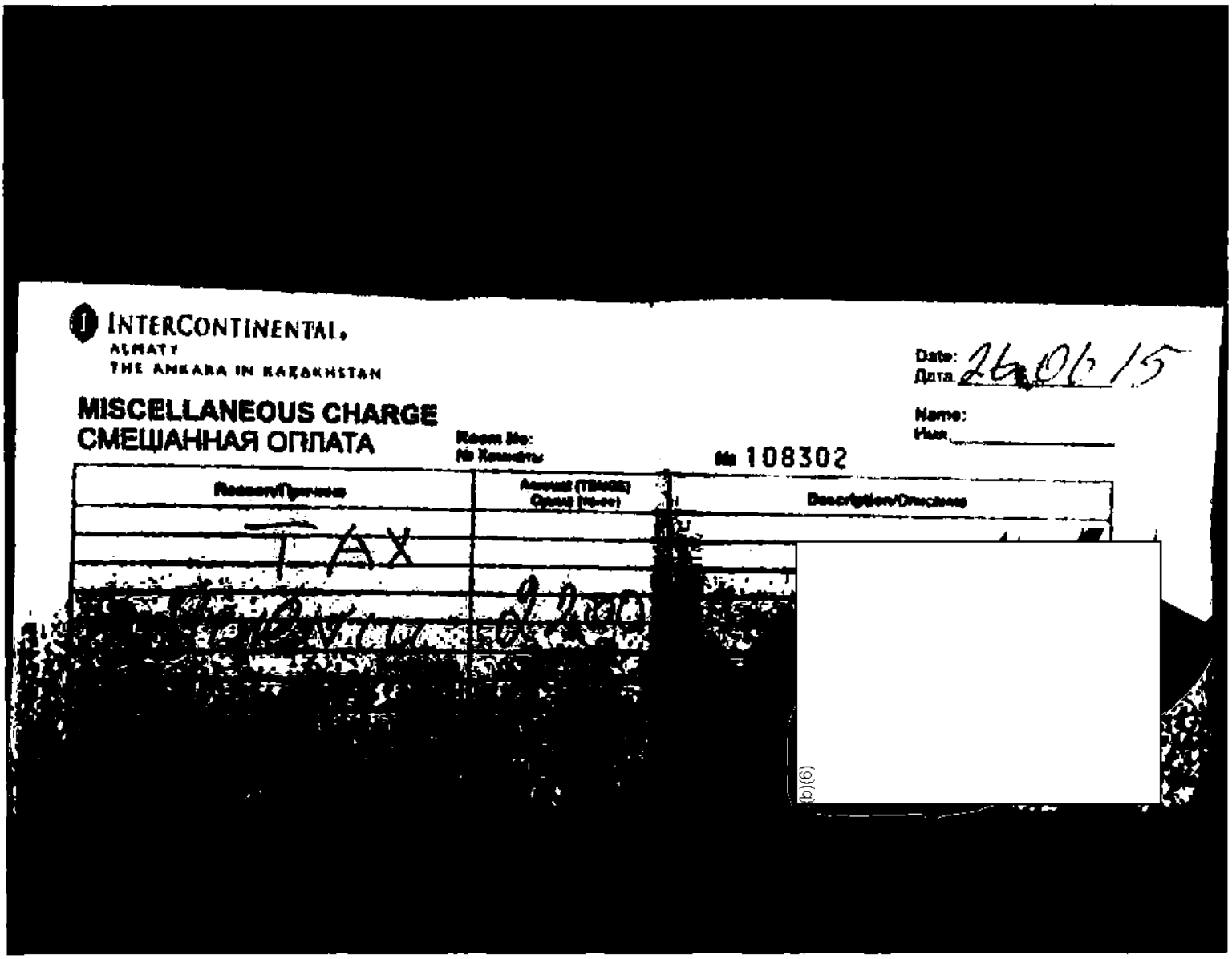
METROPOLITAN WASHINGTON AIRPORTS AUTHORITY
THANKS YOU FOR PARKING
AT
WASHINGTON-DULLES INTERNATIONAL AIRPORT

RECEIPT 95724 $187.00 CCR 07/05/15 14:06

SOUTHLAND PRINTING
SHREVEPORT, LA.

PA

D002 Travel 10



INTERCONTINENTAL
ALMATY
THE ANKARA IN KAZAKHSTAN

Date: 26.06.15
Дата

MISCELLANEOUS CHARGE
СМЕШАННАЯ ОПЛАТА

Room No:
№ Комнаты

№ 108302

Name:
Имя

Reason/Причина	Amount (TENGE) Сумма (тенге)	Description/Описание
TAX		
[illegible]	2200	

(b)(6)

$2,200 KZT = $11.99 USD

x 0.00544900 exchange rate on 6/26/15

TD 002 Travel 11

COPY

ington Flyer

557-63436

-07-05 14:01

-7726963

-05 14:40

-7702385

27.20

(b)(4); (b)(6)

TD002 Travel R

TD 002 Travel 13A

**********ELECTRONIC MISCELLANEOUS DOCUMENT 4

ETIHAD AIRWAYS

PASSENGER RECEIPT

05JUL15 65390430 KZ

ALA BAR /ALMATY

(b)(6)

NOT VALID FOR TRANSPORT PSGR TICKET 6077623303558

C/BAGGAGE

PJLKZN/EY

14 OCU ONE KILOGRAM BAGGAGE 0 ALA AUH EY

14 OCU ONE KILOGRAM BAGGAGE 169442 AUH SIN EY

910 00 169442

NA

NA

NA

169442

0 607 8201435740 0

ETIHAD AIRWAYS

** ELECTRONIC **

** MISCELLANEOUS **

** DOCUMENT **

4 **********

6077623303558

WHERE THIS DOCUMENT IS ISSUED FOR TRANSPORTATION OR SVCS OTHER THAN PASSENGER AIR TRANSPORTATION SPECIFIC TERMS AND CONDITIONS MAY APPLY THESE TERMS AND CONDITIONS MAY BE PROVIDED SEPARATELY OR MAY BE OBTAINED FROM THE ISSUING COMPANY OR AGENT

NOT VALID FOR TRAVEL

607 8201435740 0

ОПЛАТА

ОПЛАЧИВАЙТЕ КАРТОЧКОЙ КАЗКОМ И ПОЛУЧАЙТЕ ДО 30% БОНУСОВ ТЕЛ. 258 51 11, WWW.KKB.KZ

$37.62 USD

CITYCAB PTE LTD

SHA8042B

TRIP NO 07061207

START 06-07-2015 12:07

END 06-07 2015 12:27

DISTANCE RUN 20.8 KM

METER FARE $ 16.20

CHANGI AIRPORT$ 3.00

TOTAL FARE $ 19.20

AMOUNT PAID $ 19.20

USD $14.27

COMFORT [illegible]
SM [illegible]

TRIP NO [illegible]
START [illegible]
END [illegible]
DISTANCE [illegible]

NETS [illegible]
[illegible]
PURCHASE [illegible]
UUB GROUP
26 [illegible]
APPROVAL [illegible]
STAN [illegible]

METER FARE [illegible]
ADV BOOKING [illegible]
PEAK HOUR [illegible]
LATE NIGHT [illegible]
TOTAL FARE [illegible]

FEE/GST INCL [illegible]

AMOUNT PAID [illegible]

GST [illegible]

APPROVED
USD $33.46

PREMIER
Silver line: 63636888
Premier Taxis Pte Ltd
Reg no 20 0384975 H

[illegible]

[illegible] $26.26
[illegible] $26.25
[illegible]
[illegible] 6476 [illegible]
USD $19.51

TD002 Travel 13B

14A-D = 189.59
14 C = 249.20
438.79

Date / Дата
/ /
d.d. m.m. yr.
ID / ИД Заказа
№

Эко Командир
Complaints and suggestions / Жалобы и предложения

Группа компаний «Эко такси»
г. Алматы, пр. Гагарина, 236 б
Call center : +7 (727) 3900 500
Mobile : +7 777 672 77 77
on-line : www.ecotaxi.kz
e-mail : info@ecotaxi.kz

№	Route / Маршрут	Boarding / Время посадки	Landing / Время высадки
1			
2			
3			
4			
5			
6	Сумма	5000.00	

Данная квитанция выдается только в официальных автомобилях с логотипами компании



Driver's Name / Ф.И.О. водителя
Company / Компания
Ticket acceptable only at official cars with logos
Приглашение для выдачи такси ECO TAXI
Cab driver's signature / Подпись водителя / Позывной и № авто
Client's Surname, Name & Signature / Ф.И.О. клиента, подпись

part of $189.59 taxi expense

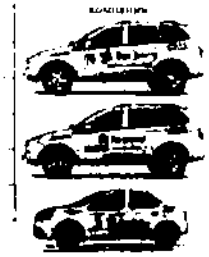
Date / Дата
/ /
d.d. m.m. yr.
ID / ИД Заказа
№

Эко Командир
Complaints and suggestions / Жалобы и предложения

Группа компаний «Эко такси»
г. Алматы, пр. Гагарина, 236 б
Call center : +7 (727) 3900 500
Mobile : +7 777 672 77 77
on-line : www.ecotaxi.kz
e-mail : info@ecotaxi.kz

№	Route / Маршрут	Boarding / Время посадки	Landing / Время высадки
1			
2			
3			
4			
5			
6	Сумма	10.000.00	

Данная квитанция выдается только в официальных автомобилях с логотипами компании



Driver's Name / Ф.И.О. водителя
Company / Компания
Ticket acceptable only at official cars with logos
Приглашение для выдачи такси ECO TAXI
Cab driver's signature / Подпись водителя / Позывной и № авто
Client's Surname, Name & Signature / Ф.И.О. клиента, подпись

part of $189.59 taxi expense

TD002 Travel 14 a

RAHAT PALACE № 000132

LOW

(b)(6)

part of $189.59 taxi expense

RAHAT PALACE № 000133

LOW

(b)(6)

part of $189.59 taxi expense

TD 002 Travel 146



TAXI CASH PAYMENT RECEIPT

Date (дата) 1.07.2014

Kind of service (вид услуги):	Amount due (к оплате) 3000
1. Гамаш Палас	1.
2.	2.
3. по городу	3.
	Total amount (всего): 3000

"TAXI SERVICE"

Driver*s name (водитель) [illegible]

Driver*s signature (подпись водителя) [illegible]

Attention! This receipt is valid, if the color of the stamp is blue

Внимание! Чек действителен, если цвет штампа синий

ОПЛАЧ

part of $189.59 taxi expense

TO 002 Travel 14 C

NTERCONTINENTAL
LMATY
HE ANKARA N KAZAKHSTAN

Date: 03 07
Дата:

Name:
Имя:

CELLANEOUS CHARGE
ЕШАННАЯ ОПЛАТА

Room No:
№ Комнаты

№ 108111

Reason/Причина	Amount (TENGE) Сумма (тенге)	Description/Описание
Total/Итого	6900	(b)(6)

ROP OFF

ь не является собственником такси и не ответственность за неудобства, связанные с предоставлением данной услуги. Вызов такси и оплата за услуги
зводится непосредственно в отеле.

ervice can be reserved and paid at the hotel, however as it is provided by third parties hotel management shall not be responsible for any future charged by taxi service providers

part of $189.59 taxi expense

Date / Дата
/ /
d/д m/м y/г

ID / ИД Заказа
№

Эко Командир КОМАНДИР ТАКСИ

Complaints and suggestions / Жалобы и предложения - 5 2 6

Группа компаний такси «Командир», «Эко Такси»
г. Алматы, пр. Гагарина, 236 б
Call center +7 (727) 3 900 500
Mobile: +7 777 672 77 77
on-line: www.komandir.kz
E-mail: info@komandir.kz

N	Route / Маршрут	Estimated time/ Предварительная заказ	Boarding / Время посадки	Landing / Время высадки
1		:	:	:
2		:	:	:
3		:	:	:
	Остановки / Stops	:	:	
4		:	:	
5		:	:	

Данная компания выдается только в официальных автомобилях с логотипами компании



Ticket acceptable only at official cars with logos

(b)(6)
Driver's Name / Ф.И.О. водителя

Company / Компания

(b)(6)
Cab driver's signature / Подпись водителя / Позывной и № авто

Client's Surname, Name & Signature / Ф.И.О. клиента, подпись

Приложение для вызова такси KOMANDIR.KZ

CONFORT
SCD. SH 748 D
TRIP NO
START 04
END 04
DISTANCE
METER FARE $
CHANGE
TOTAL FARE $
AMOUNT PAID

TD 002 Travel 14D

TRIP N
START
END
DISTANCE

METER FARE
ABU BOOKING
PEAK HOUR
LATE NIGHT
TOTAL FARE

AMOUNT PAID

USD $21.75

TRIP No
START
END
DISTANCE

METER
EXTRA
TOTAL FARE

AMOUNT PAID

USD $9.49

Date / Дата

Эко Командир

Complaint and suggestions / Жалобы и предложения

Route / Маршрут

Driver's Name / ФИО водителя

Company / Компания

Call driver's signature / Подпись водителя Позывной и № авто

Client's Surname, Name & Signature ФИО клиента, подпись

TAXI acceptable only at official cars with logos

USD $217.96

TD 002 Travel 1-1C

Printable Version

ETICKET RECEIPT IS ATTACHED
******** PLEASE REVIEW YOUR ITINERARY CAREFULLY********
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YENQVO
Invoice No.:	69764~69768	**Agent:**	Marti Wallace
Issue Date:	Tuesday July 21 2015	**Customer:**	MBA
Billing:	METABIOTA INC ONE SUTTER SUITE 600 SAN FRANCISCO CA 94104		

• If you would like to view your reservation online Click Here

• For Aircraft Disinsection Requirements Click Here

AIR - Wednesday September 9 2015

Air China Flight CA976 Economy Class

Check In Confirmation: MT3DB6

Depart:	9:35 AM, Wednesday, September 9 Changi Airport-Terminal 1 Singapore Singapore	**Arrive:**	3:30 PM Wednesday, September 9 Capital Airport-Terminal 3 Beijing China
Status:	Confirmed		
Booking Code:	V Economy		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	5 hours 55 minutes	**Seat:**	40C (Non smoking, Aisle) Confirmed
Meal:	Meal		
Remarks:	Not eligible for web check in		

Weather, Flight Status (up to 3 days prior)

AIR - Wednesday September 9 2015

Hainan Airlines Flight HU7933 Economy Class

Check In Confirmation: MT3DB6

Depart:	7:10 PM, Wednesday, September 9 Capital Airport-Terminal 2 Beijing China	**Arrive:**	10:30 PM Wednesday, September 9 Almaty Airport Almaty, Kazakhstan
Status:	Confirmed		
Booking Code:	L Economy		
Equipment:	Boeing 737-800	**Stops:**	Non-stop
Duration:	5 hours 20 minutes	**Seat:**	35C (Non smoking Aisle) Confirmed
Meal:	Dinner		
Remarks:	Not eligible for web check in		

Weather, Flight Status (up to 3 days prior)

AIR - Saturday September 19 2015

TO 002 Travel 15A

Air Astana Flight KC909 Economy Class

Check In Confirmation: YENQVO

Depart:	1:50 AM, Saturday, September 19 Almaty Airport Almaty, Kazakhstan	**Arrive:**	10:30 AM, Saturday, September 19 Incheon Intl Airport Seoul, Korea
Status:	Confirmed		
Booking Code:	T [illegible]		
Equipment:	Boeing 767	**Stops:**	Non-stop
Duration:	5 hours 40 minutes	**Seat:**	13C (Non smoking, Aisle) Confirmed
Meal:	Meal		
Remarks:	Not eligible for web check in		

• Weather • Flight Status [illegible]

AIR - Saturday September 19 2015

Asiana Airlines Flight OZ751 Economy Class

Check In Confirmation: YENQVO

Depart:	4:10 PM, Saturday, September 19 Incheon Intl Airport Seoul, Korea	**Arrive:**	9:30 PM, Saturday, September 19 Changi Airport-Terminal 3 Singapore, Singapore
Status:	Confirmed		
Booking Code:	S [illegible]		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	6 hours 20 minutes	**Seat:**	23D (Non smoking, Aisle) Confirmed
Meal:	Snack or Brunch		
Remarks:	Not eligible for web check in		

• Weather • Flight Status [illegible] • Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Air China / 999 7627418380		724.00	192.60	916.60
	Form of Payment: AX XXXXXXXXXXXX1055			
Air Astana / 465 7627418391		588.00	99.57	687.57
	Form of Payment: AX XXXXXXXXXXXX1055			
Processing Fee / 890 0658521053		43.00		43.00
	Form of Payment: AX XXXXXXXXXXXX1055			
	Totals:	1355.00	292.17	USD 1647.17

Total Charged to Credit Card: USD 1647.17

Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage charges may apply. Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the airline's website or contact the airline directly for details

- Air China or call 1-800-986-1985
- Asiana Airlines or call 1-800-227-4262
- We don't have a link to the airline website for Hainan Airlines, Air Astana. Please go to http://www.kls2.com/airlines/ and click on the website of the airline which you are travelling

Important Information

• Your reservation number with Air China is MT3DB6

TD 002 Travel 15 B

Printable Version

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Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone (301) 948-2448

METABOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YENTCX
Invoice No.:	69773~69774	**Agent:**	Marti Wallace
Issue Date:	Tuesday, July 21, 2015	**Customer:**	MBA
Billing:	METABIOTA INC ONE SUTTER SUITE 600 SAN FRANCISCO CA 94104		

- If you would like to view your reservation online, Click Here
- For Aircraft Disinsection Requirements, Click Here

AIR - Saturday September 12 2015

Air China Flight CA976 Economy Class

Check In Confirmation: MFGMKY

Depart:	9:30 AM, Saturday, September 12 Changi Airport-Terminal 1 Singapore, Singapore	**Arrive:**	3:30 PM, Saturday, September 12 Capital Airport-Terminal 3 Beijing, China
Status:	Confirmed		
Booking Code:	V [illegible]		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	6 hours 0 minutes	**Seat:**	46C (Non smoking, Aisle) Confirmed
Meal:	Meal		
Remarks:	Not eligible for web check in		

•Weather •Flight Status (up to 3 days prior)

AIR - Saturday September 12 2015

Hainan Airlines Flight HU7933 Economy Class

Check In Confirmation: MFGMKY

Depart:	7:10 PM, Saturday, September 12 Capital Airport-Terminal 2 Beijing, China	**Arrive:**	10:30 PM, Saturday, September 12 Almaty Airport Almaty, Kazakhstan
Status:	Confirmed		
Booking Code:	L [illegible]		
Equipment:	Boeing 737-800	**Stops:**	Non-stop
Duration:	5 hours 20 minutes	**Seat:**	37C (Non smoking, Aisle) Confirmed
Meal:	Dinner		
Remarks:	Not eligible for web check in		

•Weather •Flight Status (up to 3 days prior)

AIR - Saturday September 19 2015

TD 002 Travel 16a

Air Astana Flight KC909 Economy Class

Check In Confirmation: YENTCX

Depart:	1 50 AM. Saturday September 19 Almaty Airport Almaty Kazakhstan	**Arrive:**	10:30 AM. Saturday September 19 Incheon Intl Airport Seoul, Korea
Status:	Confirmed		
Booking Code:	T [illegible]		
Equipment:	Boeing 767	**Stops:**	Non-stop
Duration:	5 hours 40 minutes	**Seat:**	14D (Non smoking. Aisle) Confirmed
Meal:	Meal		
Remarks:	Not eligible for web check in		

• Weather • Flight Status [illegible]

AIR - Saturday September 19 2015

Asiana Airlines Flight OZ751 Economy Class

Check In Confirmation: YENTCX

Depart:	4 10 PM. Saturday September 19 Incheon Intl Airport Seoul Korea	**Arrive:**	9 30 PM Saturday September 19 Changi Airport-Terminal 3 Singapore Singapore
Status:	Confirmed		
Booking Code:	S [illegible]		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	6 hours 20 minutes	**Seat:**	27B (Non smoking Aisle) Confirmed
Meal:	Snack or Brunch		
Remarks:	Not eligible for web check in		

• Weather • Flight Status [illegible] • Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Air China / 999 7627418396		724 00	192 60	916.60
	Form of Payment AX [illegible]			
Air Astana / 465 7627418397		588 00	99 57	687.57
	Form of Payment [illegible]			
Processing Fee / 890 0658521056		43 00		43.00
	Form of Payment [illegible]			
	Totals:	1355 00	292 17	USD 1647 17

Total Charged to Credit Card: USD 1647 17

Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage charges may apply Baggage allowance, specific size and weight restrictions vary between airlines Please visit the airline's website or contact the airline directly for details

- Air China or call 1-800-986-1985
- Asiana Airlines or call 1-800-227-4262
- We don't have a link to the airline website for Hainan Airlines, Air Astana Please go to http://www.kls2.com/airlines/ and click on the website of the airline which you are travelling

Important Information

• Your reservation number with Air China is MFGMKY.

TD 002 Travel 16B

Printable Version

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******** PLEASE REVIEW YOUR ITINERARY CAREFULLY*******
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

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Kentlands Travel

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60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YENSVG
Invoice No.:	69771~69772	**Agent:**	Marti Wallace
Issue Date:	Tuesday, July 21, 2015	**Customer:**	MBA
Billing:	METABIOTA INC ONE SUTTER SUITE 600 SAN FRANCISCO CA 94104		

- If you would like to view your reservation online Click Here
- For Aircraft Disinsection Requirements Click Here

AIR - Saturday September 12 2015

Air China Flight CA976 Economy Class

Check In Confirmation: NLJ8CE

Depart:	9:30 AM, Saturday, September 12 Changi Airport-Terminal 1 Singapore, Singapore	**Arrive:**	3:30 PM, Saturday, September 12 Capital Airport-Terminal 3 Beijing, China
Status:	Confirmed		
Booking Code:	V [illegible]		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	6 hours 0 minutes	**Seat:**	46D (Non smoking, Aisle) Confirmed
Meal:	Meal		
Remarks:	Not eligible for web check in		

Weather Flight Status (up to 3 days prior)

AIR - Saturday September 12 2015

Hainan Airlines Flight HU7933 Economy Class

Check In Confirmation: NLJ8CE

Depart:	7:10 PM, Saturday, September 12 Capital Airport-Terminal 2 Beijing, China	**Arrive:**	10:30 PM, Saturday, September 12 Almaty Airport Almaty, Kazakhstan
Status:	Confirmed		
Booking Code:	L [illegible]		
Equipment:	Boeing 737-800	**Stops:**	Non-stop
Duration:	5 hours 20 minutes	**Seat:**	36C (Non smoking, Aisle) Confirmed
Meal:	Dinner		
Remarks:	Not eligible for web check in		

Weather Flight Status (up to 3 days prior)

AIR - Saturday September 19 2015

TD 002 Travel 17a

× **Air Astana Flight KC909 Economy Class**

Check In Confirmation: YENSVG

Depart:	1:50 AM, Saturday, September 19 Almaty Airport Almaty, Kazakhstan	**Arrive:**	10:30 AM, Saturday, September 19 Incheon Intl Airport Seoul, Korea
Status:	Confirmed		
Booking Code:	T [redacted]		
Equipment:	Boeing 767	**Stops:**	Non-stop
Duration:	5 hours 40 minutes	**Seat:**	14C (Non smoking, Aisle) Confirmed
Meal:	Meal		
Remarks:	Not eligible for web check in		

[redacted]

AIR - Saturday, September 19, 2015

Asiana Airlines Flight OZ751 Economy Class

Check In Confirmation: YENSVG

Depart:	4:10 PM, Saturday, September 19 Incheon Intl Airport Seoul, Korea	**Arrive:**	9:30 PM, Saturday, September 19 Changi Airport-Terminal 3 Singapore, Singapore
Status:	Confirmed		
Booking Code:	S [redacted]		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	6 hours 20 minutes	**Seat:**	26D (Non smoking, Aisle) Confirmed
Meal:	Snack or Brunch		
Remarks:	Not eligible for web check in		

[redacted]

Invoice Details

Transaction / Document		Base	Tax	Total
Air China / 999 7627418394		724.00	192.60	916.60
	Form of Payment	(b)(4); (b)(6)		
Air Astana / 465 7627418395		588.00	99.57	687.57
	Form of Payment	(b)(4); (b)(6)		
Processing Fee / 890 0658521055		43.00		43.00
	Form of Payment	(b)(4); (b)(6)		
	Totals:	1355.00	292.17	USD 1647.17

Total Charged to Credit Card: USD 1647.17

Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non-refundable and non-transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage charges may apply. Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the airline's website or contact the airline directly for details

- Air China or call 1-800-986-1985
- Asiana Airlines or call 1-800-227-4262
- We don't have a link to the airline website for Hainan Airlines, Air Astana. Please go to http://www.kls2.com/airlines/ and click on the website of the airline which you are travelling.

Important Information

• Your reservation number with Air China is NLJ8CE

TD002 Travel 17B

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Gaithersburg, MD 20878
Phone: (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	YENQIQ
Invoice No.:	69769~69770	**Agent:**	Marti Wallace
Issue Date:	Tuesday, July 21, 2015	**Customer:**	MBA
Billing:	METABIOTA INC ONE SUTTER SUITE 600 SAN FRANCISCO CA 94104		

- If you would like to view your reservation online Click Here
- For Aircraft Disinsection Requirements Click Here

AIR - Wednesday September 9 2015

Air China Flight CA976 Economy Class

Check In Confirmation: NZ889E

Depart:	9:35 AM, Wednesday, September 9 Changi Airport-Terminal 1 Singapore, Singapore	**Arrive:**	3:30 PM, Wednesday, September 9 Capital Airport-Terminal 3 Beijing, China
Status:	Confirmed		
Booking Code:	V Economy		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	5 hours 55 minutes	**Seat:**	41D (Non smoking, Aisle) Confirmed
Meal:	Meal		
Remarks:	Not eligible for web check in		

Weather Flight Status (up to 3 days prior)

AIR - Wednesday September 9 2015

Hainan Airlines Flight HU7933 Economy Class

Check In Confirmation: NZ889E

Depart:	7:10 PM, Wednesday, September 9 Capital Airport-Terminal 2 Beijing, China	**Arrive:**	10:30 PM, Wednesday, September 9 Almaty Airport Almaty, Kazakhstan
Status:	Confirmed		
Booking Code:	L Economy		
Equipment:	Boeing 737-800	**Stops:**	Non-stop
Duration:	5 hours 20 minutes	**Seat:**	36C (Non smoking, Aisle) Confirmed
Meal:	Dinner		
Remarks:	Not eligible for web check in		

Weather Flight Status (up to 3 days prior)

AIR - Saturday September 19 2015

TD 002 Travel 18a

× **Air Astana Flight KC909 Economy Class**

Check In Confirmation: YENQIQ

Depart:	1 50 AM, Saturday September 19 Almaty Airport Almaty, Kazakhstan	**Arrive:**	10:30 AM, Saturday, September 19 Incheon Intl Airport Seoul, Korea
Status:	Confirmed		
Booking Code:	T [illegible]		
Equipment:	Boeing 767	**Stops:**	Non-stop
Duration:	5 hours 40 minutes	**Seat:**	13D (Non smoking Aisle) Confirmed
Meal:	Meal		
Remarks:	Not eligible for web check in		

Weather, Flight Status [illegible]

AIR - Saturday September 19 2015

Asiana Airlines Flight OZ751 Economy Class

Check In Confirmation: YENQIQ

Depart:	4 10 PM, Saturday, September 19 Incheon Intl Airport Seoul Korea	**Arrive:**	9 30 PM, Saturday September 19 Changi Airport-Terminal 3 Singapore, Singapore
Status:	Confirmed		
Booking Code:	S [illegible]		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	6 hours 20 minutes	**Seat:**	26B (Non smoking Aisle) Confirmed
Meal:	Snack or Brunch		
Remarks:	Not eligible for web check in		

Weather, Flight Status [illegible] Dining Reservations

Invoice Details

Transaction / Document		Base	Tax	Total
Air China / 999 7627418392		724 00	192 60	916 60
	Form of Payment	(b)(4)(b)(6)		
Air Astana / 465 7627418393		588 00	99 57	687.57
	Form of Payment	(b)(4)(b)(6)		
Processing Fee / 890 0658521054		43 00		43 00
	Form of Payment	(b)(4)(b)(6)		
	Totals:	1355 00	292 17	USD 1647 17

Total Charged to Credit Card: USD 1647.17

Balance Due: USD 0 00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

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- Asiana Airlines or call 1-800-227-4262
- We don't have a link to the airline website for Hainan Airlines, Air Astana Please go to http://www.kls2.com/airlines/ and click on the website of the airline which you are travelling

Important Information

• Your reservation number with Air China is NZ889E.

TD 002 Travel · 18B

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Gaithersburg MD 20878
Phone (301) 948-2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	6VZEZ5
Invoice No.:	68648-68649-68650-68651	**Agent:**	Anthony Mavrogiannis
Issue Date:	Friday June 5, 2015	**Customer:**	MBA
Billing:	METABIOTA INC ONE SUTTER SUITE 600 SAN FRANCISCO CA 94104		

• If you would like to view your reservation online Click Here

• For Aircraft Disinsection Requirements Click Here

AIR - Friday June 26 2015

Singapore Airlines Flight SQ106 Economy Class

Check In Confirmation:
6VZEZ5 *(*48 Hours Prior)*

Depart:	8 30 AM Friday June 26 Changi Airport-Terminal 2 Singapore Singapore	**Arrive:**	9 30 AM Friday June 26 Kuala Lumpur Intl Arpt Terminal M Kuala Lumpur Malaysia
Status:	Confirmed		
Booking Code:	Y		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non stop
Duration:	1 hours 0 minutes		
Seat:	41F (Non smoking Aisle) Confirmed 41G (Non smoking Aisle) Confirmed (b)(6)		
Meal:	Meal		

AIR - Friday June 26 2015

X **Air Astana Flight KC936 Economy Class**

Check In Confirmation:
6VZEZ5

Depart:	10:55 AM Friday June 26 Kuala Lumpur Intl Arpt Terminal M Kuala Lumpur Malaysia	**Arrive:**	4 55 PM Friday June 26 Almaty Airport Almaty Kazakhstan
Status:	Confirmed		
Booking Code:	K		
Equipment:	Boeing 757	**Stops:**	Non-stop
Duration:	8 hours 0 minutes		
Seat:	31J (Non smoking Aisle) Confirmed 31K (Non smoking Aisle) Confirmed (b)(6)		
Meal:	Meal		
Remarks:	Not eligible for web check in		

TD002Travel 19A

AIR - Sunday, July 5, 2015

Etihad Airways Flight EY297 Economy Class

Check In Confirmation: PJLXZN

Depart:	5:25 PM Sunday, July 5 Almaty Airport Almaty, Kazakhstan	**Arrive:**	8:25 PM Sunday, July 5 Abu Dhabi Intl. Airport Terminal 3 Abu Dhabi, United Arab Emirates
Status:	Confirmed		
Booking Code:	L		
Equipment:	Airbus Industrie A320	**Stops:**	Non-stop
Duration:	5 hours 0 minutes		
Seat:	08E (Non smoking, Aisle) Confirmed 08F (Non smoking, Aisle) Confirmed		
Meal:	Meal		

AIR - Sunday, July 5, 2015

Etihad Airways Flight EY470 Economy Class

Check In Confirmation: PJLXZN

Depart:	10:00 PM Sunday, July 5 Abu Dhabi Intl. Airport-Terminal 3 Abu Dhabi, United Arab Emirates	**Arrive:**	10:15 AM Monday, July 6 Changi Airport-Terminal 2 Singapore, Singapore
Status:	Confirmed		
Booking Code:	L		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	8 hours 15 minutes		
Seat:	20E (Non smoking, Aisle) Confirmed 20F (Non smoking, Aisle) Confirmed		
Meal:	Meal		

Invoice Details

Transaction / Document	Base	Tax	Total
Singapore Airlines / 618 7623303556	906.00	136.26	1042.26
Form of Payment			
Singapore Airlines / 618 7623303557	906.00	136.26	1042.26
Form of Payment			
Etihad Airways / 607 7623303558	514.00	117.87	631.87
Form of Payment			
Etihad Airways / 607 7623303559	514.00	117.87	631.87
Form of Payment			
Processing Fee / 890 0658240329	43.00		43.00
Form of Payment			
Processing Fee / 890 0658240330	43.00		43.00
Form of Payment			
Totals:	2926.00	508.26	USD 3434.26

Total Charged to Credit Card: USD 3434.26

TD 002 Travel 19

Printable Version

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Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street Suite 203
Gaithersburg MD 20878
Phone (301) 948 2448

METABIOTA@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	6V2K6B
Invoice No.:	68652~68653	**Agent:**	Anthony Mavrogiannis
Issue Date:	Friday June 5 2015	**Customer:**	MBA
Billing:	METABIOTA INC ONE SUTTER SUITE 600 SAN FRANCISCO CA 94104		

• If you would like to view your reservation online Click Here

• For Aircraft Disinsection Requirements Click Here

AIR - Friday June 26 2015

Singapore Airlines Flight SQ106 Economy Class

Check In Confirmation: 6V2K6B *(*48 Hours Prior)*

Depart:	8 30 AM Friday June 26 Changi Airport-Terminal 2 Singapore Singapore	**Arrive:**	9 30 AM Friday, June 26 Kuala Lumpur Intl Arpt Terminal M Kuala Lumpur Malaysia
Status:	Confirmed		
Booking Code:	Y[illegible]		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	1 hours 0 minutes	**Seat:**	41H (Non smoking Aisle) Confirmed
Meal:	Meal		

• Weather • Flight Status (up to 3 days prior) • Dining Reservations

AIR - Friday June 26 2015

X **Air Astana Flight KC936 Economy Class**

Check In Confirmation: 6V2K6B

Depart:	10 55 AM Friday June 26 Kuala Lumpur Intl Arpt Terminal M Kuala Lumpur Malaysia	**Arrive:**	4 55 PM Friday June 26 Almaty Airport Almaty Kazakhstan
Status:	Confirmed		
Booking Code:	K[illegible]		
Equipment:	Boeing 757	**Stops:**	Non stop
Duration:	8 hours 0 minutes	**Seat:**	17H (Non smoking Aisle) Confirmed
Meal:	Meal		
Remarks:	Not eligible for web check in		

• Weather • Flight Status (up to 3 days prior)

AIR - Sunday July 5 2015

TD 002 Travel 20A

Etihad Airways Flight EY297 Economy Class

Check In Confirmation: QHCZXF

Depart:	5 25 PM Sunday July 5 Almaty Airport Almaty Kazakhstan	**Arrive:**	8 25 PM Sunday July 5 Abu Dhabi Intl Airport-Terminal 3 Abu Dhabi United Arab Emirates
Status:	Confirmed		
Booking Code:	L		
Equipment:	Airbus Industrie A320	**Stops:**	Non-stop
Duration:	5 hours 0 minutes	**Seat:**	08C (Non smoking Aisle) Confirmed
Meal:	Meal		

Air - Sunday, July 5 2015

Etihad Airways Flight EY470 Economy Class

Check In Confirmation: QHCZXF

Depart:	10 00 PM Sunday July 5 Abu Dhabi Intl Airport Terminal 3 Abu Dhabi United Arab Emirates	**Arrive:**	10 15 AM Monday July 6 Changi Airport-Terminal 2 Singapore Singapore
Status:	Confirmed		
Booking Code:	L		
Equipment:	Airbus Industrie A330 300	**Stops:**	Non-stop
Duration:	8 hours 15 minutes	**Seat:**	21D (Non smoking Aisle) Confirmed
Meal:	Meal		

Invoice Details

Transaction / Document		Base	Tax	Total
Singapore Airlines / 618 7623303560		906 00	136 26	1042 26
	Form of Payment	(b)(4); (b)(6)		
Etihad Airways / 607 7623303561		514 00	117 87	631 87
	Form of Payment	(b)(4); (b)(6)		
Processing Fee / 890 0658240331		43 00		43 00
	Form of Payment	(b)(4); (b)(6)		
	Totals:	1463 00	254 13	USD 1717 13

Total Charged to Credit Card: USD 1717 13

Balance Due: USD 0 00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage charges may apply Baggage allowance specific size and weight restrictions vary between airlines Please visit the airline's website or contact the airline directly for details

- Singapore Airlines or call CA~1-800-663 3046 US~1 800-742-3333
- Etihad Airways
- We don't have a link to the airline website for Air Astana Please go to http://www.kls2.com/airlines/ and click on the website of the airline which you are travelling

Important Information

• Your reservation number with Singapore Airlines is 6V2K6B

• Your reservation number with air astana is 6V2K6B

TD 002 Travel 20 B

Subject: June invoice 5 - Lee
Date: Thursday, July 23, 2015 at 11:59:55 AM Pacific Daylight Time
From:
To: (b)(6)

Sent from my iPhone

Begin forwarded message:

From: <METABIOTA@UNIGLOBEKENTLANDS.COM>
Date: June 12, 2015 at 10:59:40 PM EDT
To: <(b)(6)>, <metabiota@uniglobekentlands.com>, <invoices@uniglobekentlands.com>
Subject: (b)(6) **Ticket/Invoice #68654~68655, Agency File No.: 637ER4 Departs 26JUN15 To: Almaty, Tkt: 618-7623303562**

Printable Version

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448
METABIOTA@UNIGLOBEKENTLANDS.COM

ETICKET RECEIPT IS ATTACHED
PLEASE REVIEW YOUR ITINERARY CAREFULLY
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER

Passenger(s): (b)(6)
Booking Ref.: 637ER4
Invoice No.: 68654~68655
Agent: (b)(6)
Issue Date: Friday, June 5, 2015
Customer: MBA
Billing: METABIOTA INC
ONE SUTTER
SUITE 600
SAN FRANCISCO CA
94104

- If you would like to view your reservation online: Click Here
- For Aircraft Disinsection Requirements: Click Here

Singapore Airlines Flight SQ106 Economy Class

Check In Confirmation: 637ER4 (*48 Hours Prior)

Depart:	8:30 AM, Friday, June 26 Changi Airport-Terminal 2	**Arrive:**	9:30 AM, Friday, June 26 Kuala Lumpur Intl Arpt.

TD002 Travel 21A

Equipment:	Airbus Industrie A320	**Stops:**	Non-stop
Duration:	5 hours 0 minutes	**Seat:**	11C (Non smoking, Aisle) Confirmed
Meal:	Meal		

• [redacted] • [redacted]

Etihad Airways Flight EY470 Economy Class

Check In Confirmation: ADIFIG

Depart:	10:00 PM, Sunday, July 5 Abu Dhabi Intl Airport-Terminal 3 Abu Dhabi, United Arab Emirates	**Arrive:**	10:15 AM, Monday, July 6 Changi Airport-Terminal 2 Singapore, Singapore
Status:	Confirmed		
Booking Code:	L [redacted]		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	8 hours 15 minutes	**Seat:**	22C (Non smoking, Aisle) Confirmed
Meal:	Meal		

• [redacted] • [redacted] • [redacted]

Transaction / Document	**Base**	**Tax**	**Total**
Singapore Airlines / 618 7623303562	906.00	136.26	1042.26
Form of Payment	(b)(4);(b)(6)		
Etihad Airways / 607 7623303563	514.00	117.87	631.87
Form of Payment	(b)(4);(b)(6)		
Totals:	1420.00	254.13	USD 1674.13

Total Charged to Credit Card: USD 1674.13

Balance Due: USD 0.00

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

TD 002 Attach 21B

Printable Version

ETICKET RECEIPT IS ATTACHED
PLEASE REVIEW YOUR ITINERARY CAREFULLY**
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY
OF THE TRAVELER

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street Suite 203
Gaithersburg MD 20878
Phone (301) 948 2448

[redacted]@UNIGLOBEKENTLANDS.COM

Passenger(s):	(b)(6)	**Booking Ref.:**	7D2UGL
Invoice No.:	68815~68816	**Agent:**	Anthony Mavrogiannis
Issue Date:	Thursday June 11 2015	**Customer:**	MBA
Billing:	METABIOTA INC ONE SUTTER SUITE 600 SAN FRANCISCO CA 94104		

• If you would like to view your reservation online Click Here

• For Aircraft Disinsection Requirements Click Here

AIR - Friday June 26 2015

Singapore Airlines Flight SQ106 Economy Class

Check In Confirmation:
7D2UGL *(*48 Hours Prior)*

Depart:	8 30 AM Friday June 26 Changi Airport-Terminal 2 Singapore Singapore	**Arrive:**	9 30 AM Friday June 26 Kuala Lumpur Intl Arpt Terminal M Kuala Lumpur Malaysia
Status:	Confirmed		
Booking Code:	[illegible]		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	1 hours 0 minutes	**Seat:**	41C (Non smoking Aisle) Confirmed
Meal:	Meal		

[illegible]

AIR - Friday June 26 2015

X **Air Astana Flight KC936 Economy Class**

Check In Confirmation:
7D2UGL

Depart:	10 55 AM Friday June 26 Kuala Lumpur Intl Arpt Terminal M Kuala Lumpur Malaysia	**Arrive:**	4 55 PM Friday June 26 Almaty Airport Almaty Kazakhstan
Status:	Confirmed		
Booking Code:	K [illegible]		
Equipment:	Boeing 757	**Stops:**	Non-stop
Duration:	8 hours 0 minutes	**Seat:**	31H (Non smoking Aisle) Confirmed
Meal:	Meal		
Remarks:	Not eligible for web check in		

• Weather • Flight Status *(up to 3 days prior)*

AIR - Sunday July 5 2015

TD 002 Travel 22A

Etihad Airways Flight EY297 Economy Class

Check In Confirmation: KWUIYX

Depart:	5 25 PM Sunday July 5 Almaty Airport Almaty Kazakhstan	**Arrive:**	8 25 PM Sunday July 5 Abu Dhabi Intl Airport-Terminal 3 Abu Dhabi United Arab Emirates
Status:	Confirmed		
Booking Code:	L		
Equipment:	Airbus Industrie A320	**Stops:**	Non-stop
Duration:	5 hours 0 minutes	**Seat:**	08D (Non smoking Aisle) Confirmed
Meal:	Meal		

• Wi-fi • [illegible]

Air-Sunday July 5 2015

Etihad Airways Flight EY470 Economy Class

Check In Confirmation: KWUIYX

Depart:	10 00 PM Sunday July 5 Abu Dhabi Intl Airport-Terminal 3 Abu Dhabi United Arab Emirates	**Arrive:**	10 15 AM Monday July 6 Changi Airport-Terminal 2 Singapore Singapore
Status:	Confirmed		
Booking Code:	L		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	8 hours 15 minutes	**Seat:**	20G (Non smoking Aisle) Confirmed
Meal:	Meal		

• Wi-fi • [illegible] • Entertainment

Invoice Details

Transaction / Document		Base	Tax	Total
Singapore Airlines / 618 7623303719		902 00	136 13	1038 13
	Form of Payment	(b)(4) (b)(6)		
Etihad Airways / 607 7623303720		514 00	117 89	631 89
	Form of Payment	(b)(4) (b)(6)		
Processing Fee / 890 0658282330		43 00		43 00
	Form of Payment	(b)(4) (b)(6)		
	Totals:	1459 00	254 02	USD 1713 02

Total Charged to Credit Card: USD 1713 02

Balance Due: USD 0 00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage charges may apply Baggage allowance specific size and weight restrictions vary between airlines Please visit the airline's website or contact the airline directly for details

- Singapore Airlines or call CA~1-800 663 3046 US~1-800 742-3333
- Etihad Airways
- We don't have a link to the airline website for Air Astana Please go to http://www.kls2.com/airlines/ and click on the website of the airline which you are travelling

Important Information

• Your reservation number with Singapore Airlines is 7D2UGL

• Your reservation number with air astana is 7D2UGL

D002 Travel 22B

1.

Receipt for $50. change fee

ITINERARY & RECEIPT

YOUR TRIP: LAX DCA
CONFIRMATION: JKCWZX

ITINERARY	DATES

WHO'S FLYING?

GUEST(S)	TICKET NUMBER	FREQUENT FLIER PROGRAM	FREQUENT FLIER #	POINTS
(b)(6)				

DEPARTING FLIGHT 878

		DATE	CABIN
		Mon	Main Cabin
12:25 PM	9:59 PM	06 22 2015	

GUESTS	DEPARTING SEAT
(b)(6)	Not Selected

TO 002 Travel 23 A

PAYMENT INFORMATION

BILLING ADDRESS

(b)(6)

TRANSACTION SUMMARY

Original Transaction, Jun 22, 2015	[illegible]

PRICE DETAILS

Base Fare (x1)	$434.42
Federal Excise Tax	$32.[illegible]

Domestic Taxes and Fees

Segment Fee	$4.00
Passenger Facility Charge	$4.50
September 11th Security Fee	$5.50

Total for 1 person	$481.10

Charging $50 change fee

(b)(6)

Printable Version

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: 301) 948-2448

N

Passenger(s):	(b)(6)	**Booking Ref.:**	637A8I
Invoice No.:	68794	**Agent:**	Anthony Mavrogiannis
Issue Date:	Wednesday, June 10, 2015	**Customer:**	MBA
Billing:	METABIOTA INC ONE SUTTER SUITE 600 SAN FRANCISCO CA 94104		

• If you would like to view your reservation online,

• For Aircraft Disinsection Requirements:

AIR - Wednesday, June 24, 2015

United Airlines Flight UA932 Economy Class

Check In Confirmation
I3M2B4 *(*24 Hours Prior)*

Depart:	10:00 PM, Wednesday, June 24 Dulles Intl Airport Washington, Dist. of Columbia, USA	**Arrive:**	12:00 PM, Thursday, June 25 Frankfurt Intl. Airport-Terminal 1 Frankfurt, Germany
Status:	Confirmed		
Booking Code:	L (Ec		
Equipment:	Boeing 777	**Stops:**	Non-stop
Duration:	8 hours 0 minutes	**Seat:**	43D (Non smoking) Confirmed
FF Number:	UAHTH31263	**Meal:**	Dinner

AIR - Thursday, June 25, 2015

United Airlines Flight UA9116 Economy Class
Operated By Lufthansa
*(Check In With Lufthansa at 11648)**

Check In Confirmation:
I3M2B4

Depart:	1:25 PM, Thursday, June 25 Frankfurt Intl. Airport-Terminal 1 Frankfurt, Germany	**Arrive:**	11:55 PM, Thursday, June 25 Almaty Airport Almaty, Kazakhstan
Status:	Confirmed		
Booking Code:	L (Economy)		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	6 hours 30 minutes	**Seat:**	Assigned At Check-In
FF Number:	UAHTH31263	**Meal:**	Cold Meal
Remarks:	Seat assigned at check-in		

AIR - Sunday, July 5, 2015

United Airlines Flight UA9117 Economy Class

Check In Confirmation:

TD002 Travel 24A

Operated By Lufthansa

Depart:	3:55 AM, Sunday, July 5 Almaty Airport Almaty, Kazakhstan	**Arrive:**	7:00 AM, Sunday, July 5 Frankfurt Intl Airport-Terminal 1 Frankfurt, Germany
Status:	Confirmed		
Booking Code:	Q		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	7 hours 5 minutes	**Seat:**	31D (Non smoking Aisle) Confirmed
FF Number:	UAHTH31263	**Meal:**	Cold Meal

AIR - Sunday July 5 2015

United Airlines Flight UA8832 Economy Class
Operated By Lufthansa

Check In Confirmation:

Depart:	10:45 AM, Sunday, July 5 Frankfurt Intl Airport-Terminal 1 Frankfurt, Germany	**Arrive:**	1:25 PM, Sunday, July 5 Dulles Intl Airport Washington, Dist of Columbia USA
Status:	Confirmed		
Booking Code:	Q		
Equipment:	Boeing 747-400	**Stops:**	Non stop
Duration:	8 hours 40 minutes	**Seat:**	38H (Non smoking Aisle) Confirmed
FF Number:	UAHTH31263	**Meal:**	Meal

Invoice Details

Transaction / Document		Base	Tax	Total
United Airlines - 016 7623303688		1258 00	608 90	1866 90
	Form of Payment:	(6)(4)(6)(6)		
Processing Fee - 890 0658267944		43 00		43 00
	Form of Payment:	(6)(4)(6)(6)		
	Totals:	1301 00	608 90	USD 1909 90

Total Charged to Credit Card USD 1909 90
Balance Due: USD 0 00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip

Important Information

• Your reservation number with United Airlines is I3M2B4. United Airlines contact phone number is 1-800-538-2929

• Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding

• A valid passport is required for your journey. Passport must be valid at least 6 months beyond intended stay

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic

TDO02 Travel 2 of 3

Printable Version

ETICKET RECEIPT IS ATTACHED
PLEASE REVIEW YOUR ITINERARY CAREFULLY
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OF THE TRAVELER

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street Suite 203
Gaithersburg MD 20878
Phone (301) 948-2448

Passenger(s):	(b)(6)	**Booking Ref.:**	7BTGJ2
Invoice No.:	68792	**Agent:**	(b)(6)
Issue Date:	Wednesday, June 10 2015	**Customer:**	[illegible]
Billing:	METABIOTA INC ONE SUTTER SUITE 600 SAN FRANCISCO CA 94104		

• If you would like to view your reservation online Click Here

• For Aircraft Disinsection Requirements Click Here

AIR - Wednesday June 24 2015

United Airlines Flight UA932 Economy Class

Check In Confirmation: O1HZ2X *(*24 Hours Prior)*

Depart:	10 00 PM Wednesday June 24 Dulles Intl Airport Washington Dist of Columbia USA	**Arrive:**	12 00 PM Thursday June 25 Frankfurt Intl Airport-Terminal 1 Frankfurt Germany
Status:	Confirmed		
Booking Code:	L [illegible]		
Equipment:	Boeing 777	**Stops:**	Non-stop
Duration:	8 hours 0 minutes	**Seat:**	44G (Non smoking) Confirmed
FF Number:	UAWKW91787	**Meal:**	Dinner

• Weather • [illegible]

AIR - Thursday June 25 2015

United Airlines Flight UA9116 Economy Class
Operated By Lufthansa
Check In With Lufthansa (LH648)

Check In Confirmation: O1HZ2X

Depart:	1 25 PM Thursday June 25 Frankfurt Intl Airport-Terminal 1 Frankfurt Germany	**Arrive:**	11 55 PM Thursday June 25 Almaty Airport Almaty Kazakhstan
Status:	Confirmed		
Booking Code:	L [illegible]		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	6 hours 30 minutes	**Seat:**	Assigned At Check In
FF Number:	UAWKW91787	**Meal:**	Cold Meal
Remarks:	Seat assigned at check-in		

• Weather • Flight Status [illegible]

AIR - Sunday July 5 2015

United Airlines Flight UA9117 Economy Class

Check In Confirmation:

TD002 Travel 23A

Operated By Lufthansa
Check In With Lufthansa (LH647)

O1HZ2X

Depart:	3 55 AM Sunday July 5 Almaty Airport Almaty Kazakhstan	**Arrive:**	7 00 AM Sunday July 5 Frankfurt Intl Airport-Terminal 1 Frankfurt Germany
Status:	Confirmed		
Booking Code:	H		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	7 hours 5 minutes	**Seat:**	32C (Non smoking Aisle) Confirmed
FF Number:	UAWKW91787	**Meal:**	Cold Meal

AIR - Sunday July 5 2015

United Airlines Flight UA8832 Economy Class
Operated By Lufthansa
Check In With Lufthansa (LH416)

Check In Confirmation:
O1HZ2X

Depart:	10 45 AM Sunday July 5 Frankfurt Intl Airport Terminal 1 Frankfurt Germany	**Arrive:**	1 25 PM Sunday July 5 Dulles Intl Airport Washington Dist of Columbia USA
Status:	Confirmed		
Booking Code:	H		
Equipment:	Boeing 747-400	**Stops:**	Non stop
Duration:	8 hours 40 minutes	**Seat:**	40H (Non smoking Aisle) Confirmed
FF Number:	UAWKW91787	**Meal:**	Meal

Invoice Details

Transaction / Document		Base	Tax	Total
United Airlines / 016 7623303686		1358 00	608 90	1966 90
	Form of Payment	[redacted]		
Processing Fee / 890 0658267942		43 00		43 00
	Form of Payment	[redacted]		
	Totals:	1401 00	608 90	USD 2009 90

Total Charged to Credit Card: USD 2009 90
Balance Due: USD 0 00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed This ticket is non refundable and non transferable Changes are subject to fare Upgrade and change fee Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage Fees & Allowances

Baggage allowance specific size and weight restrictions vary between airlines Please visit the link below to view the allowances and possible fees for your trip

- Baggage Fees/Allowances

Important Information

• Your reservation number with United Airlines is O1HZ2X United Airlines contact phone number is 1-800-538-2929

• Please check in at least 3 hours prior to departure Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier Confirm with your carrier to avoid denied boarding

• A valid passport is required for your journey Passport must be valid at least 6 months beyond intended stay

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points They must fit in one quart sized clear plastic

1D002 Travel 25 B

Subject: June invoice 3 (b)(6)

Date: Thursday, July 23, 2015 at 11:58:51 AM Pacific Daylight Time

From:

To: (b)(6)

Begin forwarded message

From: <METABIOTA@UNIGLOBEKENTLANDS.COM>
Date: June 13, 2015 at 3:22:54 AM EDT
To: <invoices@uniglobekentlands.com>, (b)(6),
<metabiota@uniglobekentlands.com>
Subject: (b)(6), **Ticket/Invoice #68667~68668, Agency File No.: 637T8E Departs 27JUN15 To: Almaty, TKT: 988-7623303574**

Printable Version

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448
METABIOTA@UNIGLOBEKENTLANDS.COM

ETICKET RECEIPT IS ATTACHED
PLEASE REVIEW YOUR ITINERARY CAREFULLY
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

Passenger(s): (b)(6)
Booking Ref.: 637T8E
Invoice No.: 68667~68668
Agent: (b)(6)
Issue Date: Friday, June 5, 2015
Customer: MBA
Billing: METABIOTA INC
ONE SUTTER
SUITE 600
SAN FRANCISCO CA
94104

- If you would like to view your reservation online: Click Here
- For Aircraft Disinsection Requirements: Click Here

Asiana Airlines Flight OZ6782 Economy Class
Operated By Singapore Airlines
Check In With Singapore Airlines (SQ608)
Check In Confirmation: 637T8E

Depart:	12:10 AM, Saturday, June 27 Changi Airport-Terminal 3 Singapore, Singapore	**Arrive:**	7:45 AM, Saturday, June 27 Incheon Intl. Airport Seoul, Korea

TD 602 Travel 26A

Status:	Confirmed		
Booking Code:	Y (Economy)		
Equipment.	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	6 hours 35 minutes	**Seat:**	40G (Non smoking, Aisle) Confirmed
Meal:	Meal		
Remarks:	Not eligible for web check in		

• Weather • Flight status: [illegible]

Asiana Airlines Flight OZ6961 Economy Class
Operated By Air Astana
Check In With Air Astana (KC910)*

Check In Confirmation: 637T8E

Depart:	12:55 PM, Saturday, June 27 Incheon Intl. Airport Seoul, Korea	**Arrive:**	4:45 PM, Saturday, June 27 Almaty Airport Almaty, Kazakhstan

Status:	Confirmed		
Booking Code:	Y (Economy)		
Equipment:	Boeing 767	**Stops:**	Non-stop
Duration:	6 hours 50 minutes	**Seat:**	13D (Non smoking, Aisle) Confirmed
Meal:	Meal		
Remarks:	Not eligible for web check in		

• Weather • Flight status: [illegible]

Etihad Airways Flight EY297 Economy Class

Check In Confirmation: NXFQBE

Depart:	5:25 PM, Friday, July 3 Almaty Airport Almaty, Kazakhstan	**Arrive:**	8:25 PM, Friday, July 3 Abu Dhabi Intl. Airport-Terminal 3 Abu Dhabi, United Arab Emirates

Status:	Confirmed		
Booking Code:	L (Economy)		
Equipment:	Airbus Industrie A320	**Stops:**	Non-stop
Duration:	5 hours 0 minutes	**Seat:**	17D (Non smoking)

1D002 Travel 26B

Confirmed

Meal: Meal

- [redacted]

Etihad Airways Flight EY470 Economy Class — **Check In Confirmation:** NXFQBE

Depart:	10:00 PM, Friday, July 3 Abu Dhabi Intl. Airport-Terminal 3 Abu Dhabi, United Arab Emirates	**Arrive:**	10:15 AM, Saturday, July 4 Changi Airport-Terminal 2 Singapore, Singapore
Status:	Confirmed		
Booking Code:	[redacted]		
Equipment:	Airbus Industrie A330-300	**Stops:**	Non-stop
Duration:	8 hours 15 minutes	**Seat:**	37G (Non smoking) Confirmed

Meal: Meal

- [redacted]

Transaction / Document	Base	Tax	Total
Asiana Airlines / 988 7623303574	2349.00	146.10	2495.10
Form of Payment	[redacted]		
Etihad Airways / 607 7623303575	529.00	117.87	646.87
Form of Payment	[redacted]		
Processing Fee / 890 0658240344	43.00		43.00
Form of Payment	[redacted]		
Totals:	2921.00	263.97	USD 3184 97

3141.97

TD002 Travel 24 C

Total Expenditure: 0.00
Technical Direction Status: Cancelled

TD004 MESA Epigenetics and Genomics of Infectious Disease Workshop

Objectives
Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/15 to 05/15/16
Total Estimated Budget: $488,040.00
Estimated Expenditure: $150,808.00
Technical Direction Status: Approved

Completed Activities
- Completed Scoping Visit of RSS facilities in Amman, Jordan on October 12.
- Following Scoping Visit of venue, prepared initial CLS logistics request; logistics are currently being edited internally before submission.
- Prepared first CLS travel support request for March Conference; document is currently being edited internally before submission.
- Began JKO trainings for U.S. citizens who will require travel support for March Conference.
- Submitted Press Release for PAO approval.
- Speakers and panel board members continue to be invited.
- Continued revisions of conference agenda and panel board members with Gryphon, CBEP, and Scientific Advisory Board.
- Ongoing outreach of conference event to increase participation.
- Ongoing communication and collaboration with CBEP personnel, in-country partner RSS, Gryphon Scientific, and CLS to coordinate logistical requirements for the conference.

Upcoming Activities
- First round of abstract submission deadlines on November 06, to be extended through December 1.
- Submit first CLS travel support request for Scientific Advisory Board Members and Speakers who have confirmed attendance.
- Submit Travel Authorization Form for Gryphon and Metabiota personnel for March Conference event.
- Gryphon subcontract to be modified a second time due to personnel and additional administrative changes.
- Continue to work with key CBEP personnel, Gryphon, RSS, and CLS to monitor travel requests, participant applications, and finalize CLS logistical requirements for March, 2016 Conference.

Challenges
Due to the large size of this event, questions concerning the coordination of travel requirements have arisen. Metabiota is in communication with key CBEP personnel, CLS, and Gryphon Scientific to clarify roles and responsibilities and ensure that all required information is collected and provided to CLS. Additionally, outreach efforts will be expanded to increase the number of abstracts submitted and participants attending the Conference.

TD005 Long Distance Learning Iraq- Cancelled

Period of Performance: 06/01/15 – 09/30/16
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: Cancelled

EUCOM

TD 011 Ukraine TADR Activity Project 4 (TAP-4)

Objectives
The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/15/15-01/31/16
Total Estimated Budget: $116,879,54
Estimated Expenditure: $57,687.00
Technical Direction Status: Approved

Completed Activities
- Travel arrangements for Metabiota personnel were established.
- Metabiota confirmed the Ukrainian participant list and followed up with A&AS regarding CLS's arrangements for the Ukrainian delegation after identifying unusual flight arrangements that arrived very late into Georgia.
- Metabiota developed a short presentation for the Metabiota slot of workshop day 2.
- Metabiota personnel participated in conference calls and email communications with the broader ASF working group and also with SAFOSO specifically.
- The Ukrainian personnel continued with the distribution of educational materials and outreach activities.
- (b)(6) reprinted several of his ASF-related research posters for presentation at the November conference.

Upcoming Activities
- TAP-4 final workshop occurred in early November; travel trip report and final closeout to occur.

Challenges

TD004 MESA Epigenetics and Genomics of Infectious Disease Workshop

Objectives

Further CBEP Cooperative Biological Research (CBR) objectives through topic focused, poster and training sessions thereby identifying potential partners for future research cooperation, increasing knowledge of specific areas of research educating on best practices in international scientific collaboration.

Period of Performance: 06/01/2015 - 11/30/2015

CLIN	Total Obligated	Total Invoiced	Total Remaining
1002	$405,225.00	$22,610.85	$382,614.15
1003	$28,708.44	$0.00	$28,708.44
1004	$5,342.60	$0.00	$5,342.60
1005	$48,764.00	$0.00	$48,764.00
TOTAL	$488,040.04	$22,610.85	$465,429.19

CLIN 1002 – Labor

Following conversations with DTRA CBEP programmatic and contact personnel it was determined that labor costs will not be billed between the period of 2 June and 22 July, as the technical directive had not yet been approved. Costs for direct labor to support this activity was required for the following personnel, supporting proposal development and execution of activities once authorized by the Government:

Program Manager: 13 hours

Metabiota SEA Program Manager, (b)(6) conducted activities during this time period that included proposal development, contracting packages, and coordination with partner organizations to complete the technical and cost proposal. Once approved, (b)(6) engaged in overseeing project personnel in the execution of requirements for implementing the workshop, managing project deliverables, including submission of requirements to CBEP, tracking project requirements, interacting and reporting to CBEP personnel providing project visibility and coordination, financial monitoring, coordination and management of Gryphon Scientific personnel, and coordination with RSS.

Research and Data Analysts: 74 hou

Metabiota Research and Data Analyst, (b)(6) conducted activities during this time period that included supporting proposal development and contract packages in response to the technical directive. Once approved, she was responsible for project coordination for this activity. Activities included day-to-day coordination of the project, routine communication with collaborators, processing of project documents, tracking and review of CDRLs, and travel and logistical support for the pre-coordination meeting scheduled in October. Additional activities included, supporting contractual requirements for engaging Gryphon Scientific and developing the project schedule.

Gryphon's (b)(6) conducted activities during this time period that included identifying experts working in relevant fields and on relevant research through literature review, and assisting in preparation

of workshop documents. Gryphon's (b)(6) conducted activities during this time period that included preparation of sub-contract materials for submission to Metabiota and review of the final sub-contracts package for execution.

Subject Matter Expert 3: 30 hours

Gryphon's (b)(6) conducted activities during this time period that included coordination with Metabiota personnel to support completion and review of Gryphon's proposal for this project and contracting requirements, once authorized. She also conducted initial review and development of conference materials, participating in routine communications and conference calls with Metabiota and RSS personnel, and development of the project schedule and CDRL requirements in coordination with Metabiota project personnel.

Subject Matter Expert 1: 59.5 hours

Gryphon's (b)(6) expertise in regional planning were utilized during this time period that included initiation of conference planning, design of the conference logo, project scheduling, and participation in routine communications with Metabiota personnel to initiate project activities. Additional activities included communications with vendors to provide website and graphics support for this event.

CLIN 1003 – Materials and Supplies

Materials and supplies costs were not incurred during this invoice period.

CLIN 1004 – ODCs

ODC costs were not incurred during this invoice period.

CLIN 1005 – Travel

Travel costs were not incurred during this invoice period.

Metabiota

Invoice:	INV-0000000239	**Invoice End Date**	7/31/15
Invoice Amount	22,610.85	**Invoice Due Date**	2015-10-08

Remit To:
Metabiota,Inc.
1 Sutter Street, Suite 600

San Francisco
CA
94104

Bill To:
Defense Threat Reduction Agency
8725 John J. Kingman Rd.

Ft. Belvoir
VA
22060-6201

TD004 MESA Epigenetics and Genomics of Infectious Disease Workshop

PLC Cd	PLC Desc	Name	(b)(4); (b)(6)

(b)(4); (b)(6)

PACOM

TD 006 Nipah Research Activity Project-Cancelled

Period of Performance: 06/01/15 – 09/30/16
Total Estimated Budget: $874,846.00
Total Expenditure: $11,986.00
Technical Direction Status: Cancelled

TD 007 Regional Baseline Assessment

Objectives
Characterize the region based on the disease landscape, organic regional capabilities, and external factors that impact CBEP objectives, identify needs and areas of overlap with other stakeholders, and provide overarching strategic guidance & goals to CBEP PACOM Country Managers in the development of country engagement strategies.

Period of Performance: 05/16/15 – 10/31/15
Total Estimated Budget: $850,489.00
Estimated Expenditure: $850,489.00
Technical Direction Status: Approved

Completed Activities

- Submitted draft gap analysis to CBEP on 29 October and held review meeting with regional team on 30 October.
- Submitted responses in comments matrix on 30 October to CBEP regional team, showing revisions and progress made in addressing identified modifications and changes improving the overall document.
- Secured additional SME support to complete revisions and edits needed to finalize the regional baseline analysis and respond to comments received by CBEP.
- Assigned internal team leads and functional teams to support revisions to the regional baseline analysis.
- Met with CBEP regional team and set revised submission schedule with final deliverable due 18 December.
- Requested NCE extending project period to 31 December.
- Continued revisions and edits to regional gap analysis in preparation for final submission.

Upcoming Activities

- Continue revisions, and editing to the regional baseline analysis for submission of draft document on 20 November.
- Perform QAQC reviews of draft document by SMEs prior to submission of draft document on 20 November.
- Secure additional SME support, at no cost to the Government for further build out and analysis of the regional baseline analysis.
- Secure additional graphic services for finalization and stylization of the report.

Challenges

TD 006 Nipah Research Activity Project-Canceled

Objectives

Further CBEP Cooperative Biological Research (CBR) objectives through: identification of reservoir and host range for Nipah or related viruses; examination of the seroprevalance of Nipah in bats, peridomestic animals and humans, and understanding the risk factors for cross species transmission in the Philippines.

Period of Performance: 06/01/2015 – 09/30/2015

CLIN	Total ROM	Total Invoiced	Total Remaining
1002	$11,985.82	$6,913.29	$5,072.53
1003			$0.00
1004			$0.00
1005			$0.00
TOTAL	$11,985.82	$6,913.29	$5,072.53

This technical directive was canceled on 18 August 2015. Following conversations with DTRA CBEP programmatic and contract personnel, it was determined that only labor costs associated with developing the proposal in response to the technical directive(s) would be billed to the Government. No other costs were incurred.

CLIN 1002 – Labor

Costs for direct labor to support this activity were incurred for the following personnel:

Program Manager: 24 hours

Metabiota Program Manager, (b)(6) worked with the Research Institute of Tropical Medicine (RITM) and Duke-NUS to request and prepare requirements necessary for proposal development and submission in response to the Technical Directive and Revised Technical Directive received for this activity. In support of this effort, (b)(6) participated in routine conference calls with SMEs and RCs from each institute to garner the necessary information required for the submission. In addition, she coordinated with CBEP regional personnel to ascertain project requirements, to include revised directives, and understanding of project objectives and end-states to accurately respond to the directive In addition, (b)(6) developed the technical and cost proposal submitted to CBEP in support of this activity.

Research and Data Analysts: 46.50 hours

To complete these efforts, (b)(6) was supported by Metabiota Research and Data Analysts (b)(6) (b)(6) coordinated directly with identified SMEs and RCs from RITM and Duke-NUS to develop subcontract requests and packages in support of technical proposal development. They scheduled and participated in routine conference calls and communication with the collaborators to support development of the technical and cost proposal. In addition, they assisted in proposal development.

CLIN 1003 – Materials and Supplies
Costs were not incurred under CLIN 1003, as this technical directive was canceled.

CLIN 1004 – ODCs
Costs were not incurred under CLIN 1004, as this technical directive was canceled.

CLIN 1005 – Travel
Costs were not incurred under CLIN 1005, as this technical directive was canceled.

Oct 8, 2015

Metabiota

Invoice:	INV-0000000239	**Invoice End Date**	7/31/15
Invoice Amount	6,913.20	**Invoice Due Date**	2015-10-08

Remit To:

Metabiota,Inc.
1 Sutter Street, Suite 600
San Francisco
CA
94104

Bill To:

Defense Threat Reduction Agency
8725 John J. Kingman Rd.
Ft. Belvoir
VA
22060-6201

TD-006 Philippines PDG

Transaction	Project ID	PLC Cd	PLC Desc	Name	Bill Hours	Billing Rate	Amount To Bill	Cumulative Hours	Cumulative Amount
(b)(4); (b)(6)									

TD 007 Regional Baseline Assessment

Objectives

Characterize the region based on the disease landscape, organic regional capabilities, and external factors that impact CBEP objectives, identify needs and areas of overlap with other stakeholders, and provide overarching strategic guidance & goals to CBEP PACOM Country Managers in the development of country engagement strategies.

Period of Performance: 05/16/2015 – 10/3/2015

TD 007 Regional Baseline Assessment			
[illegible]	[illegible] ROM	[illegible] Invoiced	[illegible] Remaining
1002	$802,669.00	$450,951.99	$351,717.01
1003	$27,211.00	$4,440.29	$22,770.71
1004	$8,452.33	$160.61	$8,291.72
1005	$11,656.82	$4,697.88	$6,958.94
TOTAL	$849,989.15	$460,250.77	$389,738.38

CLIN 1002 – Labor

Metabiota's support of this effort is based on the solid expertise and cadre of exceptional researchers and SMEs the organization has on hand, and has engaged to support this project. Critical to developing an informed, targeted, and useable analysis is the reliance on field-specific expertise to inform and drive the regional assessment using risk analytics, scientific rigor and in-depth research analysis coupled with QA/QC measures to provide an informative, pointed landscape of the PACOM region that will support CBEP's 5+ year strategic plan and programmatic metrics. SMEs from a variety of disciplines have been and will be engaged to support this project to ensure all aspects of the analysis are captured to include the disease landscape, political and economic environment, legislation and governmental requirements, cultural, religious and behavioral practices, geographical and environmental issues, security concerns, and the interstices and overlapping confluence of aspects that make this a multi-faceted assessment recognizing and addressing a dynamic and changing landscape. Key to the development of this framework is driving it to an end state that will support CBEP's long-term mission in this area of operation. Metabiota's diverse team is dedicated to supporting this endeavor and bringing this project to completion. The experience of Metabiota's project management team, lead by [redacted] is focused on achieving the desired end state and has built out the required labor to support this endeavor through rigorous recruiting and recognition of qualified experts. Team members supporting this effort are providing various levels of effort depending on their expertise and the required support needed to address specific components of the analysis. Utilizing a flexible schedule, and a cadre of team members, Metabiota can ramp up or down activity levels to address, build and support the needs required to complete this effort.

Costs for direct labor to support this activity were incurred for the following personnel:

Program Manager: 238 Hours

Metabiota SEA Program Manager, (b)(6) oversaw and executed the project to include management of the cost, schedule and performance. In addition, she provided direct management and oversight of all project personnel to include labor and reporting, driving the project to completion.

Subject Matter Experts 1: 1078.5 Hours

Metabiota Subject Matter Expert 1 (b)(6) oversaw the day-to-day activities of the project, as the key POC in Washington DC, supporting (b)(6) and (b)(6) in the overall execution of this work. She coordinated daily with project staff, CBEP regional and country leadership to ensure they were provided routine visibility on the project to include coordination of in-person meetings, weekly reports, and analysis updates. (b)(6) provided experience and development, review, and adaptation of research documents and deliverables, as well as general research activities and facilitation of scientific collaboration.

Subject Matter Experts 2: 486 Hours

(b)(6) (b)(6) provided experience and development, review, and adaptation of research documents and deliverables, as well as general research activities and facilitation of scientific collaboration. This team utilized experience in risk management, environmental studies, GIS, cultural anthropology, veterinary sciences and other related disciplines to conduct open source research, validating collected data, develop pathogen profiles, socio-economic, behavioral, and cultural components of the landscape, and provide critical scientific writing and editing skills to ensure document flow and mapping of information. The originally proposed TBD Soft Sciences labor hours were divided between (b)(6)

Subject Matter Experts 3: 508.50 Hours

(b)(6) (b)(6) provided extensive experience and development, review, adaptation of research documents and deliverables, data and mapping visualization support, as well as general research activities and facilitation of scientific collaboration. Experts at this level bring a breadth of regional and international experience to the project specifically focused in their areas of expertise to include microbiology, virology, health informatics, medical anthropology, and data analytics. This team provides QA/QC measures to validate the data, as well as being a critical part of the team in collecting and driving the strict research aspects of this assessment.

Research and Data Analysts: 911 Hours

Research and Data Analysts, (b)(6) (b)(6) conducted general research activities and assist in document review and editing. This team made up the general open research group of the project and provided research to support the analysis support SMEs in developing and building out the assessment. They also edited and referenced citations, ensuring that the document flow and citations were correct.

CLIN 1003 – Materials and Supplies

Materials and supplies costs incurred during this period include graphic services provided by Spot On Marketing. Services provided during this period included, maps, stylization, and development of the document framework for the regional landscape analysis to provide CBEP with a highly professional finished product.

Skype communication costs were incurred during this period to support communications with the project team and SMEs working on PACOM both CONUS and OCONUS.

In addition, template vector maps were procured to support graphic design and regionally specific maps required for the final deliverable of the regional baseline analysis, supporting the narrative framework and qualitative research.

CLIN 1004 – ODCs

Per contract guidelines DBA insurance is required for all personnel engaged on the AEP project traveling or working overseas. DBA insurance was purchased for (b)(6) during his travel to Manila, Philippines in support of attendance at the APSED meeting.

CLIN 1005 – Travel

At the request of DTRA, (b)(6) Southeast Asia Program Manager traveled to New Orleans to attend PACOM meetings, as well as the American Society for Microbiology (ASM) General Meeting and to conduct working groups with DTRA CBEP Regional Leadership.

Travel was authorized fo (b)(6) Southeast Asia Program Manager, and (b)(6) SME I, to travel to Cebu, Philippines to attend the Asia-Pacific Biosafety Association (A-PBA) 10th Anniversary Conference and meetings with CBEP Regional Leads and other stakeholders in support of completing the PACOM baseline analysis. After booking the trip and registering for the conference, the trip was canceled due to the CCR not being approved. Costs are billed for bookings and reservations that were partially refunded upon cancellation. These include conference and airline processing fees for cancelation– no costs are billed for fully refunded bookings or expenses.

(b)(6) Deputy Director of the AEP Program traveled to Manila, Philippines to attend the World Health Organization Western Pacific Regional Office (WHO/WPRO) Technical Assistance Group (TAG) meeting on the Asia Pacific Strategy for Emerging Diseases (APSED).

(b)(6)

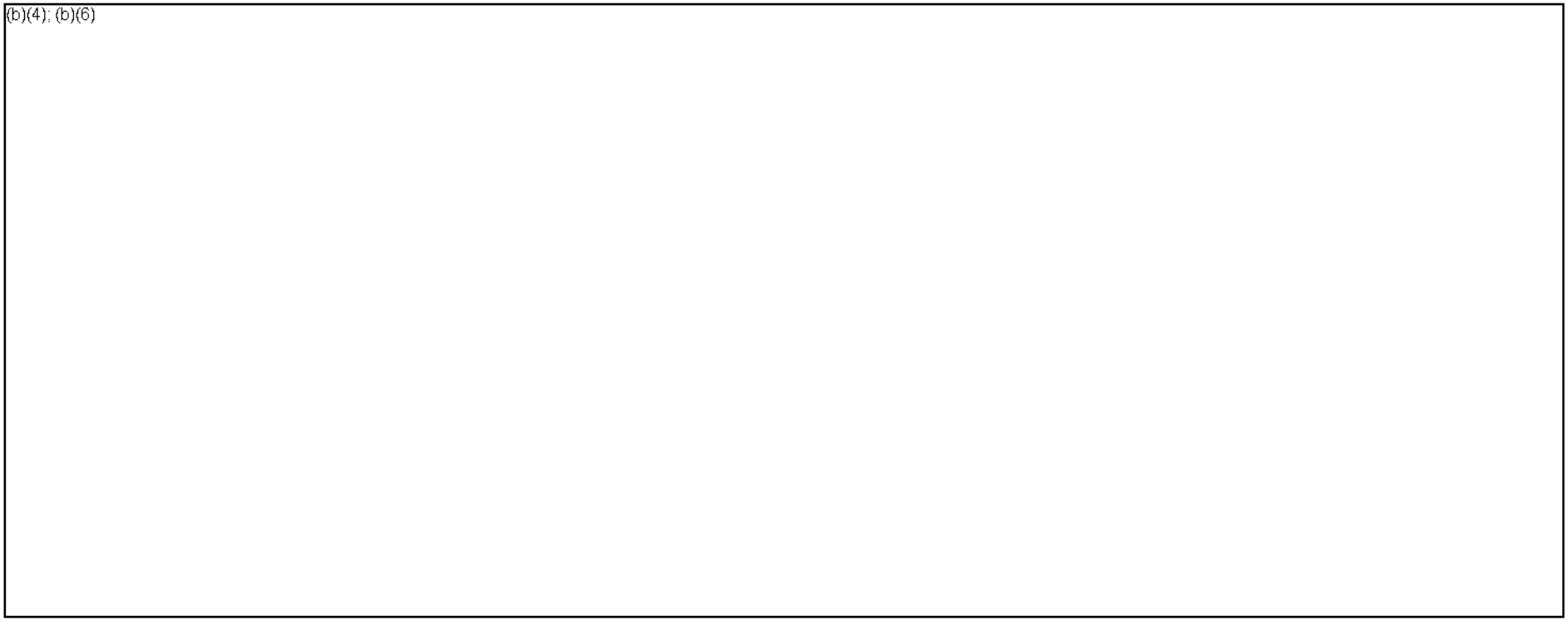
Metabiota

Invoice:	INV-0000000239	**Invoice End Date**	
Invoice Amount	460,250.83	**Invoice Due Date**	
Remit To:		**Bill To:**	
Metabiota,Inc.		Defense Threat Reduction Agency	
1 Sutter Street, Suite 600		8725 John J. Kingman Rd	
San Francisco		Ft. Belvoir	
CA		VA	
94104		22060-6201	

TD-007 Regional Baseline Assesment

Transaction Project ID	PLC Cd	PLC Desc	(b)(4); (b)(6)

(b)(4); (b)(6)


(b)(4); (b)(6)

VISA

CITY NATIONAL BANK
The way up

PO BOX 54830
LOS ANGELES CA 90054

MEMO STATEMENT

ACCOUNT NUMBER	(b)(4), (b)(6)
CLOSING DATE	05-28-15
TOTAL ACTIVITY	$3,666.44

** MEMO STATEMENT ONLY **
DO NOT REMIT PAYMENT

(b)(6)

(b)(6)

1 SUTTER ST STE 600
SAN FRANCISCO CA 94104-4923

IMPORTANT INFORMATION

Please see reverse side for important information, including additional disclosures regarding the annual fee.

CARDHOLDER SUMMARY

	Purchases And Other Debits	+	Cash Advances	−	Credits	=	Total Activity
(b)(4), (b)(6) X 4551							
Cardholder Total	$3,666.44		$0.00		$0.00		$3,666.44

FOR CUSTOMER SERVICE CALL
1-800-998-6206
INTERNATIONAL
800-773-71000

SEND INQUIRIES TO:
CREDIT CARD PROCESSING CENTER
DISPUTE RESOLUTION
PO BOX 84021
COLUMBUS GA 31908-4021

ACCOUNT NUMBER	
XXXX-XXXX-XXXX-4551	
CLOSING DATE	**TOTAL CREDIT LINE**
05/28/15	$8,000.00
DISPUTED AMOUNT	**CASH LIMIT***
$0.00	$1,800.00

*This represents a portion of your Total Credit Line.

ACCOUNT SUMMARY

PURCHASES & OTHER CHARGES	$3,666.44
CASH ADVANCES	.00
CASH ADVANCE FEES	.00
CREDITS	.00
TOTAL ACTIVITY	$3,666.44

CARDHOLDER ACTIVITY

Post Date	Tran Date	Reference Number	Transaction Description	Amount
		**********	NOTICE MEMO ITEMS LISTED BELOW **********	
04-30	04-30		ANNUAL FEE	M50.00
04-30	04-29	24692165119000534491032	PAY*PROPDAMAGEPROTECT 888-501-3025 CA	M59.00
04-30	04-29	24692165119000475358487	PAY*HOMEAWAY HA-8SSQPZ 877-228-3145 CA	M724.50
04-30	04-29	24692165119000475358483	PAY*HOMEAWAY HA-8SSQPZ 877-228-3145 CA	M724.50
05-20	05-19	74284475140080195120067	FOREIGN TRANSACTION FEE	M30.53
05-20	05-19	74284475140080195120075	FOREIGN TRANSACTION FEE	M30.53
05-20	05-19	74284475140080195120067	ASIA-PACIFIC BIOSA - (FOREIGN CURRENCY) $1,350.00 SGD 05/20 (RATE) 1.3265	M1,017.69
05-20	05-19	74284475140080195120075	ASIA-PACIFIC BIOSA - (FOREIGN CURRENCY) $1,350.00 SGD 05/20 (RATE) 1.3265	M1,017.69
05-25	05-19	74547065143020292638107	FOREIGN TRANSACTION FEE	M2.00
05-25	05-19	74547065143020292638107	SKYPE SUBSCRIPTION LUXEMBOURG	M10.00
		**********	TOTAL AMOUNT OF MEMO ITEM(S):	$3,666.44

12

TD-007 materials 1a

VISA

CITY NATIONAL BANK
The way up.

PO BOX 54630
LOS ANGELES CA 90054

MEMO STATEMENT

ACCOUNT NUMBER	(b)(4) (b)(6)
CLOSING DATE	05-28-15
TOTAL ACTIVITY	$3,666.44

** MEMO STATEMENT ONLY **
DO NOT REMIT PAYMENT

(b)(6)

**N0000097

1 SUTTER ST STE 600
SAN FRANCISCO CA 94104-4923

IMPORTANT INFORMATION

Please see reverse side for important information, including additional disclosures regarding the annual fee.

CARDHOLDER SUMMARY

(b)(4) (b)(6) 4551	Purchases And Other Debits	+	Cash Advances	−	Credits	=	Total Activity
Cardholder Total	$3,666.44		$0.00		$0.00		$3,666.44

FOR CUSTOMER SERVICE CALL
1-800-998-6206
INTERNATIONAL
800-773-71000

SEND INQUIRIES TO:
CREDIT CARD PROCESSING CENTER
DISPUTE RESOLUTION
PO BOX 84021
COLUMBUS GA 31908-4021

ACCOUNT NUMBER
XXXX-XXXX-XXXX-4551

CLOSING DATE	TOTAL CREDIT LINE
05/28/15	$8,000.00
DISPUTED AMOUNT	**CASH LIMIT***
$0.00	$1,800.00

*This represents a portion of your Total Credit Line.

ACCOUNT SUMMARY

PURCHASES & OTHER CHARGES	$3,666.44
CASH ADVANCES	.00
CASH ADVANCE FEES	.00
CREDITS	.00
TOTAL ACTIVITY	$3,666.44

CARDHOLDER ACTIVITY

Post Date	Tran Date	Reference Number	Transaction Description	Amount
		**********	NOTICE MEMO ITEMS LISTED BELOW **********	
04-30	04-30		ANNUAL FEE	M50.00
04-30	04-29	24692165119000534491032	PAY*PROPDAMAGEPROTECT 888-501-3025 CA	M59.00
04-30	04-29	24692165119000475356467	PAY*HOMEAWAY HA-8SSQPZ 877-228-3145 CA	M724.50
04-30	04-29	24692165119000475356483	PAY*HOMEAWAY HA-8SSQPZ 877-228-3145 CA	M724.50
05-20	05-19	74284475140080195120067	FOREIGN TRANSACTION FEE	M30.53
05-20	05-19	74284475140080195120075	FOREIGN TRANSACTION FEE	M30.53
05-20	05-19	74284475140080195120087	ASIA-PACIFIC BIOSA - (FOREIGN CURRENCY) $1,350.00 SGD 05/20 (RATE) 1.3265	M1,017.69
05-20	05-19	74284475140080195120075	ASIA-PACIFIC BIOSA - (FOREIGN CURRENCY) $1,350.00 SGD 05/20 (RATE) 1.3265	M1,017.69
05-25	05-19	74547065143020292638107	FOREIGN TRANSACTION FEE	M2.00
05-25	05-19	74547065143020292638107	SKYPE SUBSCRIPTION LUXEMBOURG	M10.00
		**********	TOTAL AMOUNT OF MEMO ITEM(S):	$3,666.44

12

TD-007 Materials 01

Your Order #100013823 (placed on July 2, 2015 11:33:46 AM EDT)

Billing Information:

(b)(6)
Metabiota
8757 Georgia Ave
Suite 800
Silver Spring, Maryland, 20910
United States
T: 301-503-8785

Payment Method:

Debit or Credit Card

Credit Card Type: American Express
Credit Card Number: (b)(4); (b)(6)

Item	Sku	Qty	Subtotal
Countries: Afghanistan to Zimbabwe - $299 ***License Options*** Standard License - One User ***Option:*** Digital Download (download)	MRCOAZ-170010	1	$299.00

Subtotal	$299.00
Discount (HG634)	-$29.90
Grand Total	**$269.10**

Gift Message for this Order

TD-007 materials 2

(b)(6) [redacted]



SpotOn Marketing Communications

SpotOn Marketing Communications
(b)(6) [redacted]
dsmillie@spotonmarcom.com
http://spotonmarcom.com

Invoice

Date	Invoice #
07/09/2015	1163
Terms	**Due Date**
Due on receipt	07/09/2015

Bill To

Metabiota

Amount Due	Enclosed
$1,500.00	

Activity	Quantity	Rate	Amount
• Contact: (b)(6) [redacted] Project: Pac Report Description: June Design Charges pertaining to graphs, tables and charts.	10	150.00	1,500.00

(b)(6) [redacted]

Total $1,500.00

TD-007 materials 3

6

(b)(6)

SpotOn Marketing Communications

SpotOn Marketing Communications
(b)(6)
dsmillie@spotonmarcom.com
http://spotonmarcom.com

Invoice

Date	Invoice #
07/13/2015	1167
Terms	**Due Date**
Due on receipt	07/13/2015

Bill To
Metabiota

✓ @ 7/13/15
Voucher #921

Amount Due	Enclosed
$2,400.00	

Activity	Quantity	Rate	Amount
• Contact: (b)(6)	1	2,400.00	2,400.00

Project: Client Proposal - S.E. Asia Avian Graphics
Description: Create 8 Custom Maps depicting S.E. Asia Avian Birdflow Zones.
Provide Raw Assets to allow client to use in PowerPoint. Rush Order.

(b)(6)

TD-007 materials 4

Order No. 6811000003162048744

Purchase information

Purchased by [redacted] (Skype Name)

Transaction date July 27, 2015 (GMT-7:00)

Payment method Visa [redacted]

Status Delivered

Download this order's Terms of Use

Items in this order	Amount
Skype Credit	$25.00
Grand total	$25.00

TD-007 Material 5

ace usa

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

Named Insured			Endorsement Number
Metabiota, Inc			011
Policy Symbol	Policy Number	Policy Period	Effective Date of Endorsement
ENI	D37429193 001	December 22, 2014 to December 22, 2015	July 19, 2015
Issued By (Name of Insurance Company)			
ACE American Insurance Company			

AMENDMENT TO SCHEDULE IN DEFENSE BASE ACT CONTRACT AND/OR PROJECT ENDORSEMENT

This endorsement modifies insurance provided under the following:

DEFENSE BASE ACT WORKERS COMPENSATION AND EMPLOYERS LIABILITY INSURANCE POLICY

The Schedule of the DEFENSE BASE ACT COVERAGE ENDORSEMENT is amended to read as follows:

Schedule

Contract Name/Number/Country(s) or Project Name & Country(s)
In consideration of additional premium charge of $123 travel to the Philippines from 07/19/2015 to 07/25/2015 under currently scheduled contract is afforded coverage as of the effective date of this endorsement. A rate of $3.50 applied. Payroll of $3,500 is added to the policy. It is further agreed this additional premium charge is fully earned and the minimum earned premium is amended to read $47,370. Policy payroll now totals $1,353,409.

All other terms and conditions of this policy remain unchanged.

TD - 007 ODC 1A

ace usa

FORMS AND ENDORSEMENTS SUMMARY PAGE

COMPANY NAME:	ACE American Insurance Company		
NAMED INSURED:	Metabiota, Inc		
POLICY NUMBER:	D37429193 001	**DECLARATIONS EFFECTIVE:**	December 22, 2014

This policy consists of the following forms and endorsements attached to this policy at inception:

IT8003	05-2014	Defense Base Act Workers Compensation And Employers Liability Insurance Policy
IT8017	11-2010	Amendment to Schedule in Defense Base Act Contract and/or Project Endorsement

The Coverage Forms and endorsements listed above and attached, complete the above numbered policy.

TD-007 00C 18



HILTON NEW ORLEANS/ST CHARLES AVE
333 ST CHARLES AVE
NEW ORLEANS LA 70130
United States of America
TELEPHONE 504-378-2800 - FAX 504-524-8889
Reservations
www.hilton.com or 1 800 HILTONS

(b)(6)

8757 GEORGIA AVE
SUITE 420
SILVER SPRING MD 20910
UNITED STATES OF AMERICA

Room No	1112/K1
Arrival Date	5/29/2015 4:06:00 PM
Departure Date	6/4/2015 11:50:00 AM
Adult/Child	2/0
Cashier ID	(b)(6)
Room Rate	151.00
AL	
HH #	861439411 GOLD
VAT #	
Folio No Chg	350927 A

Confirmation Number: 3177424635

HILTON NEW ORLEANS/ST CHARLES AVE 6/10/2015 9:54:00 AM

DATE	DESCRIPTION	ID	REF NO	CHARGES	CREDIT	BALANCE
5/29/2015	GUEST ROOM	JCHAPITAL	1651975	$151.00		
5/29/2015	TAXES	JCHAPITAL	1651975	$23.27		
5/30/2015	GUEST ROOM	MCP	1652442	$151.00		
5/30/2015	TAXES	MCP	1652442	$23.27		
5/31/2015	GUEST ROOM	MCP	1653131	$151.00		
5/31/2015	TAXES	MCP	1653131	$23.27		
6/1/2015	GUEST ROOM	MCP	1653522	$151.00		
6/1/2015	TAXES	MCP	1653522	$23.27		
6/2/2015	GUEST ROOM	MCP	1653867	$151.00		
6/2/2015	TAXES	MCP	1653867	$23.27		
6/3/2015	GUEST ROOM	JCHAPITAL	1654389	$151.00		
6/3/2015	TAXES	JCHAPITAL	1654389	$23.27		

TD-007 Travel 1

3A.

(b)(6)

8757 GEORGIA AVE
SUITE 420
SILVER SPRING MD 20910
UNITED STATES OF AMERICA

Room No	1112 K1
Arrival Date	5 29 2015 4 06 00 PM
Departure Date	6 4 2015 11 50 00 AM
Adult/Child	2 /
Cashier ID	(b)(6)
Room Rate	TS1 00
AL	
HH #	861439411 GOLD
VAT #	
Folio No Chg	35092 / A

Confirmation Number 3177424635

HILTON NEW ORLEANS ST CHARLES AVE 6 10 2015 9 54 50 AM

DATE	DESCRIPTION	ID	REF NO	CHARGES	CREDIT	BALANCE
6 4 2015	AX *1055	BRYAN508	1654643		($1 045 62)	
			BALANCE			$0 00

EXPENSE REPORT SUMMARY

	5 29 2015	5 30 2015	5 31 2015	6 1 2015
ROOM AND TAX	$174 27	$174 27	$174 27	$174 27
DAILY TOTAL	$174 27	$174 27	$174 27	$174 27

EXPENSE REPORT SUMMARY

	6 2 2015	6 3 2015	STAY TOTAL
ROOM AND TAX	$174 27	$174 27	$1 045 62
DAILY TOTAL	$174 27	$174 27	$1 045 62

CREDIT CARD DETAIL

APPR CODE	178814	MERCHANT ID	1176001432
CARD NUMBER	AX *1055	EXP DATE	04 16
TRANSACTION ID	1654643	TRANS TYPE	Sale

TD -007 Travel Ln

Subject: Fwd: Your Friday morning trip with Uber

Date: Saturday, May 30, 2015 at 8:35:25 AM Pacific Daylight Time

From:

To: (b)(6)

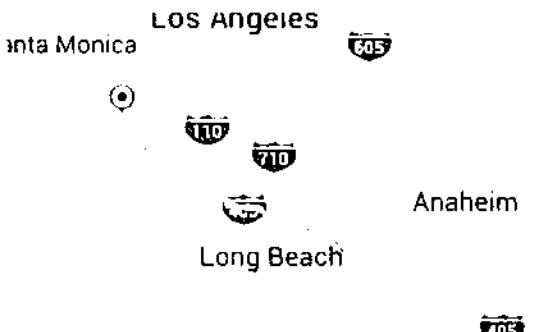
Sent from my iPhone

Begin forwarded message:

Resent-From: (b)(6)
From: Uber Receipts <receipts.orange.county@uber.com>
Date: May 29, 2015 at 10:37:33 AM CDT
Resent-To: (b)(6)
To: (b)(6)
Subject: Your Friday morning trip with Uber

2A $56.02
2B 45.00
2C 37.95
138.97

$56.02



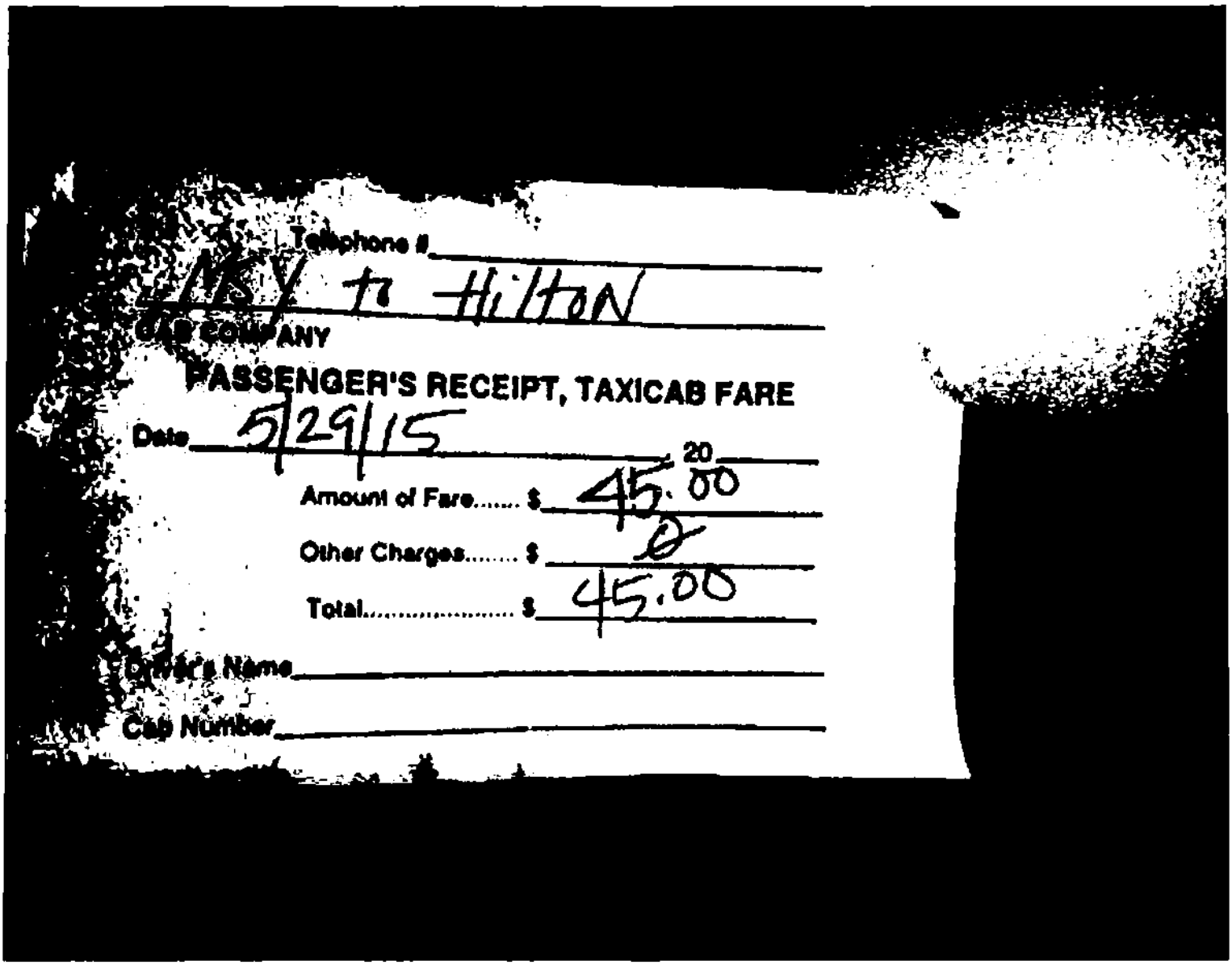
07:32am

08:36am

FARE BREAKDOWN

	0.00
	43.58
	11.44
Subtotal	**$55.02**
	1.00
	$56.02

TD-007 Travel 2A



Telephone #

LGA to Hilton

CAB COMPANY

PASSENGER'S RECEIPT, TAXICAB FARE

Date 5/29/15 20

Amount of Fare..... $ 45.00

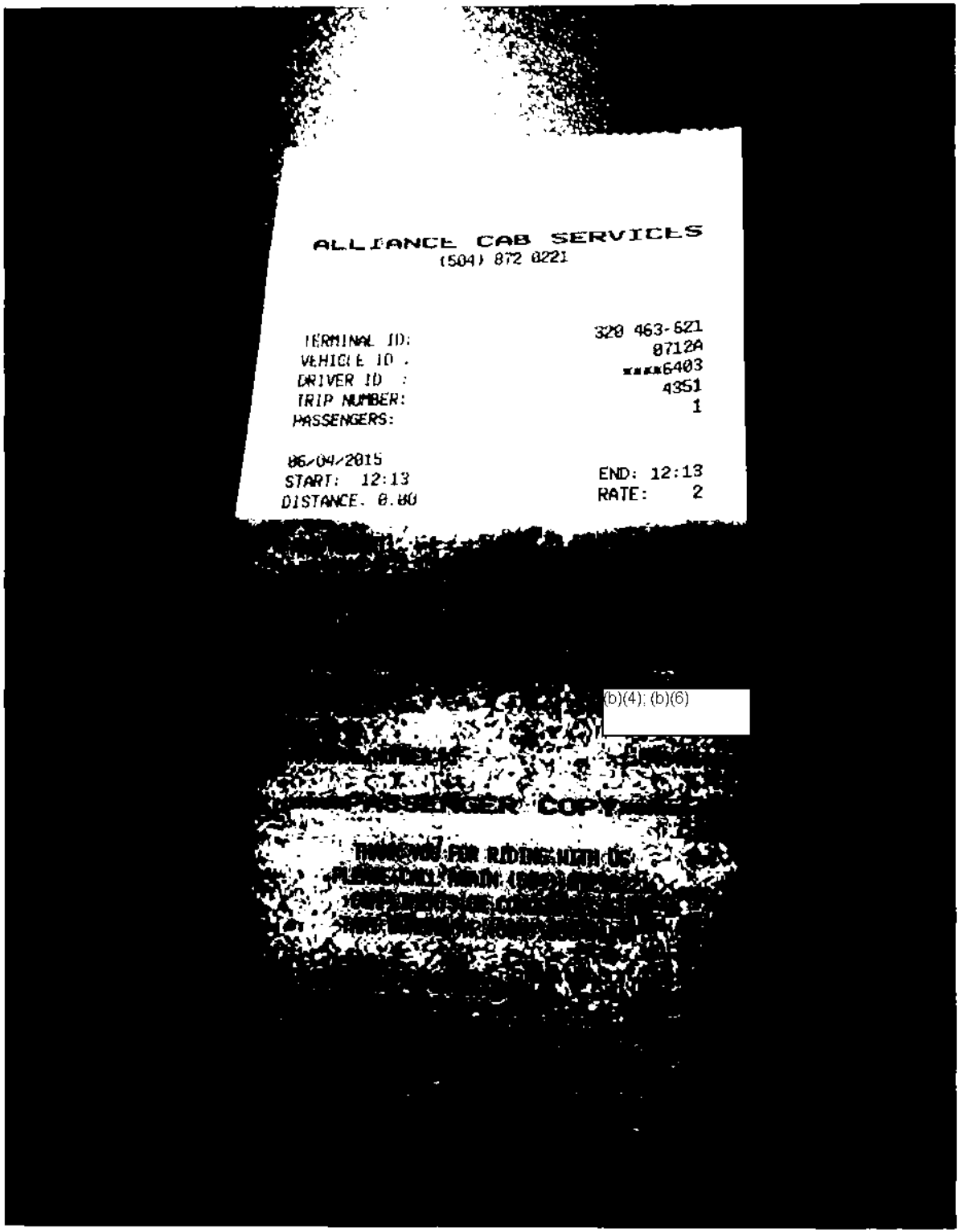
Other Charges..... $ 0

Total..... $ 45.00

Driver's Name

Cab Number

TD-007 Travel 2b



ALLIANCE CAB SERVICES
(504) 872 0221

TERMINAL ID:	320 463-521
VEHICLE ID :	8712A
DRIVER ID :	****6403
TRIP NUMBER:	4351
PASSENGERS:	1

06/04/2015
START: 12:13 END: 12:13
DISTANCE. 0.00 RATE: 2

(b)(4); (b)(6)

PASSENGER COPY

FD 007 Travel 2 C

BDO

PAN PACIFIC

(b)(6)

***2293

(b)(6)

(b)(6)

TOTAL PHP16,388.80

Room No. : 1119
Arrival : 20-07-15
Departure : 23-07-15
Folio No. : 344210
Cashier No. : 232
User ID (b)(6)
Page No. : 1 of 1

23-JUL-15 08:26 AM

ith Organization

		Debit	Credit
		5,500.00	
		5,500.00	
22-07-15	Package Charge	5,500.00	
23-07-15	American Express		16,500.00

(b)(6)

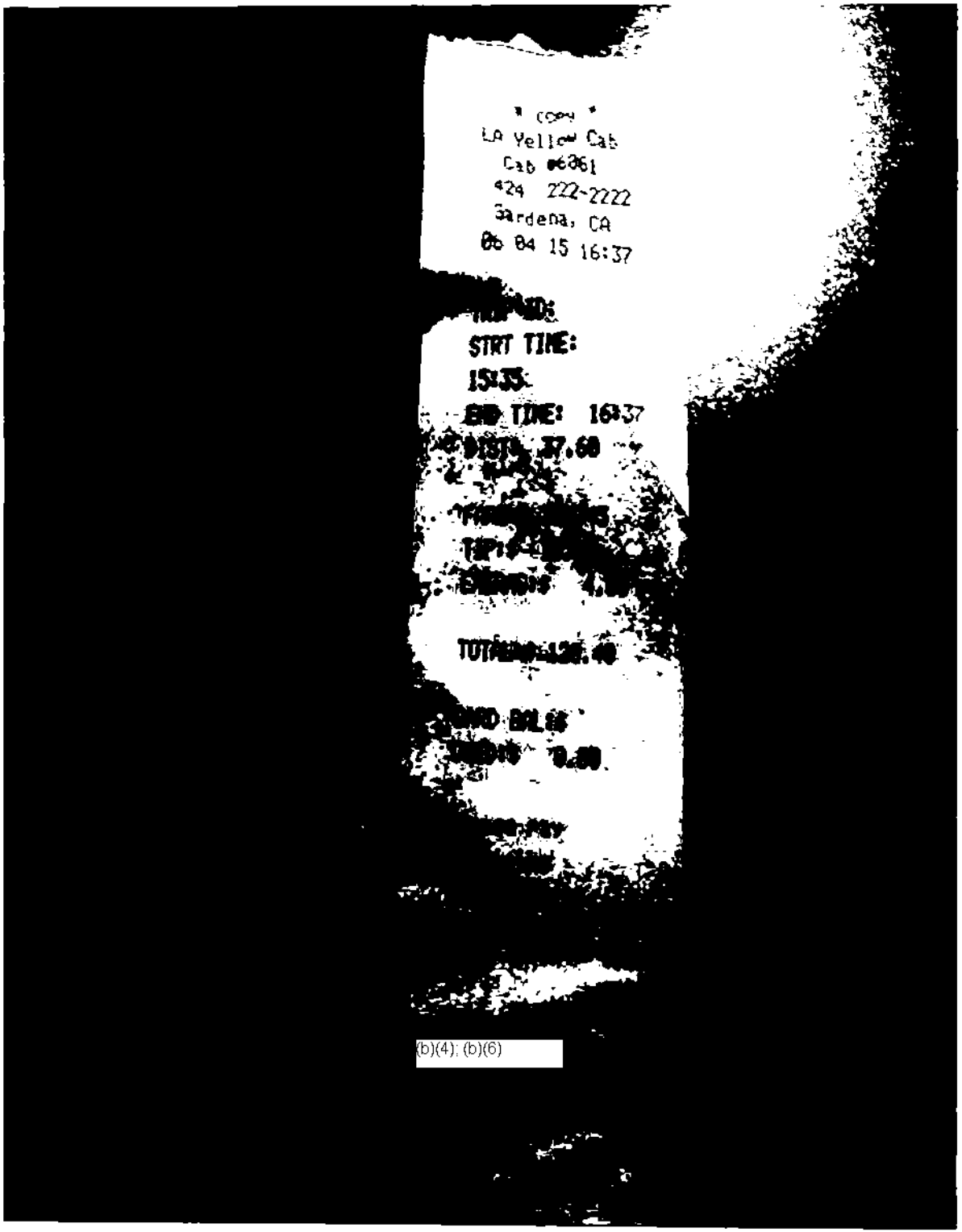
Total	16,500.00	16,500.00
Total VAT	0.00 PHP	
Balance	0.00 PHP	

371.99

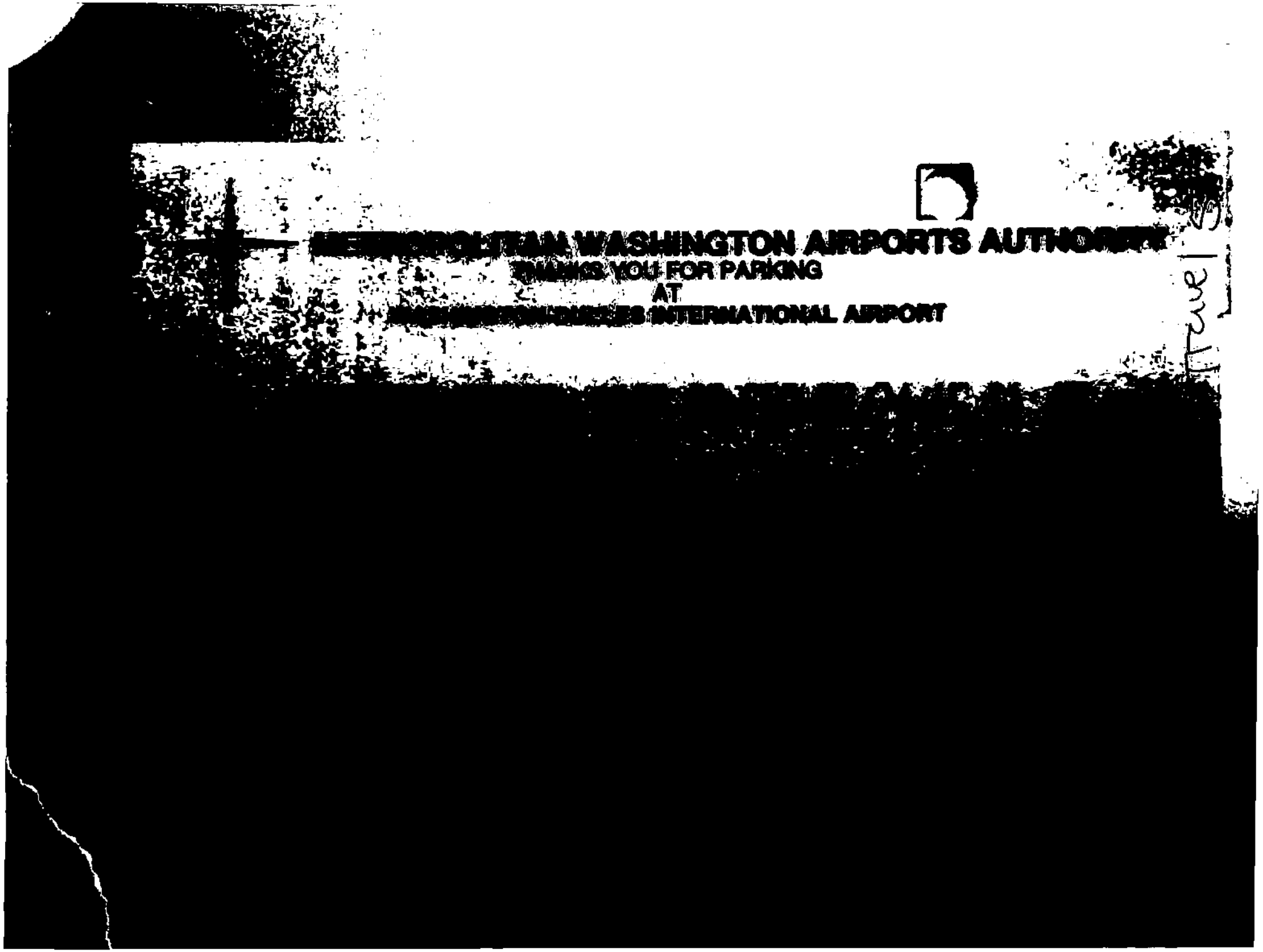
Guest Signature

I agree that I am personally liable for the following statements and if the person, company or association indicated by me as responsible for payment of the same does not do so, that my liability for such payments shall be joint and several with such person, company or association.

Always Book Direct at panpacific.com
Enjoy the best rate and attractive benefits



TO-007 Travel 4


METROPOLITAN WASHINGTON AIRPORTS AUTHORITY
THANKS YOU FOR PARKING
AT
INTERNATIONAL AIRPORT

Printable Version

ETICKET RECEIPT IS ATTACHED
***** PLEASE REVIEW YOUR ITINERARY CAREFULLY *****
DISCREPANCIES MUST BE BROUGHT TO OUR ATTENTION WITHIN 24 HOURS.
AFTER THAT TIME, ANY PENALTIES INCURRED DUE TO CHANGES ARE THE RESPONSIBILITY OF THE TRAVELER.

Kentlands Travel

UNIGLOBE Kentlands Travel
60 Market Street, Suite 203
Gaithersburg, MD 20878
Phone: (301) 948-2448

Passenger(s):	(b)(6)	**Booking Ref.:**	6X8U6O
Invoice No.:	68954	**Agent:**	Anthony Mavrogiannis
Issue Date:	Wednesday, June 17, 2015	**Customer:**	MBA
Billing:	METABIOTA INC ONE SUTTER SUITE 600 SAN FRANCISCO CA 94104		

• If you would like to view your reservation online: Click Here

• For Aircraft Disinsection Requirements: Click Here

Air - Sunday, July 19, 2015

United Airlines Flight UA145 Economy Class

Check In Confirmation: GSCX6E *(*24 Hours Prior)*

Depart:	8:55 AM, Sunday, July 19 Dulles Intl Airport Washington, Dist. of Columbia, USA	**Arrive:**	1:09 PM, Sunday, July 19 Honolulu Intl. Airport-Terminal M Honolulu, Hawaii, USA
Status:	Confirmed		
Booking Code:	S		
Equipment:	Boeing 767-400	**Stops:**	Non-stop
Duration:	10 hours 14 minutes	**Seat:**	40K (Non smoking) Confirmed
FF Number:	UAHTH31263	**Meal:**	Food For Purchase

Air - Sunday, July 19, 2015

United Airlines Flight UA201 Economy Class

Check In Confirmation: GSCX6E *(*24 Hours Prior)*

Depart:	2:20 PM, Sunday, July 19 Honolulu Intl. Airport-Terminal M Honolulu, Hawaii, USA	**Arrive:**	6:00 PM, Monday, July 20 A.B. Won Pat Intl Airport Guam, Guam
Status:	Confirmed		
Booking Code:	S		
Equipment:	Boeing 777	**Stops:**	Non-stop
Duration:	7 hours 40 minutes	**Seat:**	36C (Non smoking) Confirmed
FF Number:	UAHTH31263	**Meal:**	Food For Purchase

Air - Monday, July 20, 2015

United Airlines Flight UA183 Economy Class

Check In Confirmation: GSCX6E *(*24 Hours Prior)*

Depart:	7:25 PM, Monday, July 20	**Arrive:**	9:10 PM, Monday, July 20

TD 007 Travel 6a

	A.B. Won Pat Intl Airport Guam, Guam		Ninoy Aquino Intl Airport-Terminal 1 Manila, Philippines

Status:	Confirmed		
Booking Code:	S		
Equipment:	Boeing 737-800	**Stops:**	Non-stop
Duration:	3 hours 45 minutes	**Seat:**	26C (Non smoking) Confirmed
FF Number:	UAHTH31263	**Meal:**	Dinner

AIR - Thursday, July 23, 2015

United Airlines Flight UA184 Economy Class

Check In Confirmation: GSCX9F *(*24 Hours Prior)*

Depart:	10:25 PM, Thursday, July 23 Ninoy Aquino Intl Airport-Terminal 1 Manila, Philippines	**Arrive:**	4:25 AM, Friday, July 24 A.B. Won Pat Intl Airport Guam, Guam

Status:	Confirmed		
Booking Code:	S		
Equipment:	Boeing 737-800	**Stops:**	Non-stop
Duration:	4 hours 0 minutes	**Seat:**	32D (Non smoking) Confirmed
FF Number:	UAHTH31263	**Meal:**	Dinner

AIR - Friday, July 24, 2015

United Airlines Flight UA828 Economy Class

Check In Confirmation: GSCX9F *(*24 Hours Prior)*

Depart:	6:55 AM, Friday, July 24 A.B. Won Pat Intl Airport Guam, Guam	**Arrive:**	9:40 AM, Friday, July 24 Narita Airport-Terminal 1 Tokyo, Japan

Status:	Confirmed		
Booking Code:	S		
Equipment:	Boeing 777	**Stops:**	Non-stop
Duration:	3 hours 45 minutes	**Seat:**	29G (Non smoking) Confirmed
FF Number:	UAHTH31263	**Meal:**	Breakfast

AIR - Friday, July 24, 2015

United Airlines Flight UA7942 Economy Class
Operated By All Nippon Airways
Check In With All Nippon Airways (ANA)

Check In Confirmation: GSCX9F

Depart:	11:00 AM, Friday, July 24 Narita Airport-Terminal 1 Tokyo, Japan	**Arrive:**	10:40 AM, Friday, July 24 Dulles Intl Airport Washington, Dist of Columbia, USA

Status:	Confirmed		
Booking Code:	S		
Equipment:	Boeing 777-300ER	**Stops:**	Non-stop
Duration:	12 hours 40 minutes	**Seat:**	Assigned at Check In
FF Number:	UAHTH31263	**Meal:**	Meal

Invoice Details

Transaction / Document	Base	Tax	Total
United Airlines / 016 762535741516	1230.00	434.00	1664.00

Form of Payment: AX XXXXXXXXXXXX2293

TO 007 Travel 65

Processing Fee / 890 0658310397		43.00		43.00
	Form of Payment:	(b)(4);(b)(6)		
	Totals:	1273.00	434.00	USD 1707.00

Total Charged to Credit Card: USD 1707.00
Balance Due: USD 0.00

Fare Rules

• Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket.

Baggage Allowance

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip.

- Baggage Fees Allowances

Important Notes

• Your reservation number with United Airlines is GSCX8F. United Airlines contact phone number is 1-800-538-2929.

• Please check in at least 3 hours prior to departure. Late checkin may result in the loss of seat/reservation check in cut off time varies per carrier. Confirm with your carrier to avoid denied boarding.

• A valid passport is required for your journey. Passport must be valid at least 6 months beyond intended stay

• Passengers may carry travel sized toiletries or liquids 3 oz or less through security check points. They must fit in one quart sized, clear plastic zip-top bag. Visit www.tsa.gov.

• --TRAVEL ADVISORY ISSUED FOR Philippines --

• United Airlines freq. flyer nbr hth31263 appended

• This is an electronic ticket valid only on issuing airline.

• Passport and Etkt itinerary required for check in. Boarding passes required prior to entering security.

• Monday-Friday 9am-6pm EASTERN TIME CALL 1-800-552-6425. -FOR EMERGENCY SERVICE AFTER HOURS CALL 1-888-565-9174 AND GIVE -ACCESS CODE DCA352100. NOTE: IT IS NOT POSSIBLE TO MAKE NEW -RESERVATIONS WITH THE AFTER HOURS SERVICE. EMERGENCY TRAVEL ASSIST COLLECT IN Guam/Japan 416 928-5404. EMERGENCY TRAVEL ASSIST COLLECT IN Philippines/Japan 416. -- See website http://travel.state.Gov **to view details.-- -Emergency travel assist in Japan call collect 416 928-5404**

Invoice No: 68854

acc _ ss more

Federal law forbids the carriage of certain hazardous materials, such as aerosols, fireworks, and flammable liquids, aboard the aircraft. If you do not understand these restrictions, contact your airline or go to: http://www.faa.gov/about/initiatives/hazmat_safety/

For Aircraft Disinsection Requirements http://ostpxweb.dot.gov/policy/safetyenergyenv/disinsection.htm

Sent To [redacted] (b)(6) [redacted]

TD 007 6C

Delta Air Lines Flight DL4652 Economy Class
Operated By Skywest Dba Delta Connection
Check In With SKYWEST DBA DELTA CONNECTION

Check In Confirmation:
GHNCVF

Depart:	10:00 AM Friday, June 19 Dulles Intl Airport Washington, Dist. of Columbia, USA	Arrive:	11:29 AM, Friday, June 19 Wayne County Airport-Terminal Em Detroit, Michigan, USA
Status:	Confirmed	Booking Code:	Q
Equipment:	Canadair Regional Jet	Stops:	Non-stop
Duration:	1 hours 29 minutes	Seat:	09B (Non smoking, Aisle) Confirmed
Phone:	1-800-221-1212	Meal:	None

Weather | Flight Status *(up to 3 days prior)*

Delta Air Lines Flight DL275 Economy Class

Check In Confirmation:
CVNRVE *(*24 Hours Prior)*

Depart:	1:55 PM, Friday, June 19 Wayne County Airport-Terminal Em Detroit, Michigan, USA	Arrive:	9:35 PM, Saturday, June 20 Ninoy Aquino Intl Airport-Terminal 3 Manila, Philippines
Status:	Confirmed	Booking Code:	Q
Equipment:	Boeing 747-400	Stops:	Tokyo
Duration:	19 hours 40 minutes	Seat:	Assigned at Check
Phone:	1-800-221-1212	Meal:	Dinner

Weather | Flight Status *(up to 3 days prior)*

Philippine Airlines Flight PR1849 Economy Class

tion:
YZQ

Depart:	9:00 AM, Tuesday, June 23 Ninoy Aquino Intl Airport-Termina 2 Manila, Philippines	Arrive:	10:15 AM, Tuesday, June 23 Mactan Intl. Airport Cebu, Philippines
Status:	Confirmed	Booking Code:	N
Equipment:	Airbus Industrie A321	Stops:	Non-stop
Duration:	1 hours 15 minutes	Seat:	23C (Non smoking) Confirmed
Meal:	Snack or Brunch		
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)*

Philippine Airlines Flight PR1836 Economy Class

Check In Confirmation:
[illegible]

Depart:	4:50 AM, Saturday, June 27 Mactan Intl. Airport Cebu, Philippines	Arrive:	6:00 AM, Saturday, June 27 Ninoy Aquino Intl Airport-Terminal 2 Manila, Philippines
Status:	Confirmed	Booking Code:	N
Equipment:	Airbus Industrie A321	Stops:	Non-stop
Duration:	1 hours 10 minutes	Seat:	23C (Non smoking) Confirmed
Meal:	Snack or Brunch		
Remarks:	Not eligible for web check in		

Weather | Flight Status *(up to 3 days prior)*

TD 007 Travel 9

Delta Air Lines Flight DL276 Economy Class

Check In Confirmation: [redacted] (24 Hours Prior)

Depart:	9 25 AM, Saturday, June 27 Ninoy Aquino Intl Airport-Terminal 3 Manila, Philippines	**Arrive:**	4 28 PM, Saturday, June 27 Wayne County Airport-Terminal Em Detroit, Michigan, USA
Status:	Confirmed	**Booking Code:**	L
Equipment:	Boeing 747-400	**Stops:**	Tokyo
Duration:	19 hours 3 minutes	**Seat:**	Assigned at Check In
Meal:	Breakfast		

Weather | Flight Status (up to 3 days prior)

Delta Air Lines Flight DL5121 Economy Class
Operated By Expressjet Dba Delta Connection
Check In With EXPRESSJET DBA DELTA CONNECTION

Check In Confirmation: [redacted]

Depart:	8 27 PM, Saturday, June 27 Wayne County Airport-Terminal Em Detroit, Michigan, USA	**Arrive:**	9 55 PM, Saturday, June 27 Dulles Intl Airport Washington, Dist of Columbia, USA
Status:	Confirmed	**Booking Code:**	L
Equipment:	Canadair Regional Jet 700	**Stops:**	Non-stop
Duration:	1 hours 29 minutes	**Seat:**	14C (Non smoking, Aisle) Confirmed
Phone:	1-800-221-1212	**Meal:**	None

Weather | Flight Status (up to 3 days prior) | Dining Reservations

Transaction / Document		Base	Tax	Total
Delta Air Lines	06 7621 19897273	2313 00	445 66	2758 66
	Form of Payment	[redacted]		
Processing Fee	890 0658133159	43 00		43 00
	Form of Payment	[redacted]		
	Totals:	2356 00	445 66	USD 2801 66

Total Charged to Credit Card: USD 2801 66
Balance Due: USD 0 00

* Airline policy - Fare is not guaranteed until ticketed. This ticket is non refundable and non transferable. Changes are subject to fare Upgrade and change fee. Missing your flight without cancellation may result in the forfeiture of the value of your airline ticket

Baggage allowance, specific size and weight restrictions vary between airlines. Please visit the link below to view the allowances and possible fees for your trip

- Baggage Fees Allowances

7a

Duration:	11 hours 35 minutes	**Seat:**	68D (Non smoking Aisle) Confirmed
FF Number:	UAWKW91787	**Meal:**	Meal

• Weather • Flight Status [illegible]

Invoice Details

Transaction / Document		Base	Tax	Total
Delta Air Lines / 006 7621199134		3254 00	200 72	3454 72
	Form of Payment	(b)(4) (b)(6)		
Asiana Airlines / 988 7621199135		1502 00	10 91	1512 91
	Form of Payment	(b)(4) (b)(6)		
United Airlines / 016 7621199136		2875 00	401 22	3276 22
	Form of Payment	(b)(4) (b)(6)		
Philippine Airlines / 079 7621199137		176 00	4 49	180 49
	Form of Payment	(b)(4) (b)(6)		
Processing Fee / 890 0658174672		43 00		43 00
	Form of Payment	(b)(4) (b)(6)		
	Totals:	7850 00	617 34	USD 8467 34

Total Charged to Credit Card: USD 8467 34

Balance Due: USD 0 00

Baggage Fees & Allowances

Baggage allowance specific size and weight restrictions vary between airlines Please visit the link below to view the allowances and possible fees for your trip

- Baggage Fees/Allowances

Important Information

• Delta lax mnl $3454 72 Philippines mnl-ceb $180 49 asiana ceb ala $1512 91 United ala-lax $3277 21 total $8425 33 refundable

Invoice No 68388~68389~68390~68391

access more

Federal law forbids the carriage of certain hazardous materials such as aerosols fireworks and flammable liquids aboard the aircraft If you do not understand these restrictions contact your airline or go to http www faa gov about/initiatives hazmat_safety

For Aircraft Disinsection Requirements http ostpxweb dot gov policy safetyenergyenv disinsection htm

Sent To (b)(6) [redacted] notabiota@uniglobekentlands com invoices@uniglobekentlands com

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TD 008 Clinician Training - Uganda

Objectives
Identify gaps in current country-specific training systems and develop clinical training materials to address those gaps and sustainably increase the capacity of medical practitioners at the sub-national level of healthcare systems to identify, diagnose & report disease outbreaks.

Period of Performance: 05/16/15-08/18/15
Total Estimated Budget: S2,769,776.00
Estimated Expenditure: S737,361.00
Technical Direction Status: Cancelled

Completed Activities

- Metabiota completed the audit of an invoice updated and re-submitted by subcontractor, the Alliance, for labor and materials used during the period of active performance.
- A final cost for time and materials used during the period of active performance was aggregated through an iterative process with subcontractor, the Alliance, to support accuracy and comprehensiveness.
- A final invoice for TD-008 Clinician Training Uganda has been developed and prepared for submission to DTRA.

Upcoming Activities

- Final submission of Metabiota invoice to DTRA

Challenges
Finalization of Metabiota's invoice to DTRA for time and materials supporting Clinician Training Uganda was further delayed by our continued need to audit the invoice and supporting documentation produced by subcontractor the Alliance. The Alliance as an organization is traditionally unfamiliar with the time and materials contract mechanism, and experienced significant challenges in producing a comprehensive invoice. Extensive communication and technical support was required to support this effort.

TD 009 NHLS BS&S Training - South Africa

Objectives
Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/15- 05/15/16
Total Estimated Budget: S335,608.00
Estimated Expenditure: S85,138.00
Technical Direction Status: Approved

Completed Activities

- Metabiota personnel engaged in teleconferences and email communications with both NHLS and DTRA personnel.
- Metabiota submitted a Training Event Plan, which was approved.
- Metabiota worked with NHLS personnel to identify appropriate participants for the fit-testing training event. Metabiota drafted a CLS request containing these participant's information, along with a venue request. This CLS form was submitted to DTRA.
- Metabiota began the procurement of PortaCount Pro fit testers from TSI, Inc.
- Metabiota investigated multiple vendors for iPad pricing and began the procurement of iPads from Apple, Inc.
- Metabiota and NHLS personnel generated fit-testing training materials from established protocols provided by TSI, Inc.
- Metabiota drafted a CLS form for shipping needs and sent this onward to DTRA for submission to the CLS contractor.
- Metabiota drafted and submitted a Travel Authorization request with plug data; this request was approved.
- The Metabiota team members at NHLS began identifying additional requirements for the OHASIS module development.

Upcoming Activities

- BS&S training videography is expected to begin soon.
- PortaCount fit testers and iPads are expected to be delivered to the CLS shipping warehouse for further shipment to South Africa.
- The fit testing training event is scheduled to occur at the end of November.

Challenges

Coordination with CLS on both the training venue/logistics and procurement shipping/logistics has been cumbersome as we are routing all communications through DTRA/A&AS.

TD 010 One Health Epi Training - South Africa

Objectives

Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/15- 12/31/15
Total Estimated Budget: $134,551.00
Estimated Expenditure: $50,392.00
Technical Direction Status: Approved

Completed Activities

- Development and delivery of structured outline to support the training materials and landscape review process.
- Conducted bi-weekly conference calls with DTRA CBEP personnel and A&AS support contractors.
- Conducted bi-weekly conference calls with South African stakeholders supporting the

TD 009 NHLS BS&S Training - South Africa

Objectives

Reduce the risk of laboratory exposures of potentially dangerous pathogens through increased BS&S capabilities of South Africa's National Health Laboratory Service (NHLS) to, ultimately, mitigate risk associated with handling potential hazards and protect individuals operating in potentially hazardous environments.

Period of Performance: 05/16/2015-05/15/2016

CLIN	Total Cost	Total Accrual	Total Remaining
1002	$205,037.00	$40,107.77	$164,929.23
1003	$111,454.09		$111,454.09
1004	$4,092.47		$4,092.47
1005	$15,024.00		$15,024.00
TOTAL	$335,607.56	$40,107.77	$295,499.79

CLIN 1002 – Labor

Labor costs for this project include PM and PC activities, such as maintenance of the objective 1 activities from the base year, coordinating the efforts of the NHLS team, proposal development, initiation of procurements, and subcontract modification development to incorporate Objectives 2 and 3. Costs also include accruals of labor projected for NHLS staff for this time period.

Program Manager: 84.5 Hours

Metabiota's (b)(6) performed as Program Managers while Metabiota identified ideal candidates for the position. During this time, they participated in proposal development, including the assisting with the development of the overall project budget and the drafting of text for both the technical and management approaches. (b)(6) took over as Program Manager in June and finalized proposal development. He also oversaw development of project plan. Dennis provided oversight for subcontract modification and coordination of the project activities, including communications with DTRA/A&AS and the subcontractor team in South Africa.

NHLS Program Manager David Jones led coordination with Metabiota and oversaw efforts of South African team to meet project goals. He also secured quotes for procurement of materials and equipment from South African vendors for comparison with US vendors. Leading coordination of approvals of paperwork through NHLS management.

Trainer 1: 59 Hours

(b)(6) led the development of the project plan and led subcontract modification to include drafting of SOW, project charter, and project schedule. She provided expertise in contract development to assist NHLS performers in understanding DOD requirements. She drove coordination of project activities, including communications with the subcontractor team in South Africa and the initiation of procurement activities.

Research and Data Analyst: 18.5 Hours

(b)(6) participated in proposal development to include the drafting of text for both the technical and management approaches.

(b)(6) of NHLS Participated in subcontract modification discussions. He assisted in securing quotes for procurement of materials and equipment from South African vendors and coordinating approvals of paperwork through NHLS management.

Subject Matter Expert 3: 74 Hours

(b)(6) provided historical knowledge and data to the new program manager and assisted with his transition to include assisting with budget development and the drafting of text for both the technical and management approaches. She coordination with NHLS team on continuation of Objective 1 from the base year. Secured quotes for procurement of materials and equipment from US vendors.

CLIN 1003 – Materials and Supplies

No material costs have been incurred.

CLIN 1004 – ODCs

DBA insurance is being acquired for all Metabiota personnel or subcontractors working outside of the United States but this cost has not been finalized or invoiced at this time.

CLIN 1005 – Travel

No travel costs have been incurred at this time.

Metabiota

Invoice:	INV-0000000239	**Invoice End Date**	7/31/15
Invoice Amount	40,107.77	**Invoice Due Date**	2015-10-08
Remit To:		**Bill To:**	
Metabiota,Inc.		Defense Threat Reduction Agency	
1 Sutter Street, Suite 600		8725 John J. Kingman Rd.	
San Francisco		Ft. Belvoir	
CA		VA	
94104		22060-6201	

TD-009 NHLS

Transaction Project ID	PLC Cd	PLC Desc	Name	Bill Hours	Billing Rate	Amount To Bill	Cumulative Hours	Cumulative Amount

(b)(4); (b)(6)

- Metabiota personnel engaged in teleconferences and email communications with both NHLS and DTRA personnel.
- Metabiota submitted a Training Event Plan, which was approved.
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- Metabiota drafted and submitted a Travel Authorization request with plug data; this request was approved.
- The Metabiota team members at NHLS began identifying additional requirements for the OHASIS module development.

Upcoming Activities

- BS&S training videography is expected to begin soon.
- PortaCount fit testers and iPads are expected to be delivered to the CLS shipping warehouse for further shipment to South Africa.
- The fit testing training event is scheduled to occur at the end of November.

Challenges

Coordination with CLS on both the training venue/logistics and procurement shipping/logistics has been cumbersome as we are routing all communications through DTRA/A&AS.

TD 010 One Health Epi Training - South Africa

Objectives

Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/15- 12/31/15
Total Estimated Budget: $134,551.00
Estimated Expenditure: $50,392.00
Technical Direction Status: Approved

Completed Activities

- Development and delivery of structured outline to support the training materials and landscape review process.
- Conducted bi-weekly conference calls with DTRA CBEP personnel and A&AS support contractors.
- Conducted bi-weekly conference calls with South African stakeholders supporting the

review and modification of one health epidemiology materials.
- Conducted individual calls with each South African stakeholder to ensure understanding of project scope of work and to provide opportunity for direct questions.
- Completion of module 1 review and analysis of one health epidemiology materials by Metabiota Subject Matter Expert.
- Technical discussions between Metabiota Epidemiology Subject Matter Expert and South African stakeholders regarding training goals and training needs in country.

Upcoming Activities
- Continued development of OHE Landscape Review report to include identification of section leads among South African stakeholders and the Metabiota Project Team.
- Solidification of dates for in-country materials review and modification meeting.
- Submission of relevant TEP for in-country assessment.
- Continue to ensure effective coordination of communication between stakeholders involved in the materials review process.

Challenges
A misunderstanding in project scope was identified to have occurred among the South African stakeholders. They were collectively under the impression that One Health Epidemiology South Africa was related to an effort implemented by a DTRA country manager previous to [redacted]. This lead to questions and some confusion regarding the existing scope of work; however, this misunderstanding has since been rectified. Additionally, in country stakeholders have had some level of trouble attending regularly scheduled bi-weekly calls with the Metabiota Project Team due to availability and other obligations.

TD 013 One Health Epi Training - Uganda

Objectives
Increase the operational biosafety and bio-surveillance capacity of Ugandan and Nigerian National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/15- 02/29/15
Total Estimated Budget: $381,705.00
Estimated Expenditure: $135,337.00
Technical Direction Status: Approved

Completed Activities
- Completion of Cohort 9 Module 1 One Health training in Jinja, Uganda (October 19- 23, 2015).
- Submission of TAF, CCR, CLS, and BOM in support of Cohort 9 Module 2 to take place in Jinja, Uganda.
- Submission of TEP, TAF, CCR, CLS, and BOM in support of Cohort 10 Module 1 to take place in Kabarole, Uganda.

Objectives

Increase the operational biosafety and bio-surveillance capacity through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015 - 12/3/2015

CLIN	Total Obligation	Total Invoiced	Total Remaining
1002	$124,815.63	$22,820.66	$101,994.97
1003	$663.20	$0.00	$663.20
1004	$576.60	$0.00	$576.60
1005	$8,496.50	$0.00	$8,496.50
TOTAL	$134,551.93	$22,820.66	$111,731.27

CLIN 1002 – Labor

Per contractual agreement with DTRA CBEP it was determined that this non-legacy project will not begin incurring operational costs prior to technical direction approval. Listed below is a breakdown of labor activity associated with proposal development and related proposal development communication with DTRA CBEP representation.

Program Manger: 48 Hours

(b)(6) was responsible for leading the development of the original technical proposal and for managing and assigning tasks to all those involved in the process. He was responsible for communication to DTRA during this time (b)(6) assumed the management role upon his arrival at Metabiota and took over the responsibility of maintaining communication with DTRA CBEP representation, setting up bi-weekly calls, developing a communication plan, and ensuring that the Metabiota project team was prepared for the approval of the technical direction.

Trainer 1:

(b)(6) was tasked with building out the technical proposal at the direction of (b)(6) and with input from (b)(6) She was also responsible for providing expertise on government and DOD requirements, working with (b)(6) to develop a communication strategy with all stakeholders.

Trainer 3: 12.5 Hours

(b)(6) activities included technical support for proposal development with regard to training scheduling and timeline development regarding the materials review process.

Subject Matter Expert 3: 30 Hours

(b)(6) provided technical expertise in proposal development. (b)(6) was tasked to ensure that adequate time and Level of Effort was assigned to each labor category from a technical perspective. She was also tasked with providing advice and insight to the program manager and program coordinator regarding the development of the operational phase timeline.

CLIN 1003 – Materials and Supplies
No Costs Incurred

CLIN 1004 – ODCs
No Costs Incurred

CLIN 1005 – Travel
No Costs Incurred

Metabiota

Invoice:	INV-0000000239	**Invoice End Date**	7/31/15
Invoice Amount	903,658.46	**Invoice Due Date**	2015-10-08
Remit To:		**Bill To:**	
Metabiota,Inc.		Defense Threat Reduction Agency	
1 Sutter Street, Suite 600		8725 John J. Kingman Rd.	
San Francisco		Ft. Belvoir	
CA		VA	
94104		22060-6201	

TD-010 One Health Epi South Arica

Transaction Project ID	PLC Cd	PLC Desc	Name	Bill Hours	Billing Rat	mount To Eumulative Hou	Cumulative Amount

(b)(6)

Challenges
Due to the large size of this event, questions concerning the coordination of travel requirements have arisen. Metabiota is in communication with key CBEP personnel, CLS, and Gryphon Scientific to clarify roles and responsibilities and ensure that all required information is collected and provided to CLS. Additionally, outreach efforts will be expanded to increase the number of abstracts submitted and participants attending the Conference.

TD005 Long Distance Learning Iraq- Cancelled

Period of Performance: 06/01/15 – 09/30/16
Total Estimated Budget: $874,846.00
Total Expenditure: 0.00
Technical Direction Status: Cancelled

EUCOM

TD 011 Ukraine TADR Activity Project 4 (TAP-4)

Objectives
The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/15/15-01/31/16
Total Estimated Budget: $116,879,54
Estimated Expenditure: $57,687.00
Technical Direction Status: Approved

Completed Activities
- Travel arrangements for Metabiota personnel were established.
- Metabiota confirmed the Ukrainian participant list and followed up with A&AS regarding CLS's arrangements for the Ukrainian delegation after identifying unusual flight arrangements that arrived very late into Georgia.
- Metabiota developed a short presentation for the Metabiota slot of workshop day 2.
- Metabiota personnel participated in conference calls and email communications with the broader ASF working group and also with SAFOSO specifically.
- The Ukrainian personnel continued with the distribution of educational materials and outreach activities.
- (b)(6) reprinted several of his ASF-related research posters for presentation at the November conference.

Upcoming Activities
- TAP-4 final workshop occurred in early November; travel trip report and final closeout to occur.

Challenges

Beyond the current ASF outbreak in Ukraine, no significant challenges were encountered.

TD 012 Ukraine Project 2 (UP-2)

Objectives
The overarching objectives of this project are to develop both explanatory and predictive, spatially-explicit models to explore the geography and ecology of EDPs, specifically Francisella tularensis, the causative agent of tularemia, and Bacillus anthracis, the causative agent of anthrax, across Ukraine at multiple spatial scales.

Period of Performance: 05/16/15-09/30/2015
Total Estimated Budget: $264,788.00
Estimated Expenditure: $297,064.00
Technical Direction Status: Approved, Complete (Transferred to BTRIC TO4)

Completed Activities
- Project transitioned to BTRIC TO4.

Upcoming Activities
- Closing out invoicing for Kansas State University and Ukrainians via CRDF Global.

Challenges
None identified.

TD 016-Georgia GIS

Objectives
Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15-05/15/16
Total Estimated Budget: $139,514.62
Estimated Expenditure: $8,489.00
Technical Direction Status: Approved

Completed Activities
- Metabiota achieved agreement with the GIS subject matter expertise team at University of Florida on scope and budget.
- Metabiota began preliminary coordination with CBR project leads in order to understand needs.
- Metabiota developed and submitted a revised proposal as a result of ground-truthing the actual project requirements from project teams and Forms A of the relevant CBR projects.

Upcoming Activities
- Metabiota will finalize the subcontract with the UF team.

TD 011 Ukraine TADR Activity Project 4 (TAP-4)

Objectives

The overarching focus of TAP-4 is to establish and standardize a regional alliance between several CBEP partner countries within Eastern Europe to raise awareness to and provide education on ASF.

Period of Performance: 05/16/2015 - 01/31/2015

CLIN	Total ROM	Total Invoiced	Total Remaining
1002	$111,733.00	$38,283.07	$73,449.93
1003	$105.27	$0.00	$105.27
1004	$2,768.39	$0.00	$2,768.39
1005	$16,462.50	$8,122.49	$8,340.01
TOTAL	$131,069.16	$46,405.56	$84,663.60

CLIN 1002 – Labor

The primary labor costs for TAP-4 have been subject matter expertise in the form of two Trainer 2's from SAFOSO AG. The SAFOSO trainers implemented the 3rd training workshop in Lviv, Ukraine for the regional African swine fever (ASF) outreach program involving Armenia, Georgia, Kazakhstan, and Ukraine. The SAFOSO trainers also implemented a training-of-trainers in Kyiv, Ukraine, specific to the Ukrainian veterinary community. Additionally, PM and PC costs have been incurred in finalizing the SAFOSO subcontract under the T&M mechanism, managing requests from the Ukrainian participants, and in preparing for the final workshop to be held in Tbilisi, Georgia in November.

Program Manager: 64.5 Hours

(b)(6) led proposal development, including the development of the overall project budget and the drafting of text for both the technical and management approaches. He oversaw subcontract development to include editing of SOW and ensuring progress through Metabiota's contracts shop as well as project activities, including communication with BTRIC personnel integrating efforts with the Ukrainian veterinarians.

Trainer 1: 23 Hours

(b)(6) was responsible for assisting with proposal development, to include the drafting of text for both the technical and management approaches, and assisting with ensuring CDRLs such as Training Event Plans, Travel Authorization Requests, and more are delivered in a timely fashion. She Participated in calls with DTRA/A&AS to assist PM in ensuring all relevant information was delivered.

Trainer 2: 155 hours

SAFOSO trainers (b)(6) led the development of workshop agendas and coordination of the various country participants in developing tailored training materials for use in each country's respective outreach efforts. They also developed the Ukraine-specific workshop where a training of trainers occurred to teach the Ukrainian veterinary community how to conduct outreach.

CLIN 1003 – Materials and Supplies

No material costs have been incurred.

CLIN 1004 – ODCs
No ODCs were incurred in the T&M period.

CLIN 1005 – Travel
Travel costs were incurred for both [redacted] and SAFOSO trainers during the 3rd training workshop in Lviv. The travel costs for SAFOSO have not yet been invoiced; existing travel costs here come from the portion of [redacted] travel that followed the transition to the T&M.

Metabiota

Invoice:	INV-0000000239	**Invoice End Date**	7/31/15
Invoice Amount	46,405.56	**Invoice Due Date**	2015-10-08
Remit To:		**Bill To:**	
Metabiota,Inc		Defense Threat Reduction Agency	
1 Sutter Street, Suite 600		8725 John J. Kingman Rd	
San Francisco		Ft. Belvoir	
CA		VA	
94104		22060-6201	

TD-011 TAP 4

Transaction Project ID	PLC Cd	Pl.C Desc	Name	Bill Hours	Billing Rate	Amount To Bill	Cumulative Hours	Cumulative Amount

(b)(4); (b)(6)

(b)(6)

United States

LEOPOLIS

Кімната\Room	319
Приїзд\Arrival	18.05.15
Виїзд\Departure	22.05.15
Стор\Page No	1 of 1
Рахунок\Folio No	51821
Бронь\Conf. No.	663523
Касир\Cashier No.	21
User ID	VBO

INVOICE
A/R Number \ ЕДРПОУ
Company \ Компанія
TA Agent \ Тур. агенція

Дата \ Date	Текст \ Text	Послуги \ Charges UAH	Сплати \ Credits UAH
20.05.15	Lobby Bar - Drinks	3,490.00	
22.05.15	American Express		3,490.00

$320.07

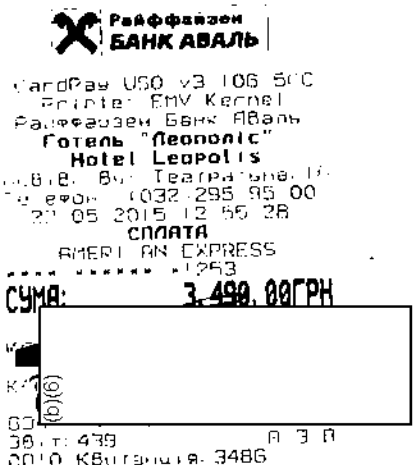
Total	**3,490.00**	**3,490.00**
Balance		**0.00 UAH**
Total incl. taxes		**3,490.00 UAH**
Net Amount		**2,769.84 UAH**
VAT 20%		**553.97 UAH**

I hereby agree to be jointly and severally liable with the person, company or association as may be indicated on this folio for all charges incurred on all accounts of which I may now or hereafter, maintain with the hotel.

Цим я даю свою згоду на те, щоб нести особисту та спільну відповідальність з особою, компанією чи товариством, як зазначено у цьому рахунку, за сплату усіх коштів, нарахованих за надані послуги або ті послуги, які я можу зараз або надалі отримати в готелі.

Постачальник \ Supplier:
Готель "Леополіс" \ Hotel Leopolis
ТзОВ «Ейч Ті Проперті Вест», ЕДРПОУ 35969209
p/p – 26007000009272 в ВАТ «Фольксбанк» - МФО 325213
ІПН 359692013042, номер свідоцтва 100128959
Є платником податку на прибуток на загальних підставах

Підпис гостя / Guest Signature _____





Дякуємо, що об **Thank You For Staying With Us**

Leopolis
, 79008 Lviv, Ukraine
) Fax: +380 32 295 95 99
For reservations e-mail: reservations@ leopolishotel.com
www.leopolishotel.com

TD 011 Travel 1

(b)(6)

United States

LEOPOLIS

Кімната\Room	:	319
Приїзд\Arrival	:	18.05.15
Виїзд\Departure	:	22.05.15
Стор\Page No.	:	1 of 1
Рахунок\Folio No	:	51810
Бронь\Conf. No.	:	663523
Касир\Cashier No	:	21
User ID	:	VBO

INVOICE
A/R Number \ ЄДРПОУ
Company \ Компанія
TA Agent \ Тур. агенція

Дата \ Date	Текст \ Text	Послуги \ Charges UAH	Сплати \ Credits UAH
21.05.15	Accommodation	45,259.18	
21.05.15	City Tourist Tax	319.80	
22.05.15	American Express		45,578.98
	Total	**45,578.98**	**45,578.98**

Balance	**0.00**	**UAH**
Total incl. taxes	**45,578.98**	**UAH**
Net Amount	**37,716.27**	**UAH**
VAT 20%	**7,542.91**	**UAH**
City Tourist Tax	**319.80**	**UAH**

I hereby agree to be jointly and severally liable with the person, company or association as may be indicated on this folio for all charges incurred on all accounts or which I may now or hereafter, maintain with the hotel

Цим я даю свою згоду на те, щоб нести особисту та спільну відповідальність з особою, компанією чи товариством, як зазначено у цьому рахунку, за сплату усіх коштів, нарахованих за надані послуги або ті послуги, які я можу зараз або надалі отримати в готелі.

Постачальник \ Supplier:
Готель "Леополіс" \ Hotel Leopolis
ТзОВ «Ей+ Ті Проперті Вест», ЄДРПОУ 35869209
р/р – 26007000009272 в ЗАТ «Фольксбанк» - МФО 325213
ІПН - 359692013042, номер свідоцтва 100128959
Є платником податку на прибуток на загальних підставах.

$ 2,278.9[illegible]

Підпис гостя / Guest Signature _____

Райффайзен БАНК АВАЛЬ

[illegible]
Готель "Леополіс"
Hotel Leopolis
[illegible]
СПЛАТА
[illegible] EXPRESS
**** ****** [illegible]
СУМА: 45,578.98ГРН
[illegible]

Дякуємо, що обрали нас — Thank You For Staying With Us

Hotel Leopolis
Teatralna street 16, 79008 Lviv, Ukraine
Tel.: +380 32 295 95 00 Fax: +380 32 295 95 99
For reservations e-mail: reservations@leopolishotel.com
www.leopolishotel.com

TD 011 Items 2A

Holiday Inn

(b)(6) [redacted]
8757 Georgia Ave Suite 420
Silver Spring Md
Usa 20910
United States

INFORMATION INVOICE

Guest Name (b)(6) [redacted]
Membership No.
Group Code
Company Name

Room No	:	0221
Arrival		14-05-15
Departure	:	18-05-15
Conf. No.	:	60284036
Cashier No.	:	
User ID	:	KOSHTUK
Folio No.		

Page No. : 2 of 2

Date	Description	Debit UAH	Credits UAH
	Total	14,297.47	14,297.47

Balance	0.00 UAH
Total incl. VAT	14,297.47 UAH
Folio amount NET	11,796.59 UAH
VAT 20%	2,382.92 UAH
City Tax 1%	117.96 UAH

$666.13

EXIM BANK

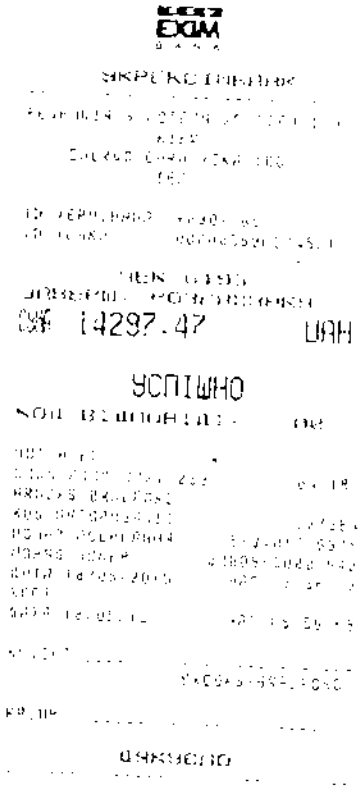
ЭКСПЕКТИВНЫЙ

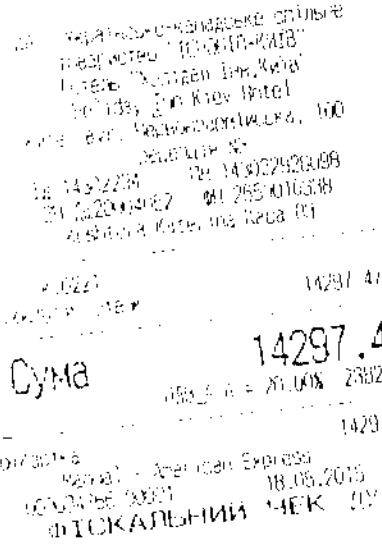
14297.47 UAH

УСПІШНО

Сума 14297.47

ФІСКАЛЬНИЙ ЧЕК





I agree that my liability for this bill is not waived

Issued By: (b)(6) [redacted]

Ukraine, 03015, Kyiv

Holida

(b)(6)
8757 Georgia Ave Suite 420
Silver Spring Md
Usa 20910
United States

INFORMATION INVOIC (b)(6)
Guest Name
Membership No. :
Group Code :
Company Name :

Room No. : 0221
Arrival : 22-05-15
Departure : 27-05-15
Conf. No. : 60287639
Cashier No. .
User ID : (b)(6)
Folio No. :

Date	Description	Debit UAH	Credits UAH
22-05-15	*Accommodation"	2,647.50	
22-05-15	20% VAT	529.50	
22-05-15	Tourist Fee (1%)	26.48	
22-05-15	20% VAT	5.30	
23-05-15	*Accommodation"	2,647.50	
23-05-15	20% VAT	529.50	
23-05-15	Tourist Fee (1%)	26.48	
23-05-15	20% VAT	5.30	
24-05-15	*Accommodation"	2,647.50	
24-05-15	20% VAT	529.50	
24-05-15	Tourist Fee (1%)	26.48	
24-05-15	20% VAT	5.30	
25-05-15	*Accommodation"	2,093.60	
26-05-15	*Accommodation"	2,088.05	
27-05-15	Manual - American Express		12,000.00
27-05-15	Manual - American Express		1,807.99
	Total	13,807.99	13,807.99

Balance	0.00 UAH
Total Incl. VAT	13,807.99 UAH $673.95
Folio amount NET	11,392.71 UAH
VAT 20%	2,301.34 UAH
City Tax 1%	113.94 UAH

TD on Travel 2C

Invoice

.com

KievApartment
Kiev 01001, Ukraine
Tarasha Shevchenko Lane 13/21B
+38 044 2792763 (65)

Invoice # 270515

Bill To (b)(6)

Order Details

Qty	Description	Price	Amount
1.	27.05.2015 – trip to KBP airport	720.00 uah.	720.00 uah.

3410

Total services on this order	Order Total	720.00 uah.
	Charge tax 33.00$	
	Paym	720.00 uah.

(b)(6)

TDoll Travel 3

Invoice

KievApartment
Kiev, Ukraine
13/21B Shevchenko lane, office 401

Invoice #
23012156

Bill To Black@Veach

(b)(6)

Order Details

Qty	Description	Price	Amount
1.	Airport transfer (by AMEX credit card)	740.00 UAH	740.00 UAH

Total services on this order	Order Total		740.00 UAH
	Amount in $	$ 33.00	
	Payment amount		740.00 UAH

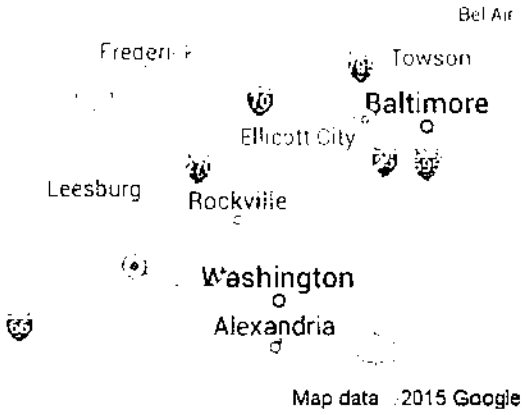
-$36.81

(b)(6)

TD 011 Travel 4

Subject: Your Wednesday afternoon trip with Uber
Date: Thursday, May 14, 2015 at 11:36:54 AM Eastern Daylight Time
From: Uber Receipts
To:
CC: (b)(6)

$74.89



Subtotal	**$73.89**
	1.00
	$74.89

02:03pm

03:15pm

uberX 58.82 01:12:30

(b)(6) (b)(6)

TD 011 Travel 5

6a	158.50
6b	11.67
6c	12.00
	182.37

TD 11 Travel 6a

Invoice

.com

KievApartment
Kiev 01001, Ukraine
Tarasha Shevchenko Lane 13/21B
+38 044 2792763 (65)

Invoice # 270515

Bill To (b)(6)

Order Details

Qty	Description	Price	Amount
1.	22.05.2015 – trip from the airport train station	240.00 uah.	240.00 uah.

$11087

Total services on this order	Order Total		240.00 uah.
	Charge tax	11.00$	
			240.00 uah.

(b)(6)

TD on Page 66

Invoice

.com

KievApartment
Kiev 01001, Ukraine
Tarasha Shevchenko Lane 13/21B
+38 044 2792763 (65)
Bill To (b)(6)

Invoice # 270515

Order Details

Qty	Description	Price	Amount
1.	22.05.2015 – trip from the airport train station	240.00 uah. $12.00	240.00 uah.
Total services on this order	Order Total		240.00 uah.
	Charge tax	11.00$	
			240.00 uah.

(b)(6)

TD Oil Travel 6 C

Beyond the current ASF outbreak in Ukraine, no significant challenges were encountered.

TD 012 Ukraine Project 2 (UP-2)

Objectives
The overarching objectives of this project are to develop both explanatory and predictive, spatially-explicit models to explore the geography and ecology of EDPs, specifically Francisella tularensis, the causative agent of tularemia, and Bacillus anthracis, the causative agent of anthrax, across Ukraine at multiple spatial scales.

Period of Performance: 05/16/15-09/30/2015
Total Estimated Budget: $264,788.00
Estimated Expenditure: $297,064.00
Technical Direction Status: Approved, Complete (Transferred to BTRIC TO4)

Completed Activities
- Project transitioned to BTRIC TO4.

Upcoming Activities
- Closing out invoicing for Kansas State University and Ukrainians via CRDF Global.

Challenges
None identified.

TD 016-Georgia GIS

Objectives
Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15-05/15/16
Total Estimated Budget: $139,514.62
Estimated Expenditure: $8,489.00
Technical Direction Status: Approved

Completed Activities
- Metabiota achieved agreement with the GIS subject matter expertise team at University of Florida on scope and budget.
- Metabiota began preliminary coordination with CBR project leads in order to understand needs.
- Metabiota developed and submitted a revised proposal as a result of ground-truthing the actual project requirements from project teams and Forms A of the relevant CBR projects.

Upcoming Activities
- Metabiota will finalize the subcontract with the UF team.

TD 012 Ukraine Project 2 (UP-2)

Objectives

The overarching objectives of this project are to develop both explanatory and predictive, spatially-explicit models to explore the geography and ecology of EDPs, specifically Francisella tularensis, the causative agent of tularemia, and Bacillus anthracis, the causative agent of anthrax, across Ukraine at multiple spatial scales.

Period of Performance: 05 16 2015 - 05/16/2016

CLIN	Total $(CM)	Total Invoiced	Total Remaining
1002	$433,233.00	$26,469.00	$406,764.00
1003	$135,002.37	$2,979.14	$132,023.23
1004	$172,190.60		$172,190.60
1005	$56,587.08		$56,587.08
TOTAL	$797,013.05	$29,448.14	$767,564.91

CLIN 1002 – Labor

The primary labor costs on Metabiota AEP for UP-2 have been program management (PM) and project coordination (PC) costs. The main drivers of the costs were incurred in planning for expeditions by the US collaborators (WRAIR, UF, KSU) on this project to Ukraine to work with the Ukrainian scientists. Additionally, some PM/PC costs incurred are associated with the work necessary to transition to a T&M contract, including proposal development and subcontract development. We have accrued some labor costs for (b)(6) (KSU) effort in continuing his efforts on land use/land cover analysis and in preparing for the August field trip.

Program Manager: 94.50 Hours

(b)(6) led proposal development, including the development of the overall project budget and the drafting of text for both the technical and management approaches. He provided oversight on subcontract development to include editing of SOWs., coordination of the project activities, including communication with BTRIC personnel integrating efforts and procurement efforts for biological safety cabinet (BSC) re-certification and laboratory and field collection supplies for Ukrainian institutes. He also leads a twice-monthly telecom with project stakeholders including WRAIR, UF, KSU, and DTRA.

Training Manager: 65.50 Hours

(b)(6) assisted with proposal development, including the drafting of text for both the technical and management approaches. She provided coordination of the project training activities, including communication with BTRIC personnel integrating efforts. She assisted with procurement efforts for BSC re-certification and laboratory and field collection supplies for Ukrainian institutes. Ensured progress of the subcontracts (including purchase orders) through the Metabiota contracts shop.

Subject Matter Expert 3: 20 Hours

(b)(6) provided Land cover/land use subject matter expertise. He participated in project activities to include teleconferences and preparation for field collection exercise. Assisted in developing an alternative plan for biotope mapping validation.

CLIN 1003 – Materials and Supplies
Metabiota contracted for BSC re-certification at UCDCM, IVM, and VOLC in order to ensure safety of project participants.

CLIN 1004 – ODCs
To date, the ODCs accrued on UP-2 represent a subcontract to CRDF to pay Ukrainian personnel for their efforts on the project. This subcontract captures their labor and CRDF's fee. Metabiota understands that these ODCs may be required to be re-characterized as labor if Metabiota AEP is given the opportunity to implement foreign local national (FLN) labor categories. The Ukrainians on this project at IVM and UCDCM have continued (to the best of their capabilities) in analyzing previously collected samples and the data generated. These accrued costs have not been invoiced.

CLIN 1005 – Travel
No travel costs were incurred under Metabiota AEP.

Metabiota

Invoice:	INV-0000000239	**Invoice End Date**	7/31/15
Invoice Amount	29,448.14	**Invoice Due Date**	2015-10-08
Remit To:		**Bill To:**	
Metabiota,Inc.		Defense Threat Reduction Agency	
1 Sutter Street, Suite 600		8725 John J. Kingman Rd.	
San Francisco		Ft Belvoir	
CA		VA	
94104		22060-6201	

TD-012 UP2

Transaction Project ID	PLC Cd	PLC Desc	Name	Bill Hours	Billing Rate	\mount To B	Cumulative Hours	Cumulative Amount

(b)(4); (b)(6)

VID: 10369

Attachment #2 (Invoice)
to the Contract
Metabiota No. 2015-11-PO July 20, 2015

Beneficiary:	"KV-Avtomatizathia", Ltd. Address: 9/11, Perspektyvna str., Kyiv, 01042; tel/fax +380-44-502-12-53
Account nr.	26009052799172
Bank of beneficiary:	COMMERCIAL BANK PRIVATBANK 49094, Ukraine Dniepropetrovsk, Naberezhnaya Pobedy 30 TELEX: 143512 AVIZO UX SWIFT CODE: PBANUA2X
Intermediary bank:	JP MORGAN CHASE BANK 4 NEW YORK PLAZA FLOOR 15, NEW YORK, NY 10004 SWIFT CODE: CHASUS33
Correspondent account:	001-1-000080
Messrs:	Metabiota, Inc. Legal Address: 1 Sutter Street, Suite 600 San Francisco, CA 94104 (b)(6)
Order:	Contract Metabiota No. 2015-11-PO July 20, 2015

INVOICE № 24
from July 20, 2015

##	Description	Amount
1.	Payment for Fumigation and Certification of Biosafety Cabinets (BSCs), Certification of Vertical Laminar Flow Clean Bench and Polymerase Chain Reaction Cabinet by Contract Metabiota No. 2015-11-PO from July 20, 2015	2.830,00
	Total by invoice, US dollars:	2.830,00

Total by invoice:
Two thousand eight hundred and thirty US dollars.

@7/20/15
V #1043

Prepared (b)(6) **ntyn Dudkin**

Attachment #2 (Invoice)

TD012 Materials 1A

Attachment 1 (List of Services)
to the Contract No. 2 015-11-PO
July 14, 2015

Додаток 1 (Перелік послуг)
до Договору 2015-11-PO
від 14 липня 2015 р.

[illegible]

[illegible]

[illegible]

1. 1. CONTRACT Metalinta No. 2015-11-PO	2. 2. КОНТРАКТ Metalinta No. 2015-11-PO
DATA	DATA
2. INTRODUCTION	**2. ВСТУП**
2.1. The present Contract (hereinafter referred to as "The Contract") is concluded by and between:	2.1. [illegible]
- Metalinta, Inc., a company organized under the laws of the State of California (USA) and represented by [illegible] (hereinafter referred to as "The Company"), on the one hand;	- Metalinta, Inc., [illegible]
- KV "Axiomatizatiko" [illegible] the legal entity [illegible] the laws of Ukraine represented by [illegible] Statute of the Company (hereinafter referred to as "The Vendor") on the other part.	- [illegible]
[illegible]	[illegible]
2.2. The signatories of this Contract are the authorized representatives of the institutions.	2.2. [illegible]
3. SUBJECT OF THE CONTRACT	**3. ПРЕДМЕТ КОНТРАКТУ**
3.1. The Vendor having provided and the Company having bought the Services in accordance to the list of services (Attachment 1) to the Contract which is [illegible] as its integral part.	3.1. [illegible]
3.2. The Service must be provided for the Partnership Project entitled "Development of the Prodent Logical Forecasting System for Zoonotic Diseases Employing GIS Technology" (hereinafter referred to as the "Project"), which is implemented under the CRDF Global Program in Ukraine [illegible] for the Project from the Ukrainian State Agency for Science, Innovation and Information N 1.36-2-568 (ou 8.09.2014).	3.2. [illegible]
4. SERVICES TO BE PERFORMED BY THE VENDOR	**4. ПОСЛУГИ ВИКОНАВЦЯ**
4.1. The Vendor on Company's request, shall provide the Services for certification and [illegible] of 7 [illegible] cabinets, certification of a Vertical Laminar Flow Clean Bench (ESCO) and 1 Polymerase Chain Reaction Cabinet (ESCO) listed in the Attachment 1. The fixed price Scope of Work (Attachment 1) is an integral part of this Subcontract.	4.1. [illegible]
5. PRICE AND ENTIRE VALUE OF THE CONTRACT	**5. ЦІНА ТА ЗАГАЛЬНА ВАРТІСТЬ КОНТРАКТУ**
5.1. The firm fixed price of this Contract is $2830.	5.1. [illegible] 2830 [illegible] США.
5.2. The prices of the Services are valid within [illegible] days.	5.2. [illegible]
6. TERMS OF PAYMENT	**6. УМОВИ ОПЛАТИ**
[illegible]	[illegible]

TD012 materials 1 C

prepayment

6.2 Invoicing. The invoice shall be submitted in English and Ukrainian as one electronic copy to the Company. The invoice shall be submitted via email to invoices@metabiota.com

6.3 All bank charges in Ukraine are for the Vendor's account. All bank charges outside of Ukraine are the Metabiota's expenses

6.2 Рахунки. Рахунок подається до Замовника у електронному вигляді. Рахунок надсилається електронною поштою на адресу invoices@metabiota.com

6.3 Банківські витрати на території Виконавця несе Виконавець. Банківські витрати за межами території Виконавця несе Замовник

7. TERMS OF SERVICES

7.1. The Services approved for purchase in the Attachment 1 shall be completed within 2 weeks after receipt of payment by the Vendor

7.2. The act of signing the transfer acceptance of the services performed at the sites indicated in the Attachment 1 is considered as the delivery date of services

7. УМОВИ НАДАННЯ ПОСЛУГ

7.1. Послуги, що уможлені до оплати у Додатку 1, мають бути здійснені протягом 2 тижнів після отримання оплати Виконавцем

7.2. Датою виконання послуг вважається дата підписання акту прийому-передачі виконаних робіт на об'єктах, що зазначені у Додатку 1

8. GENERAL PROVISION

8.1. All the relations between the Parties of the present Contract are the subject to point of the material law of Ukraine

8.2. This Contract is prepared in English and Ukrainian language versions which have equal validity except in the event of a dispute regarding interpretation of this Contract, at which time the English language version shall govern

8.3. All amendments to this Contract are integral part of the entire agreement

- Attachment 1 "List of Services"
- Attachment 2 "Invoice N 24"

8. ЗАГАЛЬНІ УМОВИ

8.1. Всі відносини між сторонами цього Контракту регулюються на основі законів України

8.2. Цей Договір складено англійською та українською мовами, які мають однакову юридичну силу, але у випадку протиріч між текстами перевагу має текст складений англійською мовою

8.3. Всі додатки до цього договору є невід'ємною його частиною

- Додаток №1 «Перелік послуг»
- Додаток 2 «Рахунок №24

9. BANK DETAILS AND LEGAL ADDRESSES OF PARTIES

The Vendor: "KV-Avtomatizathia", Ltd
Perspektyvna St., 9-11, Kiev, 01042, Ukraine
Telefax: (044) 502-12-53

Beneficiary: "KV-Avtomatizathia", Ltd

Account of Beneficiary: 26009052799172

Bank of Beneficiary: COMMERCIAL BANK PRIVATBANK
49094, Ukraine Dnepropetrovsk Naberezhnaya Pobedy 30
TELEX: 143512 AVIZO UK
SWIFT CODE: PBANUA2X

Bank-correspondent: JP MORGAN CHASE BANK
4 NEW YORK PLAZA FLOOR 15, NEW YORK

9. БАНКІВСЬКІ РЕКВІЗИТИ ТА ЮРИДИЧНІ АДРЕСИ СТОРІН

Виконавець: ТОВ "КВ Автоматизація
вул. Перспективна, 9-11, м.Київ, 01042, Україна
Телефакс: (044) 502-12-53

Beneficiary: "KV-Avtomatizathia", Ltd

Account of Beneficiary: 26009052799172

Bank of Beneficiary: COMMERCIAL BANK PRIVATBANK
49094, Ukraine Dnepropetrovsk Naberezhnaya Pobedy 30
TELEX: 143512 AVIZO UK
SWIFT CODE: PBANUA2X

Intermediary Bank: JP MORGAN CHASE BANK
4 NEW YORK PLAZA FLOOR 15, NEW YORK

TD 012 Materials 1D

1e

NY 10004
SWIFT CODE: CHASUS33
Correspondent Account: [illegible]

The Company:
Metabiota, Inc. Legal Address:
Sutter Street, Suite [illegible]
San Francisco, CA [illegible]
Banking [illegible]
City National Bank, Montgomery Street Banking Office, 100 Montgomery Street, [illegible]
Francisco, CA 94104
ABA Routing No. [illegible]
Account No. 1129649[illegible]
SWIFT Code CINAUS6[illegible]

The Company

(b)(6)

Signature

Date: July 20, 2015

The Vendor

(b)(6) **Director**

Signature

(b)(6)

Date: 20.07.2015

NY 10004
SWIFT CODE: CHASUS33
Correspondent Account: [illegible]

Заявитель:
Метабиота Инк. Адрес:
Sutter Street, Suite [illegible]
San Francisco, CA [illegible]
Banking [illegible]
City National Bank, Montgomery Street Banking Office, 100 Montgomery Street, [illegible]
Francisco, CA [illegible]
ABA Routing No. [illegible]
Account No. [illegible]
SWIFT Code CINAUS6[illegible]

Заявитель

(b)(6)

Подпись

Дата: 20 липня 2015

Виконавець

(b)(6) **Директор**

Подпись

Дата: 20.

(b)(6)

review and modification of one health epidemiology materials.

- Conducted individual calls with each South African stakeholder to ensure understanding of project scope of work and to provide opportunity for direct questions.
- Completion of module 1 review and analysis of one health epidemiology materials by Metabiota Subject Matter Expert.
- Technical discussions between Metabiota Epidemiology Subject Matter Expert and South African stakeholders regarding training goals and training needs in country.

Upcoming Activities

- Continued development of OHE Landscape Review report to include identification of section leads among South African stakeholders and the Metabiota Project Team.
- Solidification of dates for in-country materials review and modification meeting.
- Submission of relevant TEP for in-country assessment.
- Continue to ensure effective coordination of communication between stakeholders involved in the materials review process.

Challenges

A misunderstanding in project scope was identified to have occurred among the South African stakeholders. They were collectively under the impression that One Health Epidemiology South Africa was related to an effort implemented by a DTRA country manager previous to [redacted]. This lead to questions and some confusion regarding the existing scope of work; however, this misunderstanding has since been rectified. Additionally, in country stakeholders have had some level of trouble attending regularly scheduled bi-weekly calls with the Metabiota Project Team due to availability and other obligations.

TD 013 One Health Epi Training - Uganda

Objectives

Increase the operational biosafety and bio-surveillance capacity of Ugandan and Nigerian National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/15- 02/29/15
Total Estimated Budget: $381,705.00
Estimated Expenditure: $135,337.00
Technical Direction Status: Approved

Completed Activities

- Completion of Cohort 9 Module 1 One Health training in Jinja, Uganda (October 19- 23, 2015).
- Submission of TAF, CCR, CLS, and BOM in support of Cohort 9 Module 2 to take place in Jinja, Uganda.
- Submission of TEP, TAF, CCR, CLS, and BOM in support of Cohort 10 Module 1 to take place in Kabarole, Uganda.

- The Non-Disclosure and Independent Consultant Agreements between the lead Trainer- [redacted] and Metabiota were signed and invoiced.
- Held bi-weekly conference calls with DTRA CBEP personnel and A&AS support representation.
- Held bi-weekly conference calls with CDC-Uganda and Ugandan Ministry of Health to discuss implementation of trainings going forward.
- Submission of Training trip report 238 In support of Cohort 9 Module 1 One Health Epidemiology training.

Upcoming Activities

- Preparation for Cohort 9 Module 2 set to take place December 7-11, 2015 in Jinja, Uganda.
- Preparation for Cohort 10 Module 1 set to take place December 14-18, 2015 in Kabarole District Uganda.
- Continuation of bi-weekly calls for with all stakeholders.
- Continuation of bi-weekly calls with DTRA CBEP representation and Metabiota.
- Incorporation of new labor rates for foreign local national independent consultants supporting OHE training.

Challenges

During training implementation in Jinja, Uganda, Module 1 of Cohort 9, some logistical problems were encountered. Insufficient quantities of training materials were provided for participants. The company subcontracted to support this training did not provide per diem to trainees and facilitators until mid-week. Per Diem payments were requested for distribution daily, and were promised to the trainers in kind. The decision by the company to delay distribution created anxiety among trainees and facilitators who were promised otherwise. The junior level staff representing this company at the training event was not authorized to make decisions, nor come up with a timely solution.

Trainees were concerned that they would not be able to meet with their team to complete the field assignments once back in the district. The fieldwork is a key component of the training and provides participants the chance to implement the theories learned in module one.

TD 014 Grant Writing Mentorship and Workshop - Kenya

Objectives

The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 7/21/15- 5/15/16
Total Estimated Budget: $113,982.82
Estimated Expenditure: $11,384.00
Technical Direction Status: Approved

Completed Activities

TD 013 One Health Epi Training - Uganda

Objectives

Increase the operational biosafety and bio-surveillance capacity of Ugandan and Nigerian National and Regional Response Teams through training events and the development of standard operating procedures for emergent disease outbreak response, supporting interagency cooperation and a unified training approach.

Period of Performance: 05/16/2015-02/29/2016

CLIN	Total Cost	Total Invoiced	Total Remaining
1002	$302,676.76	$50,421.31	$252,255.45
1003	$21,054.00	$0.00	$21,054.00
1004	$12,146.51	$0.00	$12,146.51
1005	$45,828.00	$0.00	$45,828.00
TOTAL	$381,705.27	$50,421.31	$331,283.96

CLIN 1002 – Labor

One health Epidemiology training Uganda is a legacy project that required a multi-faceted and specifically talented team to execute the proposal development and initial operational and reporting stages of this effort. Listed below is a breakdown of the labor activity used to support such activities.

Program Manager: 120 Hours

Program Management hours were used to support interim program manager, (b)(6) as tasked with leading the development of the proposal. (b)(6) was tasked with general program oversight during the time before (b)(6), would take over the management of the program on a permanent basis. (b)(6) set up and led stakeholder meetings and provided direction to the program coordinator to ensure timely submission of CDRLs to DTRA. (b)(6) took over these responsibilities upon his arrival to Metabiota. He set and led additional stakeholder meetings with DTRA CBEP representation that had been deemed necessary, developed a communication protocol with all stakeholders, took over the responsibility for timely submission of all CDRLs, and developed operational solutions to the changing training landscape through thorough communication in in-country stakeholders.

Research and Data Analyst: 97 Hours

(b)(6) activities included the building out of the original technical proposal at the direction of interim Program Manager, (b)(6) and with input from (b)(6) During the operation phase of this project (b)(6) as tasked under the direction of permanent Program Manager, (b)(6) with the development of CCR forms, CLS forms, TAF forms, Training Event Plans. She was responsible for maintaining a schedule for the timely submission of the mentioned deliverables, and for overall support to the program manager as tasked. (b)(6) was also responsible for recording and distributing minutes for all stakeholder calls. Research and Data Analyst provided final edits on proposal submission.

Trainer 1: 17 Hours

(b)(6) provided technical support regarding training scheduling and level of effort allocation during the proposal development stage of this project. (b)(6) was also tasked operationally to join bi-weekly stakeholder calls, and to support (b)(6) with the development of training event plans as needed.

Trainer 3: 81 Hours

Hours were allocated to support Metabiota International Training Manager (b)(6) These hours were used to provide technical expertise with regard to the development and design of the training schedules, and for the development of the training trip report for a training that took place while the technical direction was under FFP (b)(6) dditionally supported permanent program manager (b)(6) by attending stakeholder calls and providing technical expertise as needed; she also provided support to (b)(6) in the development and submission of training event plans as needed.

Subject matter 1: 16 Hours

Hours were used to support Metabiota Program Coordinator (b)(6) (b)(6) provided technical and coordination support during proposal development as well as initial program coordination support. She was tasked to work under the direction of (b)(6) uring his interim effort as program manger for this effort.

Subject Matter Expert 3: 17 Hours

Hours were used to support Metabiota Senior Scientist, (b)(6) for the purpose of providing high technical expertise to the program manager during proposal development. He was also tasked with contributing to the development of the initial training trip report.

CLIN 1003 – Materials and Supplies

No Costs Incurred

CLIN 1004 – ODCs

No Costs Incurred

CLIN 1005 – Travel

No Costs Incurred

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Metabiota

Invoice:	INV-0000000239	**Invoice End Date**	7/30/15
Invoice Amount	50,421.31	**Invoice Due Date**	2015-10-08

Remit To:

Metabiota,Inc.
1 Sutter Street, Suite 600
San Francisco
CA
94104

Bill To:

Defense Threat Reduction Agency
8725 John J. Kingman Rd.
Ft. Belvoir
VA
22060-6201

TD-013 One Health Epi Training

(b)(4); (b)(6)

- The Non-Disclosure and Independent Consultant Agreements between the lead Trainer- (b)(6) and Metabiota were signed and invoiced.
- Held bi-weekly conference calls with DTRA CBEP personnel and A&AS support representation.
- Held bi-weekly conference calls with CDC-Uganda and Ugandan Ministry of Health to discuss implementation of trainings going forward.
- Submission of Training trip report 238 In support of Cohort 9 Module 1 One Health Epidemiology training.

Upcoming Activities

- Preparation for Cohort 9 Module 2 set to take place December 7-11, 2015 in Jinja, Uganda.
- Preparation for Cohort 10 Module 1 set to take place December 14-18, 2015 in Kabarole District Uganda.
- Continuation of bi-weekly calls for with all stakeholders.
- Continuation of bi-weekly calls with DTRA CBEP representation and Metabiota.
- Incorporation of new labor rates for foreign local national independent consultants supporting OHE training.

Challenges

During training implementation in Jinja, Uganda, Module 1 of Cohort 9, some logistical problems were encountered. Insufficient quantities of training materials were provided for participants. The company subcontracted to support this training did not provide per diem to trainees and facilitators until mid-week. Per Diem payments were requested for distribution daily, and were promised to the trainers in kind. The decision by the company to delay distribution created anxiety among trainees and facilitators who were promised otherwise. The junior level staff representing this company at the training event was not authorized to make decisions, nor come up with a timely solution.

Trainees were concerned that they would not be able to meet with their team to complete the field assignments once back in the district. The fieldwork is a key component of the training and provides participants the chance to implement the theories learned in module one.

TD 014 Grant Writing Mentorship and Workshop - Kenya

Objectives

The objective is to conduct a 6-day workshop and provide continuing mentorship on the skills required to successfully write scientific publications to a cohort of 20 scientists to be selected from the attendees of the Regional Conference on Zoonotic Diseases in Eastern Africa held in Kenya in March 2015.

Period of Performance: 7/21/15- 5/15/16
Total Estimated Budget: $113,982.82
Estimated Expenditure: $11,384.00
Technical Direction Status: Approved

Completed Activities

- Established bi-weekly calls with DTRA CBEP representation, (b)(6) and the Metabiota Project Team.
- Development of Project Charter for TD-014.
- Development of profile for Subject Matter Experts slated to participate in the writing workshop.
- Identification of probable dates for the writing workshop set to take place in Nairobi, Kenya.
- Request submitted to (b)(6) for the delivery of the manuscripts produced by 20 participants selected from the Regional Conference on Zoonotic Diseases in Eastern Africa.

Upcoming Activities

- Selection of subject matter experts to support the Writing Workshop.
- Finalization of dates for the workshop.
- Submission of TEP, CLS form, CCR form, and any other relevant CDRLs in support of in country efforts.
- Continuation of bi-weekly stakeholder calls.

Challenges

The Grant Writing Mentorship and Workshop purposed to foster the improvement of research manuscripts from selected participants is on time and currently on track to remain within the budget ceiling. However, the tasks involving the coordination, management, and actual technical review and improvement of manuscripts for this effort will likely require more time than proposed.

CENTCOM

TD 002 Sample Collection and Diagnostics Training on Middle East Respiratory Syndrome (MERS-Coronavirus) in Camels and Bats – Kazakhstan

Objectives

To advance scientific study and experimentation and increase worldwide knowledge of safe sample collection and laboratory diagnostics through detailed training sessions both in labs and in the field. The training will focus on safe sample collection and laboratory diagnostics for Middle East Respiratory Syndrome (MERS-Cov) in camels and bats supporting enhanced biosafety and biosurveillance efforts in the region.

Period of Performance: 05/16/15- 01/31/16
Total Estimated Budget: $391,056.00
Estimated Expenditure: $273,285.00
Technical Direction Status: Approved

Completed Activities

- PIs from IVM completed second pre-training trip on October 6 and submitted Trip Report on October 15. An additional institution was identified during this trip to participate in the December training: The Aralomorsk AntiPlague Station.
- Submitted CLS travel and logistics support request for additional participant from the

The deliverable submitted to CBEP on 1 October did not meet the standards of research that both Metabiota and CBEP were looking for in the final product. Previous challenges identified in the accelerated schedule and volume of research and analysis required to complete this project impeded progress towards the 1 October submission that should have been more clearly communicated to CBEP leadership. Following review and receipt of the comments matrix by the CBEP team, Metabiota has initiated revisions and responses to CBEP comments in preparation for the final deliverable on 18 December. To complete this task, Metabiota has secured additional internal and external SME support, at no cost to the Government to complete the required revisions to the analysis and provide a final product that meets the standards required.

TD 015 Health Informatics Support in Vietnam-Complete

Objectives
This effort has completed.

Period of Performance: 05/16/15 06/30/15
Total Estimated Budget: S51,804.80
Estimated Expenditure: S51,804.80
Technical Direction Status: Approved, Closed

TD 015 Health Informatics Support Services - Vietnam

Objectives

Improve Vietnam Ministry of Health systems (processes and software) to support public health disease reporting and response capacity and improve compliance with National and International Health Regulations (e.g., IHR 2005).

Period of Performance: 05/16/2015 – 06/30/2015

CLIN	Total Receipt	Total Invoiced	Total Remaining
1002	$51,805.00	$51,804.80	$0.20
1003	$0.00	$0.00	$0.00
1004	$0.00	$0.00	$0.00
1005	$0.00	$0.00	$0.00
TOTAL	$51,805.00	$51,804.80	$0.20

The period of performance for this activity extended 1.5 months into Option Year 1 of the AEP contract to accommodate close out activities conducted by (b)(6) in Vietnam and completion of the final report to the optimal extent.

CLIN 1002 – Labor

Costs for direct labor to support this activity were incurred for the following personnel:

Program Manager: 8 Hours

Metabiota SEA Program Manager, (b)(6) to allow for continued program management activities and oversight for the duration of the period of performance. Tasks included: coordination with (b)(6) in closing out all activities for the project, to include contract invoicing and close out, receipt and review of the final report and submission of the report to CBEP and CDC personnel.

Visiting Scientist: 176 Hours

Visiting Scientist (b)(6) to allow for continued contact and key meetings with in- country partners, supporting completion of the evaluation report in a timely manner in order to identify gaps in the capability and capacity of the existing disease reporting and response systems, as well as supporting information systems software and other tools to meet the Vietnam National and International Health Regulation's (IHR 2005) reporting requirements in the scope of GHS Agenda. In addition, labor hours in this period included close out and demobilization activities in Vietnam, as well as completion and submission of the final report and attachments.

CLIN 1003 – Materials and Supplies

No costs were incurred during this period.

CLIN 1004 – ODCs

No additional costs were incurred. Costs for DBA insurance were previously incurred for (b)(6) time in Vietnam.

CLIN 1005 – Travel
No costs were incurred during this period.

Metabiota

Invoice:	INV-0000000239	**Invoice End Date**	7/31/15
Invoice Amount	51,804.80	**Invoice Due Date**	2015-10-08

Remit To:

Metabiota,Inc.
1 Sutter Street, Suite 600
San Francisco
CA
94104

Bill To:

Defense Threat Reduction Agency
8725 John J. Kingman Rd.
Ft. Belvoir
VA
22060-6201

TD-015 Health Informatic Support Services Vietnam

ansaction Project	PLC Cd	PLC Desc	Name	Bill Hour	Billing Rat	Amount To B	umulative Hou	Cumulative Amount
(b)(4); (b)(6)								

Beyond the current ASF outbreak in Ukraine, no significant challenges were encountered.

TD 012 Ukraine Project 2 (UP-2)

Objectives
The overarching objectives of this project are to develop both explanatory and predictive, spatially-explicit models to explore the geography and ecology of EDPs, specifically Francisella tularensis, the causative agent of tularemia, and Bacillus anthracis, the causative agent of anthrax, across Ukraine at multiple spatial scales.

Period of Performance: 05/16/15-09/30/2015
Total Estimated Budget: $264,788.00
Estimated Expenditure: $297,064.00
Technical Direction Status: Approved, Complete (Transferred to BTRIC TO4)

Completed Activities
- Project transitioned to BTRIC TO4.

Upcoming Activities
- Closing out invoicing for Kansas State University and Ukrainians via CRDF Global.

Challenges
None identified.

TD 016-Georgia GIS

Objectives
Provide GIS subject matter expertise to project teams responsible for DTRA CBEP research projects GG-19, GG-20, and GG-27. Subject matter expertise will be responsible for providing mentoring to Georgian scientists both via remote communication and in person.

Period of Performance: 09/15/15-05/15/16
Total Estimated Budget: $139,514.62
Estimated Expenditure: $8,489.00
Technical Direction Status: Approved

Completed Activities
- Metabiota achieved agreement with the GIS subject matter expertise team at University of Florida on scope and budget.
- Metabiota began preliminary coordination with CBR project leads in order to understand needs.
- Metabiota developed and submitted a revised proposal as a result of ground-truthing the actual project requirements from project teams and Forms A of the relevant CBR projects.

Upcoming Activities
- Metabiota will finalize the subcontract with the UF team.

- Metabiota will work with CBR project leads to ensure GIS SME needs are met.

Challenges
The requirements outlined in the technical direction do not mesh up with the requirements as outlined in the Forms A of the various CBR and TAP projects. This leads us to a discrepancy between the labor mix initially approved and the labor mix that we believe will be required to correctly fill the requirements of the technical direction.

TD 017-Georgia SME Grantsmanship

Objectives
Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct/indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: $136,732.00
Estimated Expenditure: $14,609.00
Technical Direction Status: Approved

Completed Activities
- Metabiota identified the SME team to execute Grantsmanship mentoring.
- Metabiota drafted SOW and contract documents, and signed subcontract with Attimo (soon to be Avila).
- The Metabiota project team spoke with Georgian stakeholders at LMA and NCDC on separate occasions to gather input on the mentorship needs of each institution.
- The Metabiota project team has drafted an initial mentorship project plan.

Upcoming Activities
- The Metabiota project team will push a tentative schedule of milestones out to stakeholders at LMA and NCDC. This schedule will establish an initial work plan for Georgian participants.
- After the near-term work plan has been distributed, we expect to receive project ideas and drafts of proposals to begin coming in for initial review.

Challenges
Subcontractor approval has not yet been granted by DTRA. Currently Attimo has stopped work on this project, which puts timelines at risk.

TD 018-Georgia Visiting Scientist Genomics Grantsmanship

Objectives
Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects. The genomics SME will

Period of Performance: 09/21/2015-05/15/16

- Metabiota will work with CBR project leads to ensure GIS SME needs are met.

Challenges
The requirements outlined in the technical direction do not mesh up with the requirements as outlined in the Forms A of the various CBR and TAP projects. This leads us to a discrepancy between the labor mix initially approved and the labor mix that we believe will be required to correctly fill the requirements of the technical direction.

TD 017-Georgia SME Grantsmanship

Objectives
Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct/indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: $136,732.00
Estimated Expenditure: $14,609.00
Technical Direction Status: Approved

Completed Activities
- Metabiota identified the SME team to execute Grantsmanship mentoring.
- Metabiota drafted SOW and contract documents, and signed subcontract with Attimo (soon to be Avila).
- The Metabiota project team spoke with Georgian stakeholders at LMA and NCDC on separate occasions to gather input on the mentorship needs of each institution.
- The Metabiota project team has drafted an initial mentorship project plan.

Upcoming Activities
- The Metabiota project team will push a tentative schedule of milestones out to stakeholders at LMA and NCDC. This schedule will establish an initial work plan for Georgian participants.
- After the near-term work plan has been distributed, we expect to receive project ideas and drafts of proposals to begin coming in for initial review.

Challenges
Subcontractor approval has not yet been granted by DTRA. Currently Attimo has stopped work on this project, which puts timelines at risk.

TD 018-Georgia Visiting Scientist Genomics Grantsmanship

Objectives
Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects. The genomics SME will

Period of Performance: 09/21/2015-05/15/16

- Metabiota will work with CBR project leads to ensure GIS SME needs are met.

Challenges
The requirements outlined in the technical direction do not mesh up with the requirements as outlined in the Forms A of the various CBR and TAP projects. This leads us to a discrepancy between the labor mix initially approved and the labor mix that we believe will be required to correctly fill the requirements of the technical direction.

TD 017-Georgia SME Grantsmanship

Objectives
Provide mentorship in all aspects of Grantsmanship to POCs at the Lugar Center in Georgia. In particular, Metabiota will provide guidance on understanding direct/indirect costs to NCDC, and work with LMA on all aspects of Grantsmanship.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: $136,732.00
Estimated Expenditure: $14,609.00
Technical Direction Status: Approved

Completed Activities
- Metabiota identified the SME team to execute Grantsmanship mentoring.
- Metabiota drafted SOW and contract documents, and signed subcontract with Attimo (soon to be Avila).
- The Metabiota project team spoke with Georgian stakeholders at LMA and NCDC on separate occasions to gather input on the mentorship needs of each institution.
- The Metabiota project team has drafted an initial mentorship project plan.

Upcoming Activities
- The Metabiota project team will push a tentative schedule of milestones out to stakeholders at LMA and NCDC. This schedule will establish an initial work plan for Georgian participants.
- After the near-term work plan has been distributed, we expect to receive project ideas and drafts of proposals to begin coming in for initial review.

Challenges
Subcontractor approval has not yet been granted by DTRA. Currently Attimo has stopped work on this project, which puts timelines at risk.

TD 018-Georgia Visiting Scientist Genomics Grantsmanship

Objectives
Metabiota will provide subject matter expertise in genomics for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects. The genomics SME will

Period of Performance: 09/21/2015-05/15/16

Total Estimated Budget: $384,435.00
Estimated Expenditure: $36,517.00
Technical Direction Status: Approved

Completed Activities

- Metabiota identified genomics expertise and established subcontract said expertise.
- Genomics VS has continued mentoring of (b)(6) in comparative genomics. They are examining the in-country anthrax vaccine strain STI. Preliminary results suggest a significant variance between the Georgian STI strain and the reference STI strain reported by Okinaka, *et al.*
- Genomics VS is working with Lugar center staff to acquaint them with publicly available genome databases.
- Genomics VS has begun mentoring (b)(6) on raw sequence data quality control, draft genome assembly, and comparative genomic analysis. Together they have created genome assemblies for an atypical *Shigella*-like bacterial strain. Preliminary bioinformatics analysis indicates that the isolate encodes shiga toxin genes. They are also working on understanding its phylogenetic placement.
- Genomics VS advised Lugar Center microbiologists on the need to potentially modify testing procedures for bacterial strains that do not react to established pathogen-specific antisera.
- Genomics VS has begun training (b)(6) in viral genome assembly and annotation using a test data set.

Upcoming Activities

- Genomics VS has begun development of an *in silico* workflow for pathogen subtyping and will mentor (b)(6) and others in both the development and use of the workflow for NGS data.
- Genomics VS has begun developing workflow for genome and plasmid sequence annotation in order to enable Lugar Center staff to characterize genomic data and submit data to Genbank prior to publication.
- Genomics VS is developing a skill-set review workshop in conjunction with NCDC science director (b)(6)
- Genomics VS will continue supporting all activities listed above.

Challenges

The Lugar Center (and by extension NCDC) does not appear to have a good method for transferring knowledge learned (especially that learned abroad) from person to person, and many staff members frequently switch research topics. Additionally, it appears that collaborating foreign labs are doing a significant portion of the sequence analysis. These factors have the effect of impacting sustainability. Lugar Center staff are also often skipping the post-NGS quality control step in their workflows.

TD 019-Georgia Visiting Scientist Microbiology

Objectives

Total Estimated Budget: $384,435.00
Estimated Expenditure: $36,517.00
Technical Direction Status: Approved

Completed Activities

- Metabiota identified genomics expertise and established subcontract said expertise.
- Genomics VS has continued mentoring of (b)(6) n comparative genomics. They are examining the in-country anthrax vaccine strain STI. Preliminary results suggest a significant variance between the Georgian STI strain and the reference STI strain reported by Okinaka, *et al.*
- Genomics VS is working with Lugar center staff to acquaint them with publicly available genome databases.
- Genomics VS has begun mentoring (b)(6) n raw sequence data quality control, draft genome assembly, and comparative genomic analysis. Together they have created genome assemblies for an atypical *Shigella*-like bacterial strain. Preliminary bioinformatics analysis indicates that the isolate encodes shiga toxin genes. They are also working on understanding its phylogenetic placement.
- Genomics VS advised Lugar Center microbiologists on the need to potentially modify testing procedures for bacterial strains that do not react to established pathogen-specific antisera.
- Genomics VS has begun training (b)(6) in viral genome assembly and annotation using a test data set.

Upcoming Activities

- Genomics VS has begun development of an *in silico* workflow for pathogen subtyping and will mentor (b)(6) and others in both the development and use of the workflow for NGS data.
- Genomics VS has begun developing workflow for genome and plasmid sequence annotation in order to enable Lugar Center staff to characterize genomic data and submit data to Genbank prior to publication.
- Genomics VS is developing a skill-set review workshop in conjunction with NCDC science director (b)(6)
- Genomics VS will continue supporting all activities listed above.

Challenges

The Lugar Center (and by extension NCDC) does not appear to have a good method for transferring knowledge learned (especially that learned abroad) from person to person, and many staff members frequently switch research topics. Additionally, it appears that collaborating foreign labs are doing a significant portion of the sequence analysis. These factors have the effect of impacting sustainability. Lugar Center staff are also often skipping the post-NGS quality control step in their workflows.

TD 019-Georgia Visiting Scientist Microbiology

Objectives

Metabiota will provide subject matter expertise in microbiology for the purpose of providing mentorship and guidance to Georgian scientists at the Lugar Center, especially in support of CBEP-funded research projects.

Period of Performance: 09/21/2015-05/15/16
Total Estimated Budget: $382,330.00
Estimated Expenditure: $46,377.00
Technical Direction Status: Approved

Completed Activities

- Metabiota identified and worked to bring onboard the subject matter expertise requested in the technical direction. Metabiota is bringing the VS on as a full-time Metabiota employee effective 1 November, and issuing an independent consulting agreement to cover work activities in the month of October.
- Metabiota personnel communicated electronically with CBR project leads to better understand needs under this technical direction.
- Metabiota VS is working with Batumi Zonal Diagnostic Laboratory on avian influenza PCR work. Metabiota VS assisted with troubleshooting of Rotor-Gene PCR instruments at Batumi; this work is ongoing.
- Metabiota VS is assisting Lugar Center personnel with drafting and editing of GG TAP-11 validation plan.
- Metabiota VS is assisting NCDC with preparations and planning for the installation of a GC/MS instrument funded by UNICRI. This ongoing effort will enhance NCDC relationships with international organizations and provide the foundation for a potential proteomics capability which may be leveraged in future research, as well as biosafety and biosecurity efforts.
- Metabiota VS met with [redacted] and other CBR project personnel to discuss ongoing efforts on GG-19, -20, -27, and TAP-11.
- Metabiota VS met with a field team from LMA to help prepare them for a seroprevalence study among animal workers and animals.

Upcoming Activities

- Metabiota VS will test avian influenza PCR controls and primers at Lugar Center.
- Metabiota VS will continue assisting with all ongoing efforts listed above.

Challenges

The Metabiota VS previously recruited a technical translator/interpreter who was then hired by CH2M Hill. CH2 was issued technical direction by a previous Georgia country manager to provide support to the PSU AEP VS, and believes that this technical direction is now expired. Technical translation is difficult, and it would be preferred to continue working with the same person, but new technical direction to CH2M Hill may be required in order to make this happen. We believe quality and speed of translation/interpretation efforts will be impacted if forced to use CLS.