



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

May 5, 2022

Paul Anderson

(b)(6)

Re: FOIA Case No.: 22-006

Dear Mr. Anderson:

This is our final response to your Freedom of Information Act (FOIA) request perfected October 5, 2021, and assigned FOIA case number 22-006 by the Defense Threat Reduction Agency (DTRA). You requested a copy of the following contracts: HDTRA120C0055, HDTRA115C0041, and HDTRA120C0055.

Enclosed is a copy of the documents totaling 1,046 pages. These records are being released to you in part. Some information is being withheld under FOIA Exemption 6. Exemption 6 applies to information, which, if released, would constitute a clearly unwarranted invasion of the personal privacy of an individual. No fees are due as the assessable cost total \$25.00 or less.

Determinations on behalf of DTRA were made by the Initial Denial Authority (IDA), Mr. Earl E. Washington, Jr., Chief, Records Management, FOIA, and Privacy Act Division, Information Management and Technology Directorate. 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](mailto:dtrafoiaprivacy@mail.mil). The contact information for OGIS can be found at [www.archives.gov/ogis](http://www.archives.gov/ogis).

Sincerely,

*Eugene McGirt*

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

Enclosure(s):  
As stated

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				I. CONTRACT ID CODE <b>S</b>	PAGE OF PAGES <b>1   3</b>	
2. AMENDMENT/MODIFICATION NO. <b>P00001</b>		3. EFFECTIVE DATE <b>20-Apr-2015</b>	4. REQUISITION/PURCHASE REQ. NO. <b>J9CBA14212</b>		5. PROJECT NO.(If applicable)	
6. ISSUED BY <b>DEFENSE THREAT REDUCTION AGENCY/J4C 8725 JOHN J. KINGMAN ROAD, MSC 8201 FORT BELVOIR VA 22060-8201</b>		CODE <b>HDTRA1</b>	7. ADMINISTERED BY (If other than item 6) <b>DCMA GARDEN CITY 605 STEWART AVENUE GARDEN CITY NY 11530-4761</b>		CODE <b>S3309A</b>	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) <b>ECOHEALTH ALLIANCE INC. MR. ALEKSEI CHMURA 460 W 34TH ST 17TH FL NEW YORK NY 10001-2320</b>				9A. AMENDMENT OF SOLICITATION NO.		
				9B. DATED (SEE ITEM 11)		
				<b>X</b>	10A. MOD. OF CONTRACT/ORDER NO. <b>HDTRA1-15-C-0041</b>	
				<b>X</b>	10B. DATED (SEE ITEM 13) <b>09-Apr-2015</b>	
CODE <b>3MMU3</b>		FACILITY CODE				
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>						
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended.						
Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.						
12. ACCOUNTING AND APPROPRIATION DATA (If required) <b>See Schedule</b>						
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>						
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).						
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
<b>X</b> D. OTHER (Specify type of modification and authority) <b>52.232-22 Limitation of Funds</b>						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.						
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: <b>bishopb151339</b> The purpose of this modification is to:  1. Add incremental funding to CLIN 0001 in the amount of \$99,550.79 under Sub-Clin 000101. 2. Update clauses 252.232-9000 and 252.232-9001.						
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.						
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
			(b)(6) CONTRACTING OFFICER			
			TEL: (b)(6)		EMAIL: (b)(6)	
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		
				(b)(6)		
(Signature of person authorized to sign)				BY (Signature of Contracting Officer)		
				20-Apr-2015		

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

SECTION B - SUPPLIES OR SERVICES AND PRICES

SUBCLIN 000101 is added as follows:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000101	IF Funding COST FOB: Destination		Lot		\$0.00
				ESTIMATED COST	\$0.00
	ACRN AB CIN: J9CBA16659000101				\$99,550.79

SECTION E - INSPECTION AND ACCEPTANCE

The following Acceptance/Inspection Schedule was added for SUBCLIN 000101:

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
N/A	N/A	N/A	Government

SECTION G - CONTRACT ADMINISTRATION DATA

Accounting and Appropriation

Summary for the Payment Office

As a result of this modification, the total funded amount for this document was increased by \$99,550.79 from \$2,117,486.21 to \$2,217,037.00.

SUBCLIN 000101:

Funding on SUBCLIN 000101 is initiated as follows:

ACRN: AB

CIN: J9CBA16659000101

Acctng Data: 044315 097 0400 000 N 20152016 D 2620 0602384BP\_CB\_CBA\_RC  
1516\_0400\_2620\_TM2DN DTRA 255

Increase: \$99,550.79

Total: \$99,550.79

The following have been modified:

252.232-9000 CONTRACT FUNDING PROFILE (OCT 1998)

Subject to FAR Clause 52.232-22, Limitation of Funds, the amount of \$2,217,037.00 is obligated for work to be performed during the period beginning with contract award and continuing through the end of the base period. Additional incremental funding planned, but not obligated, is: \$0.00.

(End of clause)

252.232-9001 PRICES/COST

a. Subject to the provisions of the Clauses of this Contract entitled LIMITATION OF FUNDS, ALLOWABLE COST AND PAYMENT, and FIXED FEE, the total allowable cost under this Contract shall not exceed \$\_\_\_\_\_ A\_\_\_\_\_, which is the total estimated cost of the Contractor's performance hereunder, exclusive of fixed fee. In addition, the Government shall pay the Contractor a fixed fee of \$\_\_\_\_\_ B\_\_\_\_\_ for the performance of this Contract. It is understood and agreed that the Government's obligation is limited to INCREMENTAL FUNDING in the amount of \$\_\_\_\_\_ C\_\_\_\_\_. Within this amount (\$\_\_\_\_\_ C\_\_\_\_\_), the fixed fee shall bear the same relationship to the total fixed fee, as the costs incurred bear to the total estimated cost.

b. Interim payment vouchers may be submitted for provisional payment pursuant to the Clauses of this Contract entitled ALLOWABLE COST AND PAYMENT and FIXED FEE.

Fill in the dollar amounts as applicable:

CLIN 0001

A: \$2,217,037.00

B: \$0

C: \$2,217,037.00

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE S	PAGE OF PAGES 1   5
2. AMENDMENT/MODIFICATION NO. P00002	3. EFFECTIVE DATE 08-Apr-2016	4. REQUISITION/PURCHASE REQ. NO. J9CBA19766		5. PROJECT NO.(If applicable)
6. ISSUED BY DEFENSE THREAT REDUCTION AGENCY/J4C 8725 JOHN J. KINGMAN ROAD, MSC 6201 FORT BELVOIR VA 22060-6201	CODE HDTRA1	7. ADMINISTERED BY (If other than item 6) DCMA GARDEN CITY 605 STEWART AVENUE GARDEN CITY NY 11530-4761		CODE S3309A
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) ECOHEALTH ALLIANCE INC MR. ALEKSEI CHMURA 460 W 34TH ST 17TH FL NEW YORK NY 10001-2320			9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
			X 10A. MOD. OF CONTRACT/ORDER NO. HDTRA1-15-C-0041	
			X 10B. DATED (SEE ITEM 13) 09-Apr-2015	
CODE 3MMU3	FACILITY CODE			
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.				
Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required) <b>See Schedule</b>				
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
X D. OTHER (Specify type of modification and authority) IAW FAR 52.217-9 Option to Extend the Term of the Contract				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: duncank161055 J9CBA19766  The purpose of this modification is to exercise Option Period 1 consisting of CLINs 1001 and 1002, apply incremental funding to CLIN 1001 via new SLIN 100101, update clauses 252.232-9000 and 253-232-9001, and administratively update the "Ship To Address" on CLINs 0001 and 1001 in order to reflect current COR information and comply with Department of Defense (DoD) Procurement Data Standard (PDS).  All other terms and conditions remain unchanged.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) (b)(6) CONTRACT SPECIALIST		
		TEL: (b)(6)		EMAIL: (b)(6)
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY: (b)(6) (Signature of Contracting Officer)	16C. DATE SIGNED 16-Mar-2016	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION A - SOLICITATION/CONTRACT FORM

The total cost of this contract was increased by \$2,262,641.00 from \$2,217,037.00 to \$4,479,678.00.

SECTION B - SUPPLIES OR SERVICES AND PRICES

CLIN 1001

The option status has changed from Option to Option Exercised.

CLIN 1002

The option status has changed from Option to Option Exercised.

SUBCLIN 100101 is added as follows:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100101	Incremental Funding COST Incremental Funding for Option Period 1. FOB: Destination				\$0.00
				ESTIMATED COST	\$0.00
	ACRN AC CIN: JBCBA19766000101				\$1,696,980.75

SECTION E - INSPECTION AND ACCEPTANCE

The following Acceptance/Inspection Schedule was added for SUBCLIN 100101:

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
N/A	N/A	N/A	Government

SECTION F - DELIVERIES OR PERFORMANCE

The following Delivery Schedule item for CLIN 0001 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
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POP 09-APR-2015 TO 08-APR-2016	N/A	DEFENSE THREAT REDUCTION AGENCY HDTRA1 SEE SEPARATE LETTER 8725 JOHN J. KINGMAN RD., MSC 6201 FORT BELVOIR VA 22060 FOB: Destination
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To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 09-APR-2015 TO 08-APR-2016	N/A	DEFENSE THREAT REDUCTION AGENCY/J9CBA [Redacted] 8725 JOHN J. KINGMAN ROAD, MSC 6201 FORT BELVOIR VA 22060 [Redacted] FOB: Destination	HDTRA1

The following Delivery Schedule item for CLIN 1001 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 09-APR-2016 TO 08-APR-2017	N/A	DEFENSE THREAT REDUCTION AGENCY HDTRA1 SEE SEPARATE LETTER 8725 JOHN J. KINGMAN RD., MSC 6201 FORT BELVOIR VA 22060 FOB: Destination	HDTRA1

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 09-APR-2016 TO 08-APR-2017	N/A	DEFENSE THREAT REDUCTION AGENCY/J9CBA [Redacted] 8725 JOHN J. KINGMAN ROAD, MSC 6201 FORT BELVOIR VA 22060 [Redacted] FOB: Destination	HDTRA1

**SECTION G - CONTRACT ADMINISTRATION DATA**

Accounting and Appropriation

Summary for the Payment Office

As a result of this modification, the total funded amount for this document was increased by \$1,696,980.75 from \$2,217,037.00 to \$3,914,017.75.

SUBCLIN 100101:

Funding on SUBCLIN 100101 is initiated as follows:

ACRN: AC

CIN: JBCBA19766000101

Acctng Data: 044315 097 0400 000 N 20162017 D 2620 0602384BP\_CB\_CBA\_RC  
1617\_0400\_2620\_TM2DN DTRA 255

Increase: \$1,696,980.75

Total: \$1,696,980.75

The following have been modified:

252.232-9000 CONTRACT FUNDING PROFILE (OCT 1998)

**CLIN 0001** Subject to FAR Clause 52.232-22, Limitation of Funds, the amount of \$2,217,037.00 is obligated for work to be performed during the period beginning with contract award and continuing through April 8, 2016. CLIN 0001 is FULLY FUNDED.

**CLIN 1001** Subject to FAR Clause 52.232-22, Limitation of Funds, the amount of \$1,696,980.75 is obligated for work to be performed during the CLIN 1001 period of performance start date of April 9, 2016 and continuing through its end date. Incremental funding planned, but not obligated is: \$565,660.25.

(End of clause)

252.232-9001 PRICES/COST

a. Subject to the provisions of the Clauses of this Contract entitled LIMITATION OF FUNDS, ALLOWABLE COST AND PAYMENT, and FIXED FEE, the total allowable cost under this Contract shall not exceed \$\_\_\_\_\_ A\_\_\_\_\_, which is the total estimated cost of the Contractor's performance hereunder, exclusive of fixed fee. In addition, the Government shall pay the Contractor a fixed fee of \$\_\_\_\_\_ B\_\_\_\_\_ for the performance of this Contract. It is understood and agreed that the Government's obligation is limited to INCREMENTAL FUNDING in the amount of \$\_\_\_\_\_ C\_\_\_\_\_. Within this amount (\$\_\_\_\_\_ C\_\_\_\_\_), the fixed fee shall bear the same relationship to the total fixed fee, as the costs incurred bear to the total estimated cost.

b. Interim payment vouchers may be submitted for provisional payment pursuant to the Clauses of this Contract entitled ALLOWABLE COST AND PAYMENT and FIXED FEE.

**CLIN 0001**

A: \$2,217,037.00

B: \$0

C: \$2,217,037.00

**CLIN 1001**

A: \$2,262,641.00

B: \$0

C: \$1,696,980.75

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			I. CONTRACT ID CODE S	PAGE OF PAGES 1   4
2. AMENDMENT/MODIFICATION NO. <b>P00003</b>	3. EFFECTIVE DATE <b>14-Nov-2016</b>	4. REQUISITION/PURCHASE REQ. NO. J9CBA19766		5. PROJECT NO. (if applicable)
6. ISSUED BY DEFENSE THREAT REDUCTION AGENCY:J4C 8725 JOHN J. KINGMAN ROAD, MSC 8201 FORT BELVOIR VA 22060-6201	CODE <b>HDTRA1</b>	7. ADMINISTERED BY (If other than item 6) OFFICE OF NAVAL RESEARCH-BOSTON 495 SUMMER STREET, ROOM 627 BOSTON MA 02110-2109		CODE <b>N62879</b>
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) ECOHEALTH ALLIANCE INC. MR. ALEKSEI CHMURA 460 W 34TH ST 17TH FL NEW YORK NY 10001-2320			9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
			X 10A. MOD. OF CONTRACT/ORDER NO. HDTRA1-15-C-0041	
			X 10B. DATED (SEE ITEM 13) 09-Apr-2015	
CODE <b>3MML3</b>	FACILITY CODE			
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended.				
Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. <b>FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.</b> If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required) <b>See Schedule</b>				
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
X D. OTHER (Specify type of modification and authority) Unilateral Mod IAW FAR 52.232-22 "Limitation of Funds"				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: duncank162314 J9CBA19766A  The purpose of this Modification is to:  1. Apply incremental funding to CLIN 1001 via SLIN 100101, thereby fully funding Option 1; 2. Update clauses 252.232-9000 and 252.232-9002 to reflect the increase in funding; 3. Update clause 252.209-9002, to incorporate new Non-Government Support Personnel contractors; 4. Administratively realign the NAICS code from CLIN to contract level and add the business size standard in order to comply with the Department of Defense (DoD) Procurement Data Standard (PDS) requirements; and 5. Correct Item 7. Administered by, from DCMA Garden City to ONR Boston.  All other terms and conditions remain unchanged. Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print) Peter Daszak, President, Ecohealth Alliance		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) (b)(6)		
		TEL (b)(6) EMAIL (b)(6)		
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 11/9/2016	16B. UNITED STATES OF AMERICA BY (b)(6)		16C. DATE SIGNED 11/10/2016 (Signature of Contracting Officer)

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

SECTION A - SOLICITATION/CONTRACT FORM

The standard size code 500 has been added.

The NAICS code 541712 has been added.

SECTION B - SUPPLIES OR SERVICES AND PRICES

CLIN 1001

The NAICS code 541712 has been deleted.

SUBCLIN 100102 is added as follows:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100102	Incremental Funding COST Incremental Funding for Option Period 1. FOB: Destination				\$0.00
				ESTIMATED COST	\$0.00
	ACRN AD CIN: J9CBA19766A00001				\$565,660.25

SECTION E - INSPECTION AND ACCEPTANCE

The following Acceptance/Inspection Schedule was added for SUBCLIN 100102:

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
N/A	N/A	N/A	Government

SECTION G - CONTRACT ADMINISTRATION DATA

Accounting and Appropriation

Summary for the Payment Office

As a result of this modification, the total funded amount for this document was increased by \$565,660.25 from \$3,914,017.75 to \$4,479,678.00.

SUBCLIN 100102:

Funding on SUBCLIN 100102 is initiated as follows:

ACRN: AD

CIN: J9CBA19766A00001

Acctng Data: 044315 097 0400 000 N 20162017 D 2620 0603384BP\_CB\_CBA\_RC  
1617\_0400\_2620\_TM3BD DTRA 255

Increase: \$565,660.25

Total: \$565,660.25

The following have been modified:

252.232-9000 CONTRACT FUNDING PROFILE (OCT 1998)

**CLIN 0001** Subject to FAR Clause 52.232-22, Limitation of Funds, the amount of \$2,217,037.00 is obligated for work to be performed during the period beginning with contract award and continuing through April 8, 2016. CLIN 0001 is FULLY FUNDED.

**CLIN 1001** Subject to FAR Clause 52.232-22, Limitation of Funds, the amount of \$2,262,641.00 is obligated for work to be performed during the CLIN 1001 period of performance start date of April 9, 2016 and continuing through its end date. CLIN 1001 is FULLY FUNDED

(End of clause)

252.232-9001 PRICES/COST

a. Subject to the provisions of the Clauses of this Contract entitled LIMITATION OF FUNDS, ALLOWABLE COST AND PAYMENT, and FIXED FEE, the total allowable cost under this Contract shall not exceed \$\_\_\_\_\_ A\_\_\_\_\_, which is the total estimated cost of the Contractor's performance hereunder, exclusive of fixed fee. In addition, the Government shall pay the Contractor a fixed fee of \$\_\_\_\_\_ B\_\_\_\_\_ for the performance of this Contract. It is understood and agreed that the Government's obligation is limited to INCREMENTAL FUNDING in the amount of \$\_\_\_\_\_ C\_\_\_\_\_. Within this amount (\$\_\_\_\_\_ C\_\_\_\_\_), the fixed fee shall bear the same relationship to the total fixed fee, as the costs incurred bear to the total estimated cost.

b. Interim payment vouchers may be submitted for provisional payment pursuant to the Clauses of this Contract entitled ALLOWABLE COST AND PAYMENT and FIXED FEE.

**CLIN 0001**

A: \$2,217,037.00

B: \$0

C: \$2,217,037.00

**CLIN 1001**

A: \$2,262,641.00

B: \$0

C: \$2,262,641.00

## SECTION H - SPECIAL CONTRACT REQUIREMENTS

The following have been modified:

252.209-9002 NON-GOVERNMENT SUPPORT PERSONNEL (JAN 2008)

The following companies may have access to contractor information, technical data or computer software that may be marked as proprietary or otherwise marked with restrictive legends: Infinity Technology, LLC (Contract Specialist support); Quanterion Solutions, Inc. (DTRIAC Technical Engineering Services); Booz Allen Hamilton (administrative support); Engility Corp. (advisory and assistance services); Kforce Government Solutions, Inc. (Accounting and Financial Systems Support). Each contract contains organizational conflict of interest provisions and/or includes contractual requirements for non-disclosure of proprietary contractor information or data/software marked with restrictive legends. The contractor, by submitting a proposal or entering into this contract, is deemed to have consented to the disclosure of its information to Infinity Technology, LLC, Quanterion Solutions, Inc., Booz Allen Hamilton, Engility Corp., and Kforce Government Solutions, Inc. under the conditions and limitations described herein.

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
			S	1	5
2. AMENDMENT/MODIFICATION NO. <b>P00004</b>	3. EFFECTIVE DATE <b>08-Apr-2017</b>	4. REQUISITION/PURCHASE REQ. NO. J9CBA19766		5. PROJECT NO. (if applicable)	
6. ISSUED BY DEFENSE THREAT REDUCTION AGENCY:J4C 8725 JOHN J. KINGMAN ROAD, MSC 6201 FORT BELVOIR VA 22060-6201	CODE <b>HDTRA1</b>	7. ADMINISTERED BY (If other than item 6) OFFICE OF NAVAL RESEARCH-BOSTON 495 SUMMER STREET, ROOM 627 BOSTON MA 02110-2109		CODE	<b>N62879</b>
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) ECOHEALTH ALLIANCE INC. MR. ALEKSEI CHMURA 460 W 34TH ST 17TH FL NEW YORK NY 10001-2320			9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
			X	10A. MOD. OF CONTRACT/ORDER NO. HDTRA1-15-C-0041	
			X	10B. DATED (SEE ITEM 13) 09-Apr-2015	
CODE <b>3MMU3</b>	FACILITY CODE				
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended.					
<p>Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:</p> <p>(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>					
12. ACCOUNTING AND APPROPRIATION DATA (If required) <b>See Schedule</b>					
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
X D. OTHER (Specify type of modification and authority) Bilateral Mod IAW FAR 43.103(a)(3) Mutual Agreement					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: duncank171066 J4CRJ9CBA172109 The purpose of this modification is to: 1. Extend Option Period 1, CLINs 1001 and 1002 through to September 30, 2017 at no additional cost to the Government. As consideration for this extension, the Contractor shall develop and provide to the Government, at the Contractor's expense, a diagnostic engine that will create a summary report of separate articles that are linked to a single disease event. 2. Update CLINs 0002 and 1002 to identify them as not separately priced with a quantity of 1, and add ship to addresses in order to comply with DoD Procurement Data Standard requirements. 3. Realign ACRN AB funding from SLIN 000101 to CLIN 0001 in order to correct an issue wherein funding was incorrectly assigned to both the CLIN and SubCLIN. This realignment does not affect the total funding amount allocated to, or available for vouchers against, CLIN 0001. 4. Remove FOB and inspection terms from funding SubCLINs. 5. Replace Section G DFAS payment instruction clause 252.204-9002 with 252.204-0002.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print) Peter Daszak			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) (b)(6)		
			TEL: (b)(6)	EMAIL: (b)(6)	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED 3/15/17	16B. UNITED STATES OF AMERICA BY: (b)(6)		16C. DATE SIGNED

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

SECTION B - SUPPLIES OR SERVICES AND PRICES

SUBCLIN 000101

The unit of issue Lot has been deleted.  
 The FOB Destination has been deleted.

CLIN 0002

The CLIN type priced has been added.  
 The pricing detail quantity 1.00 has been added.  
 The cost constraint NSP has been added.

SUBCLIN 100101

The FOB Destination has been deleted.

SUBCLIN 100102

The FOB Destination has been deleted.

CLIN 1002

The CLIN type priced has been added.  
 The pricing detail quantity 1.00 has been added.  
 The cost constraint NSP has been added.

SECTION E - INSPECTION AND ACCEPTANCE

The Acceptance/Inspection Schedule for SUBCLIN 000101 has been changed from:

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
N/A	N/A	N/A	Government

To:

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
N/A	N/A	N/A	N/A

The Acceptance/Inspection Schedule for CLIN 0002 has been changed from:

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
Destination	Government	Destination	Government

To:

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
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POP 09-APR-2016 TO 08-APR-2017	N/A	DEFENSE THREAT REDUCTION AGENCY/J9CBA (b)(6) 8725 JOHN J. KINGMAN ROAD, MSC 6201 FORT BELVOIR VA 22060 (b)(6) FOB: Destination	HDTRA1
-----------------------------------	-----	--	--------

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC / CAGE
POP 09-APR-2016 TO 30-SEP-2017	N/A	DEFENSE THREAT REDUCTION AGENCY/J9CBA (b)(6) 8725 JOHN J. KINGMAN ROAD, MSC 6201 FORT BELVOIR VA 22060 (b)(6) FOB: Destination	HDTRA1

The following Delivery Schedule item for CLIN 1002 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC / CAGE
POP 09-APR-2016 TO 08-APR-2017	N/A	N/A FOB: Destination	

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC / CAGE
POP 09-APR-2016 TO 30-SEP-2017	N/A	DEFENSE THREAT REDUCTION AGENCY/J9CB (b)(6) 8725 JOHN J. KINGMAN ROAD, MSC 6201 FORT BELVOIR VA 22060 (b)(6) FOB: Destination	HDTRA1

SECTION G - CONTRACT ADMINISTRATION DATA

Accounting and Appropriation

Summary for the Payment Office

CLIN 0001:

AB: 044315 097 0400 000 N 20152016 D 2620 0602384BP\_CB\_CBA\_RC 1516\_0400\_2620\_TM2DN DTRA 255 (CIN J9CBA142120001) was increased by \$99,550.79 from \$2,117,486.21 to \$2,217,037.00

SUBCLIN 000101:

AB: 044315 097 0400 000 N 20152016 D 2620 0602384BP\_CB\_CBA\_RC 1516\_0400\_2620\_TM2DN DTRA 255 (CIN J9CBA16659000101) was decreased by \$99,550.79 from \$99,550.79 to \$0.00

The following have been added by reference:

252.204-0002

The following have been deleted:

252.204-9002

(End of Summary of Changes)

**From:** (b)(6)  
**To:** Andrew Huff; "Karissa Whiting"  
**Cc:** (b)(6)  
**Subject:** Contract Award - HDTRA1-15-C-0041  
**Date:** Thursday, April 9, 2015 3:41:00 PM  
**Attachments:** HDTRA-15-C-0041-FINAL-ATTACHMENTS.pdf

Dr Huff,  
On behalf of DTRA, please see your attached contract award document. We will be in touch shortly to setup a contract kick-off meeting! I appreciate all of your assistance (you too Karissa!) in completing this effort!

(b)(6)  
Contractor Support  
Sr. Contract Specialist  
JAB Solutions, LLC

Phone: (b)(6)  
\*\*NEW Email\*\* (b)(6)

Please take note of my new email address. The legacy address (brian.bishop\_contractor@dtra.mil) will be deleted shortly.

<b>AWARD/CONTRACT</b>		THIS CONTRACT IS A RAFFED ORDER UNDER DPAS (15 CFR 700)		RATING	PAGE OF PAGES 1   37		
2 CONTRACT (Proc. Inst. Ident.) NO HDTRA1-15-C-0041		3 EFFECTIVE DATE 09 Apr 2015		4 REQUISITION/PURCHASE REQUEST/PRODUCT NO J9CBA14212			
5 ISSUED BY DEFENSE THREAT REDUCTION AGENCY/J4C 8725 JOHN J. KINGMAN ROAD, MSC 6201 FORT BELVOIR VA 22060-6201		CODE HDTRA1	6 ADMINISTERED BY (If other than item 5) DCMA GARDEN CITY 600 STEWART AVENUE GARDEN CITY NY 11530-4761		CODE S3300A		
7 NAME AND ADDRESS OF CONTRACTOR (No street city, county, state and zip code) ECOHEALTH ALLIANCE INC. MR. ALEKSEI CHMURA 460 W 34TH ST 17TH FL NEW YORK NY 10001-2320			8 DELIVERY <input type="checkbox"/> FOB ORIGIN <input checked="" type="checkbox"/> OTHER (See item 5)		9 DISCOUNT FOR PROMPT PAYMENT		
CODE: 3MMU3			10 FACILITY CODE		10 SUBMIT INVOICES (2 copies unless otherwise specified) TO THE ADDRESS SHOWN IN		
11 SHIP TO/MARK FOR DEFENSE THREAT REDUCTION AGENCY SEE SEPARATE LETTER 8725 JOHN J. KINGMAN RD., MSC 6201 FORT BELVOIR VA 22060		CODE HDTRA1	12 PAYMENT WILL BE MADE BY DEAS COLUMBUS CENTER DEAS-COM/NORTH HENRITILEMENT OPERATIONS P.O. BOX 182266 COLUMBUS OH 43218-2266		CODE HQ0337		
13 AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION <input type="checkbox"/> 101 U.S.C. 2304(c)(1) <input type="checkbox"/> 41 U.S.C. 253(c)(1)			14 ACCOUNTING AND APPROPRIATION DATA See Schedule				
15A ITEM NO	15B SUPPLIES/ SERVICES	15C QUANTITY	15D UNIT	15E UNIT PRICE	15F AMOUNT		
<b>SEE SCHEDULE</b>							
15G TOTAL AMOUNT OF CONTRACT					<b>\$2,217,037.00</b>		
16 TABLE OF CONTENTS							
(X)	SLC	DESCRIPTION	PAGES	(X)	SL	DESCRIPTION	PAGES
<b>PART I - THE SCHEDULE</b>				<b>PART II - CONTRACT CLAUSES</b>			
X	A	SOLICITATION/ CONTRACT FORM	1	X	I	CONTRACT CLAUSES	17 - 36
X	B	SUPPLIES OR SERVICES AND PRICES/ COSTS	2 - 3	<b>PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS</b>			
	C	DESCRIPTION/ SPECS / WORK STATEMENT		X	J	LIST OF ATTACHMENTS	37
X	D	PACKAGING AND MARKING	4	<b>PART IV - REPRESENTATIONS AND INSTRUCTIONS</b>			
X	E	INSPECTION AND ACCEPTANCE	5	K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS		
X	F	DELIVERIES OR PERFORMANCE	6	L	INSTR. COND. AND NOTES TO OFFERORS		
X	G	CONTRACT ADMINISTRATION DATA	7 - 11	M	EVALUATION FACTORS FOR AWARD		
X	H	SPECIAL CONTRACT REQUIREMENTS	12 - 16				
<b>CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE</b>							
17 <input checked="" type="checkbox"/> CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return 3 copies to issuing office). (Contractor will to deliver and deliver all items or perform all the services set forth or otherwise set forth in the award and any modification sheet) for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such notices, representations, certifications, and specifications, as are attached or incorporated by reference herein. (All items are listed herein)				18 <input type="checkbox"/> AWARD (Contractor is not required to sign this document). Your offer on Solicitation Number _____ including the Additions or changes made by you which additions or changes are set forth in 21 above, is hereby accepted as to the terms listed above and on any modification sheets. This award constitutes the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual documents are necessary.			
19A NAME AND TITLE OF SIGNER (Type or print) HARVEY KASDAN, CEO			20A NAME OF CONTRACTING OFFICER (b)(6) Contracting Officer (b)(6)				
19B NAME OF CONTRACTOR BY <i>Harvey Kasdan</i> (Signature of Contractor)		19C DATE SIGNED 4/9/2015	20B UNITED STATES OF AMERICA (b)(6)		20C DATE SIGNED 04/09/2015 (Signature of Contracting Officer)		

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	Base Period - PSC: AD92	1	Lot		\$2,217,037.00
	COST				
	The Contractor shall perform the project entitled "Global Rapid Identification System (GRITS)," in accordance with Tasks 1-7 in the Statement of Work dated March 13, 2015 and incorporated into this contract as Attachment 1.				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: J9CBA14212				
				ESTIMATED COST	\$2,217,037.00
	ACRN AB				\$2,117,486.21
	CIN: J9CBA142120001				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	CDRLs		Lot		\$0.00
	COST				
	CDRLs in accordance Exhibit A Contract Data Requirements List.				
	FOB: Destination				
				ESTIMATED COST	\$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1001	Option I Period - PSC: AD92	1	Lot		\$2,262,641.00
OPTION	COST				
	The Contractor shall perform the project entitled "Global Rapid Identification System (GRITS)," in accordance with Tasks 8-15 in the Statement of Work dated March 13, 2015 and incorporated into this contract as Attachment 1.				
	FOB: Destination				
				ESTIMATED COST	\$2,262,641.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1002			Lot		\$0.00
OPTION	CDRLs				
	COST				
	CDRLs in accordance Exhibit A Contract Data Requirements List.				
	FOB: Destination				
				ESTIMATED COST	\$0.00

**BAA REFERENCE**

This contract is awarded as a result of HDTRA1-14-CHEM-BIO-BAA, Research and Development Broad Agency Announcement (BAA).

Section D - Packaging and Marking

**CLAUSES INCORPORATED BY FULL TEXT**

252.247-9001 PACKAGING AND MARKING

(a) All data contained in Exhibit A, Contract Data Requirements List (CDRL), DD Form 1423 delivered under this contract shall be delivered using best commercial practices to meet the packaging requirements of the carrier and to insure delivery, to the addressees specified on the Data Item Cover Sheet, at destination and in accordance with applicable security requirements.

(b) All data and correspondence submitted to the Contracting Officer shall reference the Contract Number, the CDRL number, and the date submitted. A copy of all correspondence sent to the Contracting Officer's Representative (COR) or Project Manager shall be simultaneously provided to the Contracting Officer.

Section E - Inspection and Acceptance

**INSPECTION AND ACCEPTANCE TERMS**

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	Destination	Government	Destination	Government
0002	Destination	Government	Destination	Government
1001	Destination	Government	Destination	Government
1002	Destination	Government	Destination	Government

**CLAUSES INCORPORATED BY REFERENCE**

52.246-9                      Inspection Of Research And Development (Short Form)                      APR 1984

**CLAUSES INCORPORATED BY FULL TEXT**

252.246-9000 INSPECTION AND ACCEPTANCE (JUL 2007)

Government inspection and acceptance of data is specified on the Contract Data Requirements List, DD Form 1423. In accordance with FAR 52.246-9, inspection and acceptance for all work performed at any and all times under this contract shall be the responsibility of the:

  X   Contracting Officer's Representative (COR) or Project Manager (PM). The Wide Area Work Flow (WAWF) Acceptor DoDDAC is located in DTRA 252.201-9000 *Project Manager* or DTRA 252.201-9002 *Contracting Officer's Representative*.

       Administrative Contracting Officer (ACO). The WAWF Acceptor DoDAAC can be found in the "Administered By" block on page 1 of the contract.

(End of Clause)

## Section F - Deliveries or Performance

## DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	POP 09-APR-2015 TO 08-APR-2016	N/A	DEFENSE THREAT REDUCTION AGENCY HDTRA1 SEE SEPARATE LETTER 8725 JOHN J. KINGMAN RD., MSC 6201 FORT BELVOIR VA 22060 FOB: Destination	
0002	POP 09-APR-2015 TO 08-APR-2016	N/A	N/A FOB: Destination	
1001	POP 09-APR-2016 TO 08-APR-2017	N/A	DEFENSE THREAT REDUCTION AGENCY HDTRA1 SEE SEPARATE LETTER 8725 JOHN J. KINGMAN RD., MSC 6201 FORT BELVOIR VA 22060 FOB: Destination	
1002	POP 09-APR-2016 TO 08-APR-2017	N/A	N/A FOB: Destination	

## CLAUSES INCORPORATED BY REFERENCE

52.242-15 Alt I	Stop-Work Order (Aug 1989) - Alternate I	APR 1984
52.247-34	F.O.B. Destination	NOV 1991

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AB: 044315 097 0400 000 N 20152016 D 2620 0602384BP CB CBA RC 1516 0400 2620 TM2DN DTRA 255  
 AMOUNT: \$2,117,486.21  
 CIN J9CBA142120001: \$2,117,486.21

CLAUSES INCORPORATED BY REFERENCE

52.232-33	Payment by Electronic Funds Transfer--System for Award Management	JUL 2013
252.201-7000	Contracting Officer's Representative	DEC 1991
252.204-7006	Billing Instructions	OCT 2005
252.232-7003	Electronic Submission of Payment Requests and Receiving Reports	JUN 2012
252.232-7006	Wide Area WorkFlow Payment Instructions	MAY 2013

CLAUSES INCORPORATED BY FULL TEXT

252.201-9002 CONTRACTING OFFICER'S REPRESENTATIVE (MAY 2007)

- a. The Contracting Officer's Representative (COR) for this contract is:  
 SEE SEPARATE LETTER

-----  
 Defense Threat Reduction Agency/\_\_\_\_\_  
 1680 Texas St SE  
 Kirtland AFB NM 87117-5669  
 Telephone number (505) \_\_\_\_-\_\_\_\_  
 e-mail address \_\_\_\_\_@abq.dtra.mil.  
 WAWF Acceptor DoDAAC: IIDTRA2

**b. The COR will act as the Contracting Officer's Representative for technical matters providing technical direction and discussion as necessary with respect to the specification/statement of work and monitoring the progress and quality of the Contractor's performance. The COR is NOT an Administrative Contracting Officer (ACO) and does not have the authority to take any action, either directly or indirectly that would change the pricing, quality, quantity, place of performance, delivery schedule, or any other terms and conditions of the contract, or to direct the accomplishment of effort, which goes beyond the scope of the specifications/statement of work in the contract.**

c. When, in the opinion of the contractor, the COR requests effort outside the existing scope of the contract, the contractor shall promptly notify the Contracting Officer in writing. No action shall be taken by the contractor under such direction until the Contracting Officer has issued a modification to the contract or has otherwise resolved the issue.

**252.204-9002 PAYMENT INSTRUCTIONS FOR MULTIPLE ACCOUNTING CLASSIFICATION CITATIONS (MAY 2012)**

In accordance with DFARS 204.7108 Payment Instructions, payment shall be made by the numbered payment instruction identified below:

Line item specific: sequential ACRN order.  
 252.204-0002 Line Item Specific: Sequential ACRN Order. (SEP 2009)

If there is more than one ACRN within a contract line item, the payment office will make payment in sequential ACRN order within the line item, exhausting all funds in the previous ACRN before paying from the next ACRN using the following sequential order: Alpha/Alpha; Alpha/Numeric; Numeric/Alpha; and Numeric/Numeric.

**CLAUSES INCORPORATED BY FULL TEXT**

**252.216-9005 PROFIT OR FEE ON TRAVEL COSTS (JUL 2008)**

Travel shall not be a profit or fee bearing cost element.

(End of clause)

**CLAUSES INCORPORATED BY FULL TEXT**

**252.232-9000 CONTRACT FUNDING PROFILE (OCT 1998)**

Subject to FAR Clause 52.232-22, Limitation of Funds, the amount of \$2,117,486.21 is obligated for work to be performed during the period beginning with contract award and continuing through the end of the base period. Additional incremental funding planned, but not obligated, is: \$99,551.79.

(End of clause)

**252.232-9001 PRICES/COST**

a. Subject to the provisions of the Clauses of this Contract entitled LIMITATION OF FUNDS, ALLOWABLE COST AND PAYMENT, and FIXED FEE, the total allowable cost under this Contract shall not exceed \$\_\_\_\_\_ A \_\_\_\_\_, which is the total estimated cost of the Contractor's performance hereunder, exclusive of fixed fee. In addition, the Government shall pay the Contractor a fixed fee of \$\_\_\_\_\_ B \_\_\_\_\_ for the performance of this Contract. It is understood and agreed that the Government's obligation is limited to INCREMENTAL FUNDING in the amount of \$\_\_\_\_\_ C \_\_\_\_\_. Within this amount (\$\_\_\_\_\_ C \_\_\_\_\_), the fixed fee shall bear the same relationship to the total fixed fee, as the costs incurred bear to the total estimated cost.

b. Interim payment vouchers may be submitted for provisional payment pursuant to the Clauses of this Contract entitled ALLOWABLE COST AND PAYMENT and FIXED FEE.

Fill in the dollar amounts as applicable:

CLIN 0001

A: \$2,217,037.00

B: \$0

C: \$2,117,486.21

**252.232-9012 WIDE AREA WORK FLOW (WAWF) – RECEIPT AND ACCEPTANCE (RA) INSTRUCTIONS (November 2011)**

(a) As prescribed in DFARS clause 252.232-7003 Electronic Submission of Payment Requests (Jan 2004), Contractors must submit payment requests in electronic form. Paper copies will no longer be accepted or processed for payment unless the conditions of DFARS clause 252.232-7003(c) apply. To facilitate this electronic submission, the Defense Threat Reduction Agency (DTRA) has implemented the DoD sanctioned Wide Area Workflow-Receipt and Acceptance (WAWF-RA) for contractors to submit electronic payment requests and receiving reports. The contractor shall submit electronic payment requests and receiving reports via WAWF-RA. **Vendors shall send an email notification to the Contracting Officer Representative (COR), Program/Project Manager or other government acceptance official identified in the contract by clicking on the Send Additional Email Notifications link upon every submission of an invoice/cost voucher in WAWF-RA. To access WAWF, go to <https://wawf.eb.mil>.**

**\*\* For questions, contact the DTRA WAWF Team at [wawfhelp@dtra.mil](mailto:wawfhelp@dtra.mil) \*\***

(b) Definitions:

**Acceptor:** Contracting Officer's Representative, Program/Project Manager, or other government acceptance official as identified in the contract/order.

**Pay Official:** Defense Finance and Accounting Service (DFAS) payment office identified in the contract/order.

**SHIP To/Service Acceptor DoDAAC:** Acceptor DoDAAC or DCMA DoDAAC (as specified in the contract/order).

**DCAA Auditor DoDAAC:** Needed when invoicing on cost-reimbursable contracts. (Go to [www.dcaa.mil](http://www.dcaa.mil) and click on the appropriate link under the Audit Office Locator to search for your DCAA DoDAAC.)

>>>>> For contracts that are administered by the Office of Naval Research (ONR): <<<<<<  
Enter the ONR DoDAAC in the DCAA Auditor DoDAAC field in WAWF.

(c) WAWF Contractor Input Information:

The contractor shall use the following information in creating electronic payment requests in WAWF:

Invoice Type in WAWF:

- If billing for Cost Type/Reimbursable contracts (including T&M and LH), select "Cost Voucher"
- If billing for Firm-Fixed Price (FFP) Materials Only, select "Combo"
- If billing for FFP Materials and Service, select "Combo"
- If billing for FFP Services Only, select "2-n-1 (Services Only)"

\*\* If the contract contains both FFP and Cost Type (including T&M and LH) line items, they must be invoiced separately on appropriate types mentioned above. Upon the written approval of the Project Manager or Contracting Officer's Representative, the contractor may invoice both line items in one type of invoice.

**For WAWF Routing Information, See Table Below:**

Description	SF 26	SF 33	SF 1449	DD 1155
	Located in Block/Section			
Contract Number	2	2	2	1
Delivery Order	See Individual Order		4	2
CAGE Code	7	15a	17a	9
Pay DoDAAC	12	25	18a	15
Inspection	Section E (except SF 1449, See Entitled): INSPECTION AND ACCEPTANCE			
Acceptance	Section E (except SF 1449, See Entitled): INSPECTION AND ACCEPTANCE			
Issue Date	3	5	3	3
Issue By DoDAAC	5	7	9	6
Admin DoDAAC	6	24	16	7
Ship To / Service Acceptor DoDAAC	6	24	16	7
Ship to Extension	Do Not Fill In			
Services or Supplies	Based on majority of requirement as determined by monetary value			
Final Invoice?	Do not change "N" (no) to "Y" (yes) unless this is the last invoice and the contract is ready for closeout.			

**(d) Final Invoices/Vouchers -Final Payment** shall be made in accordance with the Federal Acquisition Regulation (FAR) 52.216-7, entitled "Allowable Cost and Payment."

**Invoices** - Invoice 2-n-1 (Services Only) and Invoice and Receiving Report (Combo)

Select the "Y" selection from the "**Final Invoice?**" drop-down box when submitting the final invoice for payment for a contract. Upon successful submission of the final invoice, click on the **Send Additional Email Notifications** link to send an additional email notification to the Contracting Officer Representative (COR), Program/Project Manager or other government acceptance official identified in the contract.

**Cost Vouchers** - Once the final DCAA audit is complete for cost reimbursable contracts and authorization is received to submit the final cost voucher, select the "Y" selection from the "**Final Voucher?**" drop-down box when submitting the final cost voucher. Upon successful submission of the final cost voucher, click on the **Send Additional Email Notifications** link to send an additional email notification to the following email address:

[finalcostvouchers@dtra.mil](mailto:finalcostvouchers@dtra.mil)

(e) WAWF Training may be accessed online at <http://www.wawftraining.com>. To practice creating documents in WAWF, visit the practice site at <https://wawftraining.cb.mil>. General DFAS information may be accessed using the DFAS website at <http://www.dfas.mil/>. Payment status information may be accessed using the myInvoice system at <https://myinvoice.csd.disa.mil>. Your contract number and shipment/invoice number will be required to check status of your payment.

**Note: For specific invoice related inquiries email: [vendorpay@dtra.mil](mailto:vendorpay@dtra.mil). Vendors shall forward any additional DTRA related WAWF questions to [wawfhelp@dtra.mil](mailto:wawfhelp@dtra.mil).**

252.242-9003 - ASSIGNMENT OF CONTRACT ADMINISTRATION SERVICES (CAS) FUNCTIONS (FEB 2012)

- a. The contract administration functions stated in FAR 42.302(a) are assigned to: See Page 1, Section A, Block 6 of this contract.
- b. Notwithstanding that assignment, in accordance with FAR 42.202(b)(2), the following functions are determined to be best performed by the PCO and are retained by the DTRA Contracting Office:
  - (1) FAR 42.302(a)(3) Conduct post-award orientation conferences.
  - (2) FAR 42.302(a)(20) Ensure processing and execution of duty-free entry certificates.
  - (3) FAR 42.302(a)(40) Perform engineering surveillance to assess compliance with contractual terms for schedule, cost, and technical performance in the areas of design, development, and production.
  - (4) FAR 42.302(a)(51) Consent to the placement of subcontracts.
  - (5) Approval or disapproval of the data items listed on Exhibit A, DD Form 1423, Contract Data Requirements List.

*(END OF CLAUSE)*

## Section H - Special Contract Requirements

## CLAUSES INCORPORATED BY FULL TEXT

## 252.201-9003 LIMITATION OF AUTHORITY (JUN 2009)

No person in the Government, other than a Contracting Officer, has the authority to provide direction to the Contractor, which alters the Contractor's obligations or changes this contract in any way. If any person representing the Government, other than a Contracting Officer, attempts to alter contract obligations, change the contract specifications/statement of work or tells the contractor to perform some effort which the Contractor believes to be outside the scope of this contract, the Contractor shall immediately notify the Procuring Contracting Officer (PCO). Contractor personnel shall not comply with any order or direction which they believe to be outside the scope of this contract unless the order or direction is issued by a Contracting Officer.

## CLAUSES INCORPORATED BY FULL TEXT

## 252.203-9000 Prohibition on the Use of Senior Mentors (JUNE 2010)

- (a) The use of senior mentors by the Defense Threat Reduction Agency (DTRA) enhances the readiness of the Agency across a wide range of strategic, operational, joint, functional, technical, management and development mission areas. The relevant prior service, joint force experience, and unique expertise of these senior consultants provide senior leadership with valuable insights and contribute to the continuous improvement of the Agencies' operations.
- (b) For the purposes of this clause, Senior Mentor is defined as a retired flag, general or other military officers (O-6) or retired senior civilian official (Senior Executive Service (SES), Senior Level (SL), Scientific and Professional (ST)) who provides expert experience-based mentoring, teaching, training, advice, and recommendations to senior military officers, staffs and students as they participate in war games, warfighting courses, operational planning, operational exercises, and decision-making exercises.
- (c) In accordance with Secretary of Defense Memorandum entitled "Policy on Senior Mentors" dated April 1, 2010, DTRA will hire all senior mentors as highly qualified experts (HQE) under 5 U.S.C. 9903. This policy balances the need for DTRA to secure the specialized knowledge required for these operational exercises with the need to hire such experts in a manner that promotes public trust and confidence.
- (d) The Contractor shall not include the use of senior mentors in bids or proposals for services/supplies offered to DTRA.
- (e) The Contractor shall include the substance of this clause in all subcontracts.

(End of Clause)

## CLAUSES INCORPORATED BY FULL TEXT

### 252.209-9002 NON-GOVERNMENT SUPPORT PERSONNEL (JAN 2008)

The following companies may have access to contractor information, technical data or computer software that may be marked as proprietary or otherwise marked with restrictive legends: JAB Solutions (Contract Specialist support); Quanterion Solutions, Inc. (DTRAC Technical Engineering Services); Booz Allen Hamilton (administrative support); TASC (advisory and assistance services); Kforce Government Solutions, Inc. (Accounting and Financial Systems Support). Each contract contains organizational conflict of interest provisions and/or includes contractual requirements for non-disclosure of proprietary contractor information or data/software marked with restrictive legends. The contractor, by submitting a proposal or entering into this contract, is deemed to have consented to the disclosure of its information to JAB Solutions, Quanterion Solutions, Inc., Booz Allen Hamilton, TASC, and Kforce Government Solutions, Inc. under the conditions and limitations described herein.

## CLAUSES INCORPORATED BY FULL TEXT

### 252.215-9004 KEY PERSONNEL (AUG 2012)

The personnel listed below are considered essential to the work being performed hereunder. Prior to removing, replacing, or diverting any of the specified individuals, the Contractor shall notify the Contracting Officer reasonably in advance and shall submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this Contract. No deviation shall be made by the Contractor without the prior written consent of the Contracting Officer; provided, that the Contracting Officer authorizes in writing the change, such authorization shall constitute the consent of the Contracting Officer required by this paragraph. The personnel listed below may, with the consent of the contracting parties, be amended from time to time during the course of the Contract to either add or delete personnel as appropriate.

Principal Investigator

## CLAUSES INCORPORATED BY FULL TEXT

### 252.216-9003 CONSULTANTS (OCT 1998)

Services of consultants shall be at rates and for periods approved in advance by the Contracting Officer. Requests for approval shall be submitted to the Contracting Officer sufficiently in advance of the need to use a consultant under this Contract. The request shall include (a) a copy of the proposed consultant agreement, (b) a brief biography of the consultant, and (c) an indication of the area(s) in which consultant's expertise will be utilized and why it is essential for contract performance. In addition, significant deviations from the dollar amount approved for consultant services, or changes in the consultants to be utilized, must likewise be approved in advance upon submission of adequate justification.

## CLAUSES INCORPORATED BY FULL TEXT

## 252.223-9004 – Environmental, Radiation, Safety Notification, Compliance and Liability (JUN 2013)

- (a) Environmental, Radiation, and Safety Notification: The Contractor shall notify the Contracting Officer (CO) and Contracting Officer Representative (COR) of any occurrence of non-compliance with Environmental, Radiation, and Safety regulations that occur at any of the Contractor's facilities at which government property is located as soon as practicable, but not later than 24 hours after identification of an incident. The Contractor shall make initial notification by telephone or email. Then, shall follow-up with a written report within 10 business days.
- (b) The Contractor shall notify the CO/COR of any external Environmental, Radiation, and Safety audits or inspections conducted at the facility and provide any reports resulting from the audit. The final report shall be provided to the CO/COR within 30 days following the audit.
- (c) The Contractor shall comply with all Federal, State, and local Environmental, Radiation, and Safety regulations, including, without limitation, statutes, ordinances, court orders, consent decrees, administrative orders, or compliance agreements applicable to the facilities where the Government Property is located.
- (d) The Contractor shall acquire all necessary permits, and licenses.
- (e) DTRA will not be responsible, financially or otherwise, for the investigation, monitoring, cleanup, containment, restoration, removal, or other remedial activity with respect to any hazardous substances present in the soil, ground water, or building(s) that (i) results from activities conducted by entities other than DTRA during the term of this contract, or (ii) results from activities conducted pursuant to any contract, lease, or occupancy agreement that is not associated with DTRA-owned property or activities.

*(End of Clause)*

## CLAUSES INCORPORATED BY FULL TEXT

## 252.235-9000 SOURCES OF INFORMATION (JULY 2000)

a. The results of the research to be delivered to the Government under this Contract shall embody the most recent reliable information in the field which is available to the Contractor from private and governmental sources, and the Contractor agrees to utilize all sources of such information available to it. In this connection, information in this field which is in the control of DTRA shall, with the consent of the Contracting Officer's Representative (COR) and under such safeguards and procedures as he/she may prescribe, be made available to the Contractor on request. Additionally, the Contractor is encouraged to make use of the resources available through the Defense Threat Reduction Information Analysis Center (DTRIAC), 1680 Texas Street, Southeast, Kirtland AFB, New Mexico 87117.

b. Reasonable assistance in obtaining access to information, or in obtaining permission to use Government or private facilities, will be given to the Contractor by DTRA. Specifically, the Contractor must register with the Defense Technical Information Center, ATTN: DTIC, 8725 John J. Kingman Road, Suite 0944, Fort Belvoir, VA 22060-6218, in accordance with Defense Logistics Agency (DLA) Regulation 4185.10, Certification and Registration for Access to DoD Defense Technical Information. DD Form 1540, the registration form, shall be forwarded to the DTRA Contracting Officer for approval (DFARS 35.010(b)).  
(End of clause)

#### CLAUSES INCORPORATED BY FULL TEXT

#### **252.237-9001 - Enterprise-wide Contractor Manpower Reporting Application (APR 2013)**

(a) In accordance with Section 2330a of title 10, United States Code (10 USC 2330a), Contractors shall report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract via a secure data collection site. The contractor shall completely fill in all required data fields using the following web address: <http://www.ecmra.mil/>.

(b) Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year, beginning with 2013. Contractors may direct questions to the help desk at: <http://www.ecmra.mil/>.

*(End of Clause)*

#### **252.242-9000 CONTRACTOR PERFORMANCE ASSESSMENT REPORTING SYSTEM (CPARS) (NOV 2002)**

1. As required by FAR Part 42.1503, and DTRA policy for the Contractor Performance Assessment Reporting System (CPARS) and Past Performance Automated Information System (PPAIS) effective July, 2001, the Government shall complete a CPAR each year of the period of performance of this contract. The contractor will have an opportunity to provide their comments in each CPAR before it is finalized. In accordance with DTRA CPARS policy the completed CPARS will be entered into the Department of Defense Past Performance Automated Information System (PPAIS), a retrieval system for source selection teams to access the CPARS of contractors' performance. The DTRA CPARS and PPAIS policy includes an explanation of the process and procedures that will be utilized under this contract. A copy is available for contractor reference via the DTRALink ([www.dtra.mil/](http://www.dtra.mil/)) by accessing Acquisition, How We Do Business.

2. The CPARs shall occur annually in accordance with the schedule established below:

(i) Initial CPAR: 12 months after contract start date (date performance begins)  
TBD (by PCO)

(ii) Interim CPAR(s) will be performed annually on the anniversary of the contract start date according to the following schedule:

TBD (by PCO)

(iii) A Final CPAR will be completed upon contract termination, transfer of program management/contract management responsibility outside of DTRA, the delivery of the final end item on contract and/or the completion of the performance period.

(iv) An Out-of-Cycle CPAR may be required when there is a significant change in performance that alters the assessment in one or more evaluation area(s). An Out-of-Cycle CPAR is optional and shall be processed in accordance with Attachment\_\_\_\_

3. Each CPAR shall only cover the period elapsing from the last annual CPAR. The final CPAR shall not be used to summarize or "roll-up" the contractor's performance under the entire contract. Each annual CPAR and the final CPAR together will comprise a total picture of contractor performance.

4. At the request of the Government, a verbal, informal review of the Contractor's performance may be held 3-6 months before the completion of the Interim or Final Evaluation periods. This review entails discussing any problems or areas of concern regarding the Contractor's performance to date. No written evaluation form or other formal documentation is required for this evaluation. It may be conducted with the Contractor by telephone, teleconference or face-to-face. This is designed to offer the Contractor an opportunity to correct known deficiencies or weaknesses prior to the formal written evaluation.

5. As set forth in DTRA CPARS policy, any disagreements between the Contractor and the Program Manager regarding the CPAR(s) that cannot be resolved shall be reviewed by the designated Reviewing Official prior to finalization of the CPAR.

6. Special Requirements for Indefinite Delivery Contracts (IDIQ and Requirements type), CPARs shall be processed (select one)

\_\_\_ for all existing orders (combined) at the time the CPAR is processed

\_\_\_ on an order-by-order basis

\_\_\_ on a grouped order basis

7. The policy and procedures set forth in this clause and DTRA CPARS policy are not subject to "Disputes" as described in FAR Part 33.

## Section I - Contract Clauses

UPDATED CLAUSES

52.222-50 COMBATING TRAFFICKING IN PERSONS (MAR 2015)  
 52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS (MAR 2015)  
 252.209-7004 SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE GOVERNMENT OF A COUNTRY THAT IS A STATE SPONSOR OF TERRORISM (DEC 2014)

## CLAUSES INCORPORATED BY REFERENCE

52.202-1	Definitions	NOV 2013
52.203-3	Gratuities	APR 1984
52.203-5	Covenant Against Contingent Fees	MAY 2014
52.203-6	Restrictions On Subcontractor Sales To The Government	SEP 2006
52.203-7	Anti-Kickback Procedures	MAY 2014
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	MAY 2014
52.203-10	Price Or Fee Adjustment For Illegal Or Improper Activity	MAY 2014
52.203-12	Limitation On Payments To Influence Certain Federal Transactions	OCT 2010
52.203-17	Contractor Employee Whistleblower Rights and Requirement To Inform Employees of Whistleblower Rights	APR 2014
52.204-4	Printed or Copied Double-Sided on Postconsumer Fiber Content Paper	MAY 2011
52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards	JUL 2013
52.204-13	System for Award Management Maintenance	JUL 2013
52.204-18	Commercial and Government Entity Code Maintenance	NOV 2014
52.204-19	Incorporation by Reference of Representations and Certifications.	DEC 2014
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	AUG 2013
52.209-9	Updates of Publicly Available Information Regarding Responsibility Matters	JUL 2013
52.209-10	Prohibition on Contracting With Inverted Domestic Corporations	DEC 2014
52.215-2	Audit and Records--Negotiation	OCT 2010
52.215-2 Alt II	Audit and Records--Negotiation (Oct 2010) - Alternate II	APR 1998
52.215-8	Order of Precedence--Uniform Contract Format	OCT 1997
52.215-10	Price Reduction for Defective Certified Cost or Pricing Data	AUG 2011
52.215-12	Subcontractor Certified Cost or Pricing Data	OCT 2010
52.215-14	Integrity of Unit Prices	OCT 2010
52.215-15	Pension Adjustments and Asset Reversions	OCT 2010
52.215-17	Waiver of Facilities Capital Cost of Money	OCT 1997
52.215-18	Reversion or Adjustment of Plans for Postretirement Benefits (PRB) Other than Pensions	JUL 2005
52.215-19	Notification of Ownership Changes	OCT 1997
52.215-21	Requirements for Certified Cost or Pricing Data and Data Other Than Certified Cost or Pricing Data -- Modifications	OCT 2010
52.215-23	Limitations on Pass-Through Charges	OCT 2009
52.216-11	Cost Contract--No Fee	APR 1984

52.219-8	Utilization of Small Business Concerns	OCT 2014
52.219-9 ALT II (Dev)	Small Business Subcontracting Plan (Deviation 2013-O0014) - Alternate II	OCT 2014
52.219-16	Liquidated Damages-Subcontracting Plan	JAN 1999
52.222-3	Convict Labor	JUN 2003
52.222-21	Prohibition Of Segregated Facilities	FEB 1999
52.222-26	Equal Opportunity	MAR 2007
52.222-35	Equal Opportunity for Veterans	JUL 2014
52.222-36	Equal Opportunity for Workers with Disabilities	JUL 2014
52.222-37	Employment Reports on Veterans	JUL 2014
52.222-40	Notification of Employee Rights Under the National Labor Relations Act	DEC 2010
52.222-54	Employment Eligibility Verification	AUG 2013
52.223-6	Drug-Free Workplace	MAY 2001
52.223-18	Encouraging Contractor Policies To Ban Text Messaging While Driving	AUG 2011
52.225-13	Restrictions on Certain Foreign Purchases	JUN 2008
52.227-1 Alt I	Authorization And Consent (Dec 2007) - Alternate I	APR 1984
52.227-2	Notice And Assistance Regarding Patent And Copyright Infringement	DEC 2007
52.227-11 Alt II	Patent Rights--Ownership by the Contractor (May 2014) - Alternate II	DEC 2007
52.228-7	Insurance--Liability To Third Persons	MAR 1996
52.232-9	Limitation On Withholding Of Payments	APR 1984
52.232-17	Interest	MAY 2014
52.232-20	Limitation Of Cost	APR 1984
52.232-22	Limitation Of Funds	APR 1984
52.232-23 Alt I	Assignment of Claims (May 2014) - Alternate I	APR 1984
52.232-25 Alt I	Prompt Payment (July 2013) Alternate I	FEB 2002
52.232-39	Unenforceability of Unauthorized Obligations	JUN 2013
52.232-40	Providing Accelerated Payments to Small Business Subcontractors	DEC 2013
52.233-1 Alt I	Disputes (May 2014) - Alternate I	DEC 1991
52.233-3 Alt I	Protest After Award (Aug 1996) - Alternate I	JUN 1985
52.233-4	Applicable Law for Breach of Contract Claim	OCT 2004
52.242-1	Notice of Intent to Disallow Costs	APR 1984
52.242-3	Penalties for Unallowable Costs	MAY 2014
52.242-4	Certification of Final Indirect Costs	JAN 1997
52.242-13	Bankruptcy	JUL 1995
52.243-2 Alt V	Changes--Cost-Reimbursement (Aug 1987) - Alternate V	APR 1984
52.244-5	Competition In Subcontracting	DEC 1996
52.245-1	Government Property	APR 2012
52.245-9	Use And Charges	APR 2012
52.246-25	Limitation Of Liability--Services	FEB 1997
52.249-5	Termination For Convenience Of The Government (Educational And Other Nonprofit Institutions)	SEP 1996
52.251-1	Government Supply Sources	APR 2012
52.253-1	Computer Generated Forms	JAN 1991
252.203-7000	Requirements Relating to Compensation of Former DoD Officials	SEP 2011
252.203-7001	Prohibition On Persons Convicted of Fraud or Other Defense- Contract-Related Felonies	DEC 2008
252.203-7002	Requirement to Inform Employees of Whistleblower Rights	SEP 2013
252.204-7000	Disclosure Of Information	AUG 2013

252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7012	Safeguarding of Unclassified Controlled Technical Information	NOV 2013
252.205-7000	Provision Of Information To Cooperative Agreement Holders	DEC 1991
252.211-7007	Reporting of Government-Furnished Property	AUG 2012
252.215-7000	Pricing Adjustments	DEC 2012
252.215-7002	Cost Estimating System Requirements	DEC 2012
252.219-7003	Small Business Subcontracting Plan (DOD Contracts)	OCT 2014
252.222-7006	Restrictions on the Use of Mandatory Arbitration Agreements	DEC 2010
252.225-7012	Preference For Certain Domestic Commodities	FEB 2013
252.225-7048	Export-Controlled Items	JUN 2013
252.226-7001	Utilization of Indian Organizations and Indian-Owned Economic Enterprises, and Native Hawaiian Small Business Concerns	SEP 2004
252.227-7013	Rights in Technical Data--Noncommercial Items	FEB 2014
252.227-7014	Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation	FEB 2014
252.227-7016	Rights in Bid or Proposal Information	JAN 2011
252.227-7019	Validation of Asserted Restrictions--Computer Software	SEP 2011
252.227-7027	Deferred Ordering Of Technical Data Or Computer Software	APR 1988
252.227-7030	Technical Data--Withholding Of Payment	MAR 2000
252.227-7037	Validation of Restrictive Markings on Technical Data	JUN 2013
252.227-7039	Patents--Reporting Of Subject Inventions	APR 1990
252.231-7000	Supplemental Cost Principles	DEC 1991
252.232-7010	Levies on Contract Payments	DEC 2006
252.235-7011	Final Scientific or Technical Report	NOV 2004
252.242-7006	Accounting System Administration	FEB 2012
252.243-7002	Requests for Equitable Adjustment	DEC 2012
252.244-7000	Subcontracts for Commercial Items	JUN 2013
252.244-7001	Contractor Purchasing System Administration	MAY 2014
252.245-7001	Tagging, Labeling, and Marking of Government-Furnished Property	APR 2012
252.245-7002	Reporting Loss of Government Property	APR 2012
252.245-7003	Contractor Property Management System Administration	APR 2012
252.245-7004	Reporting, Reutilization, and Disposal	MAY 2013
252.247-7023	Transportation of Supplies by Sea	APR 2014
252.247-7024	Notification Of Transportation Of Supplies By Sea	MAR 2000
252.251-7000	Ordering From Government Supply Sources	AUG 2012

#### CLAUSES INCORPORATED BY FULL TEXT

##### 52.216-7 ALLOWABLE COST AND PAYMENT (JUN 2013)

###### (a) Invoicing.

(1) The Government will make payments to the Contractor when requested as work progresses, but (except for small business concerns) not more often than once every 2 weeks, in amounts determined to be allowable by the Contracting Officer in accordance with Federal Acquisition Regulation (FAR) subpart 31.2 in effect on the date of this contract and the terms of this contract. The Contractor may submit to an authorized representative of the Contracting Officer, in such form and reasonable detail as the representative may require, an invoice or voucher supported by a statement of the claimed allowable cost for performing this contract.

(2) Contract financing payments are not subject to the interest penalty provisions of the Prompt Payment Act. Interim payments made prior to the final payment under the contract are contract financing payments, except interim payments if this contract contains Alternate I to the clause at 52.232-25.

(3) The designated payment office will make interim payments for contract financing on the 30th day after the designated billing office receives a proper payment request.

In the event that the Government requires an audit or other review of a specific payment request to ensure compliance with the terms and conditions of the contract, the designated payment office is not compelled to make payment by the specified due date.

(b) Reimbursing costs. (1) For the purpose of reimbursing allowable costs (except as provided in subparagraph (b)(2) of the clause, with respect to pension, deferred profit sharing, and employee stock ownership plan contributions), the term "costs" includes only--

(i) Those recorded costs that, at the time of the request for reimbursement, the Contractor has paid by cash, check, or other form of actual payment for items or services purchased directly for the contract;

(ii) When the Contractor is not delinquent in paying costs of contract performance in the ordinary course of business, costs incurred, but not necessarily paid, for--

(A) Supplies and services purchased directly for the contract and associated financing payments to subcontractors, provided payments determined due will be made--

(1) In accordance with the terms and conditions of a subcontract or invoice; and

(2) Ordinarily within 30 days of the submission of the Contractor's payment request to the Government;

(B) Materials issued from the Contractor's inventory and placed in the production process for use on the contract;

(C) Direct labor;

(D) Direct travel;

(E) Other direct in-house costs; and

(F) Properly allocable and allowable indirect costs, as shown in the records maintained by the Contractor for purposes of obtaining reimbursement under Government contracts; and

(iii) The amount of financing payments that have been paid by cash, check, or other forms of payment to subcontractors.

(2) Accrued costs of Contractor contributions under employee pension plans shall be excluded until actually paid unless--

(i) The Contractor's practice is to make contributions to the retirement fund quarterly or more frequently; and

(ii) The contribution does not remain unpaid 30 days after the end of the applicable quarter or shorter payment period (any contribution remaining unpaid shall be excluded from the Contractor's indirect costs for payment purposes).

(3) Notwithstanding the audit and adjustment of invoices or vouchers under paragraph (g) of this clause, allowable indirect costs under this contract shall be obtained by applying indirect cost rates established in accordance with paragraph (d) of this clause.

(4) Any statements in specifications or other documents incorporated in this contract by reference designating performance of services or furnishing of materials at the Contractor's expense or at no cost to the Government shall be disregarded for purposes of cost-reimbursement under this clause.

(c) Small business concerns. A small business concern may receive more frequent payments than every 2 weeks.

(d) Final indirect cost rates. (1) Final annual indirect cost rates and the appropriate bases shall be established in accordance with Subpart 42.7 of the Federal Acquisition Regulation (FAR) in effect for the period covered by the indirect cost rate proposal.

(2)(i) The Contractor shall submit an adequate final indirect cost rate proposal to the Contracting Officer (or cognizant Federal agency official) and auditor within the 6-month period following the expiration of each of its fiscal years. Reasonable extensions, for exceptional circumstances only, may be requested in writing by the Contractor and granted in writing by the Contracting Officer. The Contractor shall support its proposal with adequate supporting data.

(ii) The proposed rates shall be based on the Contractor's actual cost experience for that period. The appropriate Government representative and the Contractor shall establish the final indirect cost rates as promptly as practical after receipt of the Contractor's proposal.

(iii) An adequate indirect cost rate proposal shall include the following data unless otherwise specified by the cognizant Federal agency official:

(A) Summary of all claimed indirect expense rates, including pool, base, and calculated indirect rate.

(B) General and Administrative expenses (final indirect cost pool). Schedule of claimed expenses by element of cost as identified in accounting records (Chart of Accounts).

(C) Overhead expenses (final indirect cost pool). Schedule of claimed expenses by element of cost as identified in accounting records (Chart of Accounts) for each final indirect cost pool.

(D) Occupancy expenses (intermediate indirect cost pool). Schedule of claimed expenses by element of cost as identified in accounting records (Chart of Accounts) and expense reallocation to final indirect cost pools.

(E) Claimed allocation bases, by element of cost, used to distribute indirect costs.

(F) Facilities capital cost of money factors computation.

(G) Reconciliation of books of account (i.e., General Ledger) and claimed direct costs by major cost element.

(H) Schedule of direct costs by contract and subcontract and indirect expense applied at claimed rates, as well as a subsidiary schedule of Government participation percentages in each of the allocation base amounts.

(I) Schedule of cumulative direct and indirect costs claimed and billed by contract and subcontract.

(J) Subcontract information. Listing of subcontracts awarded to companies for which the contractor is the prime or upper-tier contractor (include prime and subcontract numbers; subcontract value and award type; amount claimed during the fiscal year; and the subcontractor name, address, and point of contact information).

(K) Summary of each time-and-materials and labor-hour contract information, including labor categories, labor rates, hours, and amounts; direct materials; other direct costs; and, indirect expense applied at claimed rates.

(L) Reconciliation of total payroll per IRS form 941 to total labor costs distribution.

- (M) Listing of decisions/agreements/approvals and description of accounting/organizational changes.
- (N) Certificate of final indirect costs (see 52.242-4, Certification of Final Indirect Costs).
- (O) Contract closing information for contracts physically completed in this fiscal year (include contract number, period of performance, contract ceiling amounts, contract fee computations, level of effort, and indicate if the contract is ready to close).
- (iv) The following supplemental information is not required to determine if a proposal is adequate, but may be required during the audit process:
- (A) Comparative analysis of indirect expense pools detailed by account to prior fiscal year and budgetary data.
- (B) General organizational information and limitation on allowability of compensation for certain contractor personnel. See 31.205-6(p). Additional salary reference information is available at [http://www.whitehouse.gov/omb/procurement\\_index\\_excc\\_comp/](http://www.whitehouse.gov/omb/procurement_index_excc_comp/).
- (C) Identification of prime contracts under which the contractor performs as a subcontractor.
- (D) Description of accounting system (excludes contractors required to submit a CAS Disclosure Statement or contractors where the description of the accounting system has not changed from the previous year's submission).
- (E) Procedures for identifying and excluding unallowable costs from the costs claimed and billed (excludes contractors where the procedures have not changed from the previous year's submission).
- (F) Certified financial statements and other financial data (e.g., trial balance, compilation, review, etc.).
- (G) Management letter from outside CPAs concerning any internal control weaknesses.
- (H) Actions that have been and/or will be implemented to correct the weaknesses described in the management letter from subparagraph G) of this section.
- (I) List of all internal audit reports issued since the last disclosure of internal audit reports to the Government.
- (J) Annual internal audit plan of scheduled audits to be performed in the fiscal year when the final indirect cost rate submission is made.
- (K) Federal and State income tax returns.
- (L) Securities and Exchange Commission 10-K annual report.
- (M) Minutes from board of directors meetings.
- (N) Listing of delay claims and termination claims submitted which contain costs relating to the subject fiscal year.
- (O) Contract briefings, which generally include a synopsis of all pertinent contract provisions, such as: Contract type, contract amount, product or service(s) to be provided, contract performance period, rate ceilings, advance approval requirements, pre-contract cost allowability limitations, and billing limitations.

(v) The Contractor shall update the billings on all contracts to reflect the final settled rates and update the schedule of cumulative direct and indirect costs claimed and billed, as required in paragraph (d)(2)(iii)(I) of this section, within 60 days after settlement of final indirect cost rates.

(3) The Contractor and the appropriate Government representative shall execute a written understanding setting forth the final indirect cost rates. The understanding shall specify (i) the agreed-upon final annual indirect cost rates, (ii) the bases to which the rates apply, (iii) the periods for which the rates apply, (iv) any specific indirect cost items treated as direct costs in the settlement, and (v) the affected contract and/or subcontract, identifying any with advance agreements or special terms and the applicable rates. The understanding shall not change any monetary ceiling, contract obligation, or specific cost allowance or disallowance provided for in this contract. The understanding is incorporated into this contract upon execution.

(4) Failure by the parties to agree on a final annual indirect cost rate shall be a dispute within the meaning of the Disputes clause.

(5) Within 120 days (or longer period if approved in writing by the Contracting Officer) after settlement of the final annual indirect cost rates for all years of a physically complete contract, the Contractor shall submit a completion invoice or voucher to reflect the settled amounts and rates. The completion invoice or voucher shall include settled subcontract amounts and rates. The prime contractor is responsible for settling subcontractor amounts and rates included in the completion invoice or voucher and providing status of subcontractor audits to the contracting officer upon request.

(6)(i) If the Contractor fails to submit a completion invoice or voucher within the time specified in paragraph (d)(5) of this clause, the Contracting Officer may--

(A) Determine the amounts due to the Contractor under the contract; and

(B) Record this determination in a unilateral modification to the contract.

(ii) This determination constitutes the final decision of the Contracting Officer in accordance with the Disputes clause.

(e) Billing rates. Until final annual indirect cost rates are established for any period, the Government shall reimburse the Contractor at billing rates established by the Contracting Officer or by an authorized representative (the cognizant auditor), subject to adjustment when the final rates are established. These billing rates--

(1) Shall be the anticipated final rates; and

(2) May be prospectively or retroactively revised by mutual agreement, at either party's request, to prevent substantial overpayment or underpayment.

(f) Quick-closeout procedures. Quick-closeout procedures are applicable when the conditions in FAR 42.708(a) are satisfied.

(g) Audit. At any time or times before final payment, the Contracting Officer may have the Contractor's invoices or vouchers and statements of cost audited. Any payment may be (1) Reduced by amounts found by the Contracting Officer not to constitute allowable costs or (2) Adjusted for prior overpayments or underpayments.

(h) Final payment. (1) Upon approval of a completion invoice or voucher submitted by the Contractor in accordance with paragraph (d)(5) of this clause, and upon the Contractor's compliance with all terms of this contract, the Government shall promptly pay any balance of allowable costs and that part of the fee (if any) not previously paid.

(2) The Contractor shall pay to the Government any refunds, rebates, credits, or other amounts (including interest, if any) accruing to or received by the Contractor or any assignee under this contract, to the extent that those amounts

are properly allocable to costs for which the Contractor has been reimbursed by the Government. Reasonable expenses incurred by the Contractor for securing refunds, rebates, credits, or other amounts shall be allowable costs if approved by the Contracting Officer. Before final payment under this contract, the Contractor and each assignee whose assignment is in effect at the time of final payment shall execute and deliver--

(i) An assignment to the Government, in form and substance satisfactory to the Contracting Officer, of refunds, rebates, credits, or other amounts (including interest, if any) properly allocable to costs for which the Contractor has been reimbursed by the Government under this contract; and

(ii) A release discharging the Government, its officers, agents, and employees from all liabilities, obligations, and claims arising out of or under this contract, except--

(A) Specified claims stated in exact amounts, or in estimated amounts when the exact amounts are not known;

(B) Claims (including reasonable incidental expenses) based upon liabilities of the Contractor to third parties arising out of the performance of this contract; provided, that the claims are not known to the Contractor on the date of the execution of the release, and that the Contractor gives notice of the claims in writing to the Contracting Officer within 6 years following the release date or notice of final payment date, whichever is earlier; and

(C) Claims for reimbursement of costs, including reasonable incidental expenses, incurred by the Contractor under the patent clauses of this contract, excluding, however, any expenses arising from the Contractor's indemnification of the Government against patent liability.

(End of clause)

#### 52.216-7 ALLOWABLE COST AND PAYMENT (JUN 2013) -- ALTERNATE IV (AUG 2012)

(a) Invoicing.

(1) The Government will make payments to the Contractor when requested as work progresses, but not more often than once every two weeks, in amounts determined to be allowable by the Contracting Officer in accordance with FAR subpart 31.7 in effect on the date of this contract and the terms of this contract. The Contractor may submit to an authorized representative of the Contracting Officer, in such form and reasonable detail as the representative may require, an invoice or voucher supported by a statement of the claimed allowable cost for performing this contract.

(2) Contract financing payments are not subject to the interest penalty provisions of the Prompt Payment Act. Interim payments made prior to the final payment under the contract are contract financing payments, except interim payments if this contract contains Alternate I to the clause at 52.232-25.

(3) The designated payment office will make interim payments for contract financing on the 30th day after the designated billing office receives a proper payment request.

In the event that the Government requires an audit or other review of a specific payment request to ensure compliance with the terms and conditions of the contract, the designated payment office is not compelled to make payment by the specified due date.

(b) Reimbursing costs. (1) For the purpose of reimbursing allowable costs (except as provided in subparagraph (b)(2) of the clause, with respect to pension, deferred profit sharing, and employee stock ownership plan contributions), the term "costs" includes only--

(i) Those recorded costs that, at the time of the request for reimbursement, the Contractor has paid by cash, check, or other form of actual payment for items or services purchased directly for the contract;

(ii) When the Contractor is not delinquent in paying costs of contract performance in the ordinary course of business, costs incurred, but not necessarily paid, for--

(A) Supplies and services purchased directly for the contract and associated financing payments to subcontractors, provided payments determined due will be made--

(1) In accordance with the terms and conditions of a subcontract or invoice; and

(2) Ordinarily within 30 days of the submission of the Contractor's payment request to the Government;

(B) Materials issued from the Contractor's inventory and placed in the production process for use on the contract;

(C) Direct labor;

(D) Direct travel;

(E) Other direct in-house costs; and

(F) Properly allocable and allowable indirect costs, as shown in the records maintained by the Contractor for purposes of obtaining reimbursement under Government contracts; and

(iii) The amount of financing payments that have been paid by cash, check, or other forms of payment to subcontractors.

(2) Accrued costs of Contractor contributions under employee pension plans shall be excluded until actually paid unless--

(i) The Contractor's practice is to make contributions to the retirement fund quarterly or more frequently; and

(ii) The contribution does not remain unpaid 30 days after the end of the applicable quarter or shorter payment period (any contribution remaining unpaid shall be excluded from the Contractor's indirect costs for payment purposes).

(3) Notwithstanding the audit and adjustment of invoices or vouchers under paragraph (g) of this clause, allowable indirect costs under this contract shall be obtained by applying indirect cost rates established in accordance with paragraph (d) of this clause.

(4) Any statements in specifications or other documents incorporated in this contract by reference designating performance of services or furnishing of materials at the Contractor's expense or at no cost to the Government shall be disregarded for purposes of cost-reimbursement under this clause.

(c) Small business concerns. A small business concern may receive more frequent payments than every 2 weeks.

(d) Final indirect cost rates. (1) Final annual indirect cost rates and the appropriate bases shall be established in accordance with Subpart 42.7 of the Federal Acquisition Regulation (FAR) in effect for the period covered by the indirect cost rate proposal.

(2)(i) The Contractor shall submit an adequate final indirect cost rate proposal to the Contracting Officer (or cognizant Federal agency official) and auditor within the 6-month period following the expiration of each of its fiscal years. Reasonable extensions, for exceptional circumstances only, may be requested in writing by the Contractor and granted in writing by the Contracting Officer. The Contractor shall support its proposal with adequate supporting data.

(ii) The proposed rates shall be based on the Contractor's actual cost experience for that period. The appropriate Government representative and the Contractor shall establish the final indirect cost rates as promptly as practical after receipt of the Contractor's proposal.

(iii) An adequate indirect cost rate proposal shall include the following data unless otherwise specified by the cognizant Federal agency official:

(A) Summary of all claimed indirect expense rates, including pool, base, and calculated indirect rate.

(B) General and Administrative expenses (final indirect cost pool). Schedule of claimed expenses by element of cost as identified in accounting records (Chart of Accounts).

(C) Overhead expenses (final indirect cost pool). Schedule of claimed expenses by element of cost as identified in accounting records (Chart of Accounts) for each final indirect cost pool.

(D) Occupancy expenses (intermediate indirect cost pool). Schedule of claimed expenses by element of cost as identified in accounting records (Chart of Accounts) and expense reallocation to final indirect cost pools.

(E) Claimed allocation bases, by element of cost, used to distribute indirect costs.

(F) Facilities capital cost of money factors computation.

(G) Reconciliation of books of account (i.e., General Ledger) and claimed direct costs by major cost element.

(H) Schedule of direct costs by contract and subcontract and indirect expense applied at claimed rates, as well as a subsidiary schedule of Government participation percentages in each of the allocation base amounts.

(I) Schedule of cumulative direct and indirect costs claimed and billed by contract and subcontract.

(J) Subcontract information. Listing of subcontracts awarded to companies for which the contractor is the prime or upper-tier contractor (include prime and subcontract numbers; subcontract value and award type; amount claimed during the fiscal year; and the subcontractor name, address, and point of contact information).

(K) Summary of each time-and-materials and labor-hour contract information, including labor categories, labor rates, hours, and amounts; direct materials; other direct costs; and, indirect expense applied at claimed rates.

(L) Reconciliation of total payroll per IRS form 941 to total labor costs distribution.

(M) Listing of decisions/agreements/approvals and description of accounting/organizational changes.

(N) Certificate of final indirect costs (see 52.242-4, Certification of Final Indirect Costs).

(O) Contract closing information for contracts physically completed in this fiscal year (include contract number, period of performance, contract ceiling amounts, contract fee computations, level of effort, and indicate if the contract is ready to close).

(iv) The following supplemental information is not required to determine if a proposal is adequate, but may be required during the audit process:

(A) Comparative analysis of indirect expense pools detailed by account to prior fiscal year and budgetary data.

(B) General organizational information and limitation on allowability of compensation for certain contractor personnel. See 31.205-6(p). Additional salary reference information is available at [http://www.whitehouse.gov/omb/procurement\\_index\\_exec\\_comp/](http://www.whitehouse.gov/omb/procurement_index_exec_comp/).

- (C) Identification of prime contracts under which the contractor performs as a subcontractor.
- (D) Description of accounting system (excludes contractors required to submit a CAS Disclosure Statement or contractors where the description of the accounting system has not changed from the previous year's submission).
- (E) Procedures for identifying and excluding unallowable costs from the costs claimed and billed (excludes contractors where the procedures have not changed from the previous year's submission).
- (F) Certified financial statements and other financial data (e.g., trial balance, compilation, review, etc.).
- (G) Management letter from outside CPAs concerning any internal control weaknesses.
- (H) Actions that have been and/or will be implemented to correct the weaknesses described in the management letter from subparagraph G) of this section.
- (I) List of all internal audit reports issued since the last disclosure of internal audit reports to the Government.
- (J) Annual internal audit plan of scheduled audits to be performed in the fiscal year when the final indirect cost rate submission is made.
- (K) Federal and State income tax returns.
- (L) Securities and Exchange Commission 10-K annual report.
- (M) Minutes from board of directors meetings.
- (N) Listing of delay claims and termination claims submitted which contain costs relating to the subject fiscal year.
- (O) Contract briefings, which generally include a synopsis of all pertinent contract provisions, such as: Contract type, contract amount, product or service(s) to be provided, contract performance period, rate ceilings, advance approval requirements, pre-contract cost allowability limitations, and billing limitations.
- (v) The Contractor shall update the billings on all contracts to reflect the final settled rates and update the schedule of cumulative direct and indirect costs claimed and billed, as required in paragraph (d)(2)(iii)(I) of this section, within 60 days after settlement of final indirect cost rates.
- (3) The Contractor and the appropriate Government representative shall execute a written understanding setting forth the final indirect cost rates. The understanding shall specify (i) the agreed-upon final annual indirect cost rates, (ii) the bases to which the rates apply, (iii) the periods for which the rates apply, (iv) any specific indirect cost items treated as direct costs in the settlement, and (v) the affected contract and/or subcontract, identifying any with advance agreements or special terms and the applicable rates. The understanding shall not change any monetary ceiling, contract obligation, or specific cost allowance or disallowance provided for in this contract. The understanding is incorporated into this contract upon execution.
- (4) Failure by the parties to agree on a final annual indirect cost rate shall be a dispute within the meaning of the Disputes clause.
- (5) Within 120 days (or longer period if approved in writing by the Contracting Officer) after settlement of the final annual indirect cost rates for all years of a physically complete contract, the Contractor shall submit a completion invoice or voucher to reflect the settled amounts and rates. The completion invoice or voucher shall include settled subcontract amounts and rates. The prime contractor is responsible for settling subcontractor amounts and rates

included in the completion invoice or voucher and providing status of subcontractor audits to the contracting officer upon request.

(6)(i) If the Contractor fails to submit a completion invoice or voucher within the time specified in paragraph (d)(5) of this clause, the Contracting Officer may--

(A) Determine the amounts due to the Contractor under the contract; and

(B) Record this determination in a unilateral modification to the contract.

(ii) This determination constitutes the final decision of the Contracting Officer in accordance with the Disputes clause.

(c) Billing rates. Until final annual indirect cost rates are established for any period, the Government shall reimburse the Contractor at billing rates established by the Contracting Officer or by an authorized representative (the cognizant auditor), subject to adjustment when the final rates are established. These billing rates--

(1) Shall be the anticipated final rates; and

(2) May be prospectively or retroactively revised by mutual agreement, at either party's request, to prevent substantial overpayment or underpayment.

(f) Quick-closeout procedures. Quick-closeout procedures are applicable when the conditions in FAR 42.708(a) are satisfied.

(g) Audit. At any time or times before final payment, the Contracting Officer may have the Contractor's invoices or vouchers and statements of cost audited. Any payment may be (1) Reduced by amounts found by the Contracting Officer not to constitute allowable costs or (2) Adjusted for prior overpayments or underpayments.

(h) Final payment. (1) Upon approval of a completion invoice or voucher submitted by the Contractor in accordance with paragraph (d)(5) of this clause, and upon the Contractor's compliance with all terms of this contract, the Government shall promptly pay any balance of allowable costs and that part of the fee (if any) not previously paid.

(2) The Contractor shall pay to the Government any refunds, rebates, credits, or other amounts (including interest, if any) accruing to or received by the Contractor or any assignee under this contract, to the extent that those amounts are properly allocable to costs for which the Contractor has been reimbursed by the Government. Reasonable expenses incurred by the Contractor for securing refunds, rebates, credits, or other amounts shall be allowable costs if approved by the Contracting Officer. Before final payment under this contract, the Contractor and each assignee whose assignment is in effect at the time of final payment shall execute and deliver--

(i) An assignment to the Government, in form and substance satisfactory to the Contracting Officer, of refunds, rebates, credits, or other amounts (including interest, if any) properly allocable to costs for which the Contractor has been reimbursed by the Government under this contract; and

(ii) A release discharging the Government, its officers, agents, and employees from all liabilities, obligations, and claims arising out of or under this contract, except--

(A) Specified claims stated in exact amounts, or in estimated amounts when the exact amounts are not known;

(B) Claims (including reasonable incidental expenses) based upon liabilities of the Contractor to third parties arising out of the performance of this contract; provided, that the claims are not known to the Contractor on the date of the execution of the release, and that the Contractor gives notice of the claims in writing to the Contracting Officer within 6 years following the release date or notice of final payment date, whichever is earlier; and

(C) Claims for reimbursement of costs, including reasonable incidental expenses, incurred by the Contractor under the patent clauses of this contract, excluding, however, any expenses arising from the Contractor's indemnification of the Government against patent liability.

(End of clause)

#### 52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor prior to the end of the Base Period; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 30 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 24 months.

(End of clause)

#### 52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION (JULY 2013)

(a) Definitions. As used in this clause--

Long-term contract means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.

Small business concern means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (c) of this clause. Such a concern is "not dominant in its field of operation" when it does not exercise a controlling or major influence on a national basis in a kind of business activity in which a number of business concerns are primarily engaged. In determining whether dominance exists, consideration shall be given to all appropriate factors, including volume of business, number of employees, financial resources, competitive status or position, ownership or control of materials, processes, patents, license agreements, facilities, sales territory, and nature of business activity.

(b) If the Contractor represented that it was a small business concern prior to award of this contract, the Contractor shall rerepresent its size status according to paragraph (e) of this clause or, if applicable, paragraph (g) of this clause, upon the occurrence of any of the following:

(1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.

(2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract.

(3) For long-term contracts--

- (i) Within 60 to 120 days prior to the end of the fifth year of the contract; and
  - (ii) Within 60 to 120 days prior to the date specified in the contract for exercising any option thereafter.
- (c) The Contractor shall rerepresent its size status in accordance with the size standard in effect at the time of this rerepresentation that corresponds to the North American Industry Classification System (NAICS) code assigned to this contract. The small business size standard corresponding to this NAICS code can be found at <http://www.sba.gov/content/table-small-business-size-standards>.
- (d) The small business size standard for a Contractor providing a product which it does not manufacture itself, for a contract other than a construction or service contract, is 500 employees.
- (e) Except as provided in paragraph (g) of this clause, the Contractor shall make the representation required by paragraph (b) of this clause by validating or updating all its representations in the Representations and Certifications section of the System for Award Management (SAM) and its other data in SAM, as necessary, to ensure that they reflect the Contractor's current status. The Contractor shall notify the contracting office in writing within the timeframes specified in paragraph (b) of this clause that the data have been validated or updated, and provide the date of the validation or update.
- (f) If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (e) or (g) of this clause.
- (g) If the Contractor does not have representations and certifications in SAM, or does not have a representation in SAM for the NAICS code applicable to this contract, the Contractor is required to complete the following rerepresentation and submit it to the contracting office, along with the contract number and the date on which the rerepresentation was completed:

The Contractor represents that it ( ) is, ( X ) is not a small business concern under NAICS Code 541711- assigned to contract number HDTRA1-15-C-0041.

(Contractor to sign and date and insert authorized signer's name and title).

(End of clause)

#### 52.222-2 PAYMENT FOR OVERTIME PREMIUMS (JUL 1990)

- (a) The use of overtime is authorized under this contract if the overtime premium cost does not exceed \$0.00 or the overtime premium is paid for work --
  - (1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;
  - (2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;
  - (3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or
  - (4) That will result in lower overall costs to the Government.

(b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall--

(1) Identify the work unit; e.g., department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;

(2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;

(3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and

(4) Provide reasons why the required work cannot be performed by using multishift operations or by employing additional personnel.

\* Insert either "zero" or the dollar amount agreed to during negotiations. The inserted figure does not apply to the exceptions in paragraph (a)(1) through (a)(4) of the clause.

(End of clause)

#### 52.244-2 SUBCONTRACTS (OCT 2010)

(a) Definitions. As used in this clause--

Approved purchasing system means a Contractor's purchasing system that has been reviewed and approved in accordance with Part 44 of the Federal Acquisition Regulation (FAR).

Consent to subcontract means the Contracting Officer's written consent for the Contractor to enter into a particular subcontract.

Subcontract means any contract, as defined in FAR Subpart 2.1, entered into by a subcontractor to furnish supplies or services for performance of the prime contract or a subcontract. It includes, but is not limited to, purchase orders, and changes and modifications to purchase orders.

(b) When this clause is included in a fixed-price type contract, consent to subcontract is required only on unpriced contract actions (including unpriced modifications or unpriced delivery orders), and only if required in accordance with paragraph (c) or (d) of this clause.

(c) If the Contractor does not have an approved purchasing system, consent to subcontract is required for any subcontract that—

(1) Is of the cost-reimbursement, time-and-materials, or labor-hour type; or

(2) Is fixed-price and exceeds—

(i) For a contract awarded by the Department of Defense, the Coast Guard, or the National Aeronautics and Space Administration, the greater of the simplified acquisition threshold or 5 percent of the total estimated cost of the contract; or

(ii) For a contract awarded by a civilian agency other than the Coast Guard and the National Aeronautics and Space Administration, either the simplified acquisition threshold or 5 percent of the total estimated cost of the contract.

(d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer's written consent before placing the following subcontracts:

(e)(1) The Contractor shall notify the Contracting Officer reasonably in advance of placing any subcontract or modification thereof for which consent is required under paragraph (b), (c), or (d) of this clause, including the following information:

(i) A description of the supplies or services to be subcontracted.

(ii) Identification of the type of subcontract to be used.

(iii) Identification of the proposed subcontractor.

(iv) The proposed subcontract price.

(v) The subcontractor's current, complete, and accurate certified cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions.

(vi) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract.

(vii) A negotiation memorandum reflecting—

(A) The principal elements of the subcontract price negotiations;

(B) The most significant considerations controlling establishment of initial or revised prices;

(C) The reason certified cost or pricing data were or were not required;

(D) The extent, if any, to which the Contractor did not rely on the subcontractor's certified cost or pricing data in determining the price objective and in negotiating the final price;

(E) The extent to which it was recognized in the negotiation that the subcontractor's certified cost or pricing data were not accurate, complete, or current; the action taken by the Contractor and the subcontractor; and the effect of any such defective data on the total price negotiated;

(F) The reasons for any significant difference between the Contractor's price objective and the price negotiated; and

(G) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(2) The Contractor is not required to notify the Contracting Officer in advance of entering into any subcontract for which consent is not required under paragraph (c), (d), or (e) of this clause.

(f) Unless the consent or approval specifically provides otherwise, neither consent by the Contracting Officer to any subcontract nor approval of the Contractor's purchasing system shall constitute a determination—

(1) Of the acceptability of any subcontract terms or conditions;

(2) Of the allowability of any cost under this contract; or

(3) To relieve the Contractor of any responsibility for performing this contract.

(g) No subcontract or modification thereof placed under this contract shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement type subcontracts shall not exceed the fee limitations in FAR 15.404-4(c)(4)(i).

(h) The Contractor shall give the Contracting Officer immediate written notice of any action or suit filed and prompt notice of any claim made against the Contractor by any subcontractor or vendor that, in the opinion of the Contractor, may result in litigation related in any way to this contract, with respect to which the Contractor may be entitled to reimbursement from the Government.

(i) The Government reserves the right to review the Contractor's purchasing system as set forth in FAR Subpart 44.3.

(j) Paragraphs (c) and (e) of this clause do not apply to the following subcontracts, which were evaluated during negotiations:

Kitware, Inc.  
International Society for Infectious Diseases

(End of clause)

#### 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

<http://farsite.hill.af.mil>

(End of clause)

#### 52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES (APR 1984)

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any Defense Acquisition Regulations System, Department Of Defense (48 CFR Chapter 2) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

(End of clause)

#### 252.204-9004 IMPLEMENTATION OF DISCLOSURE OF INFORMATION (AUG 2014)

In accordance with DFARS 252.204-7000 Disclosure of Information, any information to be released shall be submitted at least 10 days before the proposed release date, for security and policy review. Submit one copy to each below:

(a) Office of Public Affairs, DTRA/J0XGP, 8725 John J. Kingman Dr, MS 6201, Ft Belvoir VA 22060-6201.

(b) Contracting Officer, (b)(6) DTRA/J4CRC, 8725 John J. Kingman Dr, MS 6201, Ft Belvoir VA 22060-6201.

(c) Program Manager, (b)(6) DTRA/J9CB, 8725 John J. Kingman Dr, MS 6201, Ft Belvoir VA 22060-6201.

(End of Clause)

252.235-7010 Acknowledgment of Support and Disclaimer. (MAY 1995)

(a) The Contractor shall include an acknowledgment of the Government's support in the publication of any material based on or developed under this contract, stated in the following terms: This material is based upon work supported by the Defense Threat Reduction Agency under Contract No. HDTRA1-15-C-0041.

(b) All material, except scientific articles or papers published in scientific journals, must, in addition to any notices or disclaimers by the Contractor, also contain the following disclaimer: Any opinions, findings and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the Defense Threat Reduction Agency.

(End of clause)

252.245-9000 Government Property (MAY 2013)

(a) In accordance with FAR 52.245-1(b), Property Management, and FAR 52.245-1(f), Contractor Plans and Systems, the Contractor shall have a system to manage (control, use, preserve, protect, repair and maintain) Government property in its possession.

(b) The Contractor shall complete and return the applicable attachment(s) electronically:  
i. Requisitioned Government-Furnished Property (RGFP) to include the following:

<u>If Non-Reimbursable:</u>	<u>If Reimbursable:</u>
Item#	Item#
Description	Description
CAGE Code	S Limit Authorized
Marking Instrument	Marking Instrument
NSN	NSN
Nomen	Nomen
Part or Indent#	Part or Indent
Quantity	Quantity
Type Designator	Unit of Measure
Unit Acquisition Cost	Use As Is

Unit of Measure  
Use As Is

ii. Scheduled Government-Furnished Property (SGFP) to include the following:

<u>If Serialized Items List:</u>	<u>If Non –Serialized Items List:</u>
Item#	Item#
Description	Description
CAGE	CAGE
Marking Instrument	Marking Instrument
Model#	Model#
NSN	NSN
Nomen	Nomen
Part#	Part#
Part or Indent#	Part or Indent
Quantity	Quantity
Serial#	Type Designator
Type Designator	Unit Acquisition Cost
Unit Acquisition Cost	Unit of Measure
Unit of Measure	Use As Is
Use As Is	

The electronic property links are as follows:

Requisitioned Government-Furnished Property (RGFP):

<http://www.acq.osd.mil/dpap/pdi/pc/docs/RequisitionedGovernmentFurnishedPropertyFORM.pdf>

Scheduled Government-Furnished Property (SGFP):

<http://www.acq.osd.mil/dpap/pdi/pc/docs/ScheduledGovernmentFurnishedPropertyFORM.pdf>

(c) The Government Site Visits/Physical Inventory – The DTRA will annually verify the Property in the Possession of the Contractor. The Contractor’s Point of Contact shall coordinate with the Program Manager/Contracting Officer Representative or DTRA Accountable Property Officer (APO) on prearranged site visits upon request.

(d) The physical inventory report shall be validated/confirmed via signature by both the Contractor’s Property Administrator and the DTRA’s Government Representative (i.e. COR, APO, etc.). Inventory discrepancies must be reported immediately to the Contracting Officer, COR/Program Manager and resolved by the DTRA APO.

(e) Inventory Disposal Schedule – When applicable, the Contractor shall submit the inventory disposal schedule to the DTRA Logistics Office (DTRA J4L) for approval 45 days prior to submission of an inventory disposal schedule to the Plant Clearance Officer.

*(End of Clause)*

252.203-7999

**Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements.  
(DEVIATION 2015-O0010)(FEB 2015)**

(a) The Contractor shall not require employees or subcontractors seeking to report fraud, waste, or abuse to sign or comply with internal confidentiality agreements or statements prohibiting or otherwise restricting such employees or contractors from lawfully reporting such waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information.

(b) The Contractor shall notify employees that the prohibitions and restrictions of any internal confidentiality agreements covered by this clause are no longer in effect.

(c) The prohibition in paragraph (a) of this clause does not contravene requirements applicable to Standard Form 312, Form 4414, or any other form issued by a Federal department or agency governing the nondisclosure of classified information.

(d)(1) In accordance with section 743 of Division E, Title VIII, of the Consolidated and Further Continuing Resolution Appropriations Act, 2015, (Pub. L. 113-235), use of funds appropriated (or otherwise made available) under that or any other Act may be prohibited, if the Government determines that the Contractor is not in compliance with the provisions of this clause.

(2) The Government may seek any available remedies in the event the Contractor fails to perform in accordance with the terms and conditions of the contract as a result of Government action under this clause.

(End of clause)

## Section J - List of Documents, Exhibits and Other Attachments

## Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Exhibit A	CDRLs	6	08-APR-2015
Attachment 1	Statement of Work	3	13-MAR-2015
Attachment 2	Subcontracting Plan	6	27-MAR-2015
Attachment 3	Data Rights Assertion List I		12-SEP-2014

# CONTRACT DATA REQUIREMENTS LIST

*Form Approved  
OMB No. 0704-0188*

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A. CONTRACT LINE ITEM NO. 0002 (Base) & 1002 (Option I)		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER <u>Management</u>				
D. SYSTEM/ITEM Global Rapid Identification Tool Set (GRITS)			E. CONTRACT/PR NO. HDTRA1-15-C-0041		F. CONTRACTOR EcoHealth Alliance			
1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Project Spend Plan			3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81468			5. CONTRACT REFERENCE N/A		6. REQUIRING OFFICE DTRA-J9CBA			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED N/A	10. FREQUENCY See Block 16	12. DATE OF FIRST SUBMISSION See Block 16		14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE See Block 16	13. DATE OF SUBSEQUENT SUBMISSION See Block 16		a. ADDRESSEE	b. COPIES		
						Draft	Final	
						Reg	Repro	
16. REMARKS  1. Submission shall be furnished electronically via e-mail in contractor format 2. First submission within 30 days of contract award. Updates to be made annually.					DTRA-J9CBA	0	1	0
					DTRA-J4CRC	0	1	0
					15. TOTAL	0	2	0
G. PREPARED BY (b)(6)		H. DATE 4/8/2015		I. APPROVED BY (b)(6)		J. DATE 4/8/2015		
(b)(6) S&T Manager				(b)(6) S&T Manager				

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

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D. SYSTEM/ITEM Global Rapid Identification Tool Set (GRITS)			E. CONTRACT/PR NO. HDTRA1-15-C-0041		F. CONTRACTOR EcoHealth Alliance			
1. DATA ITEM NO. A002	2. TITLE OF DATA ITEM Meeting/Teleconference Minutes		3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81505			5. CONTRACT REFERENCE N/A		6. REQUIRING OFFICE DTRA-J9CBA			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY See Block 16	12. DATE OF FIRST SUBMISSION See Block 16		14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A		a. ADDRESSEE			
16. REMARKS  BLOCK 10: Frequency depends on number of meetings and teleconferences  BLOCK 12: The contractor shall provide meeting minutes within 7 days after all meetings/teleconferences.  The minutes shall be provided via email in Microsoft Office compatible format.					b. COPIES			
					Draft		Final	
					Reg	Repro		
					DTRA-J9CBA	0	1	0
					DTRA-J4CRC	0	1	0
					15. TOTAL	0	2	0
G. PREPARED BY (b)(6)		H. DATE 4/8/2015		I. APPROVED BY (b)(6)		J. DATE 4/8/2015		
(b)(6) S&T Manager				(b)(6) S&T Manager				

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D. SYSTEM/ITEM Global Rapid Identification Tool Set (GRITS)			E. CONTRACT/PR NO. HDTRA1-15-C-0041		F. CONTRACTOR EcoHealth Alliance			
1. DATA ITEM NO. A003	2. TITLE OF DATA ITEM Monthly Progress & Cost Status Report		3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-80555A			5. CONTRACT REFERENCE N/A		6. REQUIRING OFFICE DTRA-J9CBA			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY Monthly	12. DATE OF FIRST SUBMISSION 5 calendar days after month's end		14. DISTRIBUTION a. ADDRESSEE Draft Final Reg    Repro			
8. APP CODE A		11. AS OF DATE Contract Award	13. DATE OF SUBSEQUENT SUBMISSION 5 calendar days after end of each month					
16. REMARKS  The Monthly Progress & Cost Status Report shall highlight the technical progress made during the previous month, as well as provide quantitative estimates of cost, performance, and schedule, by month.  BLOCK 4: Paragraphs, subparagraphs, and line items described in DI-MGMT-80555A may be omitted or edited for appropriateness with prior approval from the Contracting Office. Please provide final recommended content and format to the contracting office with the response to the fact finding letter.  Monthly Progress Reports shall be provided via email in Microsoft Office compatible format to the Contracting Officer's Representative (COR).					DTRA-J9CBA	0	1	0
					DTRA-J4CRC	0	1	0
					15. TOTAL	0	2	0
G. PREPARED BY (b)(6)	H. DATE 4/8/2015		I. APPROVED BY (b)(6)		J. DATE 4/8/2015			
(b)(6)	S&T Manager		(b)(6)		S&T Manager			

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A. CONTRACT LINE ITEM NO. 0002 (Base) & 1002 (Option 1)				B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER <u>Management</u>									
D. SYSTEM/ITEM Global Rapid Identification Tool Set (GRITS)			E. CONTRACT/PR NO. HDTRA1-15-C-0041			F. CONTRACTOR EcoHealth Alliance									
1. DATA ITEM NO. A004		2. TITLE OF DATA ITEM Patents - Reporting of Subject Inventions			3. SUBTITLE N/A										
4. AUTHORITY (Data Acquisition Document No.)				5. CONTRACT REFERENCE N/A			6. REQUIRING OFFICE DTRA-J9CBA								
7. DD 250 REQ	9. DIST STATEMENT REQUIRED		10. FREQUENCY See Block 16	12. DATE OF FIRST SUBMISSION See Block 16			14. DISTRIBUTION								
8. APP CODE			11. AS OF DATE See Block 16	13. DATE OF SUBSEQUENT SUBMISSION See Block 16		a. ADDRESSEE		b. COPIES							
							Draft	Final							
								Reg	Repro						
16. REMARKS <b>16. REMARKS</b>  Invention Disclosures/Patents – Subject Inventions Disclosures and Reports in accordance with either DFARS 252.227-7039 (Patents – Reporting of Subject Inventions)/FAR 52.227-11 (Patent Rights – Ownership by the Contractor) or DFARS 252.227-7038 (Patent Rights – Ownership by the Contractor) (Large Business) : (1) Provide copies of invention disclosures for subject inventions within 2 months of an employee inventor reporting a subject invention to the Contractor (or, for large businesses, within 6 months after the Contractor first becomes aware that a subject invention has been made, whichever is earlier); (2) submit DD Form 882 every 12 months from the date of the contract award, even if no inventions are made during that period; (3) submit DD Form 882 in a final report, even if no inventions are made during the contract term; (4) submit a written statement of Contractor’s election whether or not to retain ownership in a subject invention within 2 years of providing the invention disclosure, or, if any publication, on sale or public use of the subject invention has initiated the 1-year statutory period during which valid patent protection can be obtained in the United States, not later than 60 days prior to the end of the statutory period; (5) provide a copy of either a filed provisional or a filed nonprovisional patent application on an elected subject invention within 1 year after the election of title of the subject invention, or within the 1-year statutory period if it has been initiated, with an acknowledgement of government rights in the specification as identified at 37 C.F.R. § 401.14(f)(4); (6) provide a copy of a filed nonprovisional patent application on an elected subject invention within 10 months after filing the provisional patent application on the elected subject invention; and (7) provide for every subject invention upon which a patent application has been filed or a patent issued, a nonexclusive, nontransferable, irrevocable, paid-up license to the Government to practice, or have practiced for or on its behalf, the subject invention throughout the world, and an irrevocable power to inspect and make copies of the patent application file.						DTRA-J9CBA	0	1	0						
												DTRA-J4CRC	0	1	0
												15. TOTAL	0	2	0
G. PREPARED BY (b)(6)			H. DATE 4/8/2015			I. APPROVED BY (b)(6)			J. DATE 4/8/2015						
(b)(6) S&T Manager						(b)(6) S&T Manager									

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A. CONTRACT LINE ITEM NO. 0002 (Base) & 1002 (Option 1)		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER <u>Software</u>			
D. SYSTEM/ITEM Global Rapid Identification Tool Set (GRITS)		E. CONTRACT/PR NO. HDTRA1-15-C-0041		F. CONTRACTOR EcoHealth Alliance			
1. DATA ITEM NO. A005	2. TITLE OF DATA ITEM Computer Software Product		3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80711A		5. CONTRACT REFERENCE Statement of Work		6. REQUIRING OFFICE DTRA-J9CBA			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY See Block 16	12. DATE OF FIRST SUBMISSION See Block 16	14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE See Block 16	13. DATE OF SUBSEQUENT SUBMISSION See Block 16	b. COPIES			
16. REMARKS  The contractor will deliver software that can interface with the Biosurveillance Ecosystem (BSVE) and should include both source and executable codes. The software deliverables will be the following:  Within 12 months of contract award: <ul style="list-style-type: none"> <li>• Connect GRITS Girder database to the BSVE</li> <li>• Prototype GRITS event recommendations and filtering</li> <li>• Connect GRITS diagnostic and text-mining APIs to the BSVE</li> <li>• Build BSVE interface to GRITS with the SDK</li> <li>• Build mechanisms to crowdsource annotations</li> <li>• Incorporate disease network graphs to assist diagnostics</li> <li>• Support diagnostic algorithm development with dashboard</li> <li>• Populated EDIR database</li> <li>• Crowdsourced labels and annotations</li> </ul> Within 24 months of contract award: <ul style="list-style-type: none"> <li>• Expand diagnostic capability to arbitrary data feeds</li> <li>• Connect GRITS to EIDR/Mantle</li> <li>• Update diagnostic model in near-realtime</li> <li>• Use text mining to extend network graphs/ontologies</li> <li>• Connect EIDR collective intelligence editor to the BSVE</li> <li>• Connect GRITS diagnostic data filtering to the BSVE</li> <li>• Generate disease summary reports from diagnostics</li> <li>• Forecast disease emergence</li> <li>• Expanded EDIR database</li> </ul>				a. ADDRESSEE	Draft	Final	
				DTRA-J9CBA	0	1	0
				DTRA/J4LP	0	1	0
				DTRA/J8CKF DTRA-J4CRC	0 0	1 1	0 0
				15. TOTAL	0	4	0
G. PREPARED BY (b)(6)  (b)(6) S&T Manager		H. DATE 4/8/2015		I. APPROVED BY (b)(6)  (b)(6) S&T Manager			
				J. DATE 4/8/2015			

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A. CONTRACT LINE ITEM NO. 0002 (Base) & 1002 (Option 1)		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER <u>Reports</u>			
D. SYSTEM/ITEM Global Rapid Identification Tool Set (GRITS)			E. CONTRACT/PR NO. HDTRA1-15-C-0041		F. CONTRACTOR EcoHealth Alliance		
1. DATA ITEM NO. A006	2. TITLE OF DATA ITEM Scientific and Technical Reports		3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80711A		5. CONTRACT REFERENCE Statement of Work		6. REQUIRING OFFICE DTRA-J9CBA			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY See Block 16	12. DATE OF FIRST SUBMISSION See Block 16		14. DISTRIBUTION		
8. APP CODE A		11. AS OF DATE See Block 16	13. DATE OF SUBSEQUENT SUBMISSION See Block 16		a. ADDRESSEE		
					b. COPIES		
<p>Blk 4-5: Per DID referenced elements, contractor format is acceptable. Report shall detail all work performed under this effort, including the results of analysis, and appropriate conclusions and/or recommendations. Dataset compatible with Microsoft Excel or contractor recommended database application.</p> <p>A final technical report is required by the end of the base period. Updates to this report will be required at the end of the Option Year, if exercised. The report should include the following elements:</p> <ol style="list-style-type: none"> <li>1) A description of the research and development processes used to arrive at the results of the study</li> <li>2) A detailed compilation of the results generated</li> <li>3) A description of the performance characteristics of the developed software and an analysis of its likely utility for additional development and deployment</li> <li>4) Recommendations for the next stages of development</li> <li>5) Description of what data are required to feed the delivered algorithms and an approach for the Government to maintain access to those data feeds.</li> </ol> <p>Additionally, the contractor will deliver:</p> <ul style="list-style-type: none"> <li>• Feedback on diagnostic dashboard (Updates provided each 12 months)</li> <li>• Documentation on near-realtime architecture (24 months after contract award)</li> <li>• Documentation for GRITS APIs (Updates provided each 12 months)</li> </ul> <p>Blk 14: Submission by electronic media is preferred; E-mail, or CD ROM in a current version of Microsoft or Adobe products readable by the COR.</p>					Draft	Final	
						Reg	Repro
					0	1	0
					<b>DTRA/ J4LP</b>	0	1
<b>DTRA/ JSCKF</b>	0	1	0				
<b>DTRA-J4CRC</b>	0	1	0				
15. TOTAL					0	4	0

G. PREPARED BY (b)(6)	H. DATE 4/8/2015	I. APPROVED BY (b)(6)	J. DATE 4/8/2015
(b)(6) S&T Manager		(b)(6) S&T Manager	

## Statement of Work

### 1.0 - Objective:

EcoHealth Alliance (EHA) proposes a Global Rapid Identification Tool System (GRITS) for diagnosing infectious disease bioevents. Our current GRITS media diagnostic tool (GRITS.md) delivers ranked differential diagnoses to identify disease threats more rapidly than current public health systems. Our specific objective with this proposal is to leverage the GRITS platform, developed with DTRA support since January 2013, and expand it to deliver near-real-time disease diagnostics, decision support, and data processing to the BSVE. We propose scaling this system to handle large data volumes in near-real-time, along with enhancing diagnostic capabilities, thereby allowing users of GRITS and the BSVE to monitor live data feeds for diseases or disease characteristics of interest. These enhanced capabilities will be powered by GRITS analytics, visualizations, and data; all connected to our network of experts from digital surveillance, disease ecology, and open source communities.

### 2.0 - Scope:

The **technology areas** to be investigated are mathematical disease models, disease detection, web data mining, scientific application development, digital disease surveillance, animal and human biosurveillance data, spatial environmental health data, and information storage and retrieval.

The **primary objective** is to deliver an application that facilitates rapid and accurate diagnosis of outbreaks to identify disease threats more rapidly than current methods of digital disease surveillance and to help BSVE analysts constrain complex infectious disease outbreak scenarios.

### Major milestones:

1. Build BSVE interface to GRITS with the SDK
2. Build mechanisms to crowd source annotations
3. Expand diagnostic capability to arbitrary data feeds
4. Connect GRITS to EIDR and Mantle
5. Crowd source improvements to the GRITS media diagnostic tool
6. Connect GRITS diagnostic data filtering to the BSVE
7. Enrich diagnostic dashboard with dynamic visualizations
8. Forecast disease emergence spatially

### 3.0 - Background:

This is an extension of a previously funded DTRA initiative. Relevant documents can be found in the references section of the technical proposal.

### 4.0 - Tasks/Technical Requirements:

#### Task 1: Connect GRITS Girder database to the BSVE (Base Period)

1. Solicit feedback on GRITS data API from BSVE team
2. Create API key generation and assignment infrastructure for GRITS
3. Connect Girder data storage to API key infrastructure
4. Incorporate feedback from the BSVE team into GRITS API

5. Generate documentation for API access

**Task 2: Develop recommendation and decision support capabilities (Base Period)**

1. Set up job to extract and store features of incoming articles
2. Provide recommendations based on keywords
3. Recommend similar articles based on an article or portfolio
4. Create mechanism for people and organizations to opt in to be recommended
5. Recommend people or organizations based on keywords, articles, or portfolios
6. Identify missing features that differentiate between top diagnoses for an article
7. Connect recommendation system to API

**Task 3: Connect GRITS diagnostic and text-mining APIs to the BSVE (Base Period)**

1. Connect diagnosis and text-mining to API infrastructure
2. Write documentation on diagnosis and text mining APIs for BSVE team
3. Incorporate feedback from the BSVE team into GRITS API
4. Support BSVE team as they integrate GRITS extracted features and diagnostics

**Task 4: Build BSVE interface to GRITS with the SDK (Base Period)**

1. Obtain and review SDK documentation from BSVE
2. Develop backend component to access GRITS API
3. Set up mechanism for BSVE users to authenticate and/or register with GRITS
4. Develop frontend component to allow submission
5. Develop frontend component to provide diagnosis and dashboard links
6. Coordinate with BSVE to deploy application

**Task 5: Build mechanisms to crowd source annotations (Base Period)**

1. Prepare annotation interface to allow correcting annotations
2. Write documentation of annotation interface
3. Test annotation interface and incorporate feedback
4. Develop infrastructure to identify and assign annotation tasks
5. Integrate annotation interface into Mechanical Turk or similar platform
6. Integrate and deploy citizen science platform
7. Evaluate obtained annotations and report on quality (e.g., inter-annotator agreement)

**Task 6: Incorporate disease network graphs to assist diagnostics (Base Period)**

1. Develop features to extract from texts and map to ontologies
2. Develop geographic, ecological, and transportation network graphs
3. Develop information network graph
4. Build graph visualizations with Tangelo
5. Develop tool to identifies 'blind spots' in the information network

**Task 7: Support diagnostic algorithm development with dashboard (Base Period)**

1. Develop infrastructure for training multiple machine learning algorithms
2. Create interface to select algorithms and compare results
3. Create interface for selecting algorithm parameters
4. Automate algorithms and record performance

**Task 8: Expand diagnostic capability to arbitrary data feeds (Option Year 1)**

1. Build a submission interface for users to submit arbitrary feed
2. Integrate article-processing pipeline with a translation service to process non-English articles in near real time.

**Task 9: Connect GRITS to EIDR/Mantle (Option Year 1)**

1. Evaluate existing EIDR/Mantle API against needs of recommendation system
2. Develop capacity of EIDR/Mantle API to deliver historic event matches
3. Recommend EIDR/Mantle events (e.g., current event is similar to past outbreak)
4. Use EIDR/Mantle media to improve diagnostics and recommendation quality
5. Match GRITS data to events in EIDR and Mantle (expanding from EIDs to all outbreaks)

**Task 10: Update diagnostic model in near real time (Option Year 1)**

1. Create a service for retraining the classifier with new labeled data
2. Research distributed training and incremental retraining algorithms
3. Add features to the UI that allow users to confirm or correct classifications

**Task 11: Use text mining to extend network graphs/ontologies (Option Year 1)**

1. Infer set of subjects (e.g., EID events) and predicates (hasCase, reportedBy)
2. Create feature extractors for interesting subject-predicate-object groups
3. Use named entity classification or related technologies to identify diseases and disease attributes that are unknown to our system in advance (e.g., novel diseases, viral strains that have mutated, bacteria that have developed antibiotic resistance).

**Task 12: Connect EIDR collective intelligence editor to the BSVE (Option Year 1)**

1. Evaluate and implement changes to EIDR API for of GRITS diagnostic needs
2. Generate keywords and rules from EIDR data to incorporate into GRITS text mining
3. Incorporate EIDR data into diagnostic model training
4. Design user interface for expert review and editing of EIDR events
5. Implement expert review and editing interface
6. Set up mechanism for registering and authenticating BSVE users with EIDR

**Task 13: Connect GRITS diagnostic data filtering to the BSVE (Option Year 1)**

1. Generate diagnostic rules to match regions and diseases of interest
2. Test filtered results with experts to determine accuracy of filtering
3. Add near-real-time diagnostic filtering to GRITS API

**Task 14: Generate disease summary reports from diagnostics (Option Year 1)**

1. Create algorithms for generating statistics (e.g., case counts) and visualizations (e.g., epidemic curves) to include in the summary report.
2. Integrate diagnostic filtering to identify data sources for the summary report

**Task 15: Forecast disease emergence (Option Year 1)**

1. Build a mathematical model of disease emergence that incorporates GRITS networks
2. Create a geo visualization for GRITS dashboard
3. Add geocoded hotspot data to the API

**5.0 - CDRLs/Other Deliverables:**

- Project Spend Plan (In accordance with Exhibit A Contract Data Requirements List)
- Meeting and Teleconference Minutes (In accordance with Exhibit A Contract Data Requirements List)
- Monthly Progress & Cost Status Reports (In accordance with Exhibit A Contract Data Requirements List)
- Software (In accordance with Exhibit A Contract Data Requirements List)
- Reports (In accordance with Exhibit A Contract Data Requirements List)

**EcoHealth Alliance Subcontracting Plan for HDTRA114-AMD1-CBA-03-2-0022**

Per FAR 19.704, we have detailed below our individual subcontracting plan to maximize small business potential in our contracting efforts for Base Year, Option Year 1.

**Table 1. Estimated Proposed Subcontracting Amounts for Base Year of Contract**

<b>Socioeconomic Concern</b>	<b>Base Year Amount Subcontracted to Small Business</b>	<b>Option 1 Amount Subcontracted to Small Business</b>	<b>Base Year Percentage of overall value of total Base Year contract (Small business subcontracted amount /Total contract amount)</b>	<b>Option Year 1 Percentage of overall value of total Option 1 Year contract (Small business subcontracted amount /Total contract amount)</b>
<b>Small Business (including ANC and Indian Tribes)</b>	\$506,686.72	\$521,887.33	21%	21%
<b>Veteran-owned small business</b>	\$0	\$0	0%	0%
<b>Service-Disabled Veteran Owned Small Business -</b>	\$0	\$0	0%	0%
<b>Service-Disabled Veteran Owned Small Business</b>	\$0	\$0	0%	0%
<b>HUBZone Small Business -</b>	\$0	\$0	0%	0%
<b>Small Disadvantaged Business (including ANCs and Indian tribes)</b>	\$0	\$0	0%	0%
<b>Women-Owned Small Business Concerns</b>	\$0	\$0	0%	0%

1) The breakdown of our percentage goals for subcontracted dollars for the **Base Year** is as follows

- Small Business (including ANCs and Indian Tribes)- 20%
- Veteran-owned small business - 0%
- Service-Disabled Veteran owned Small Businesses- 0%
- HUBzone Small Business - 0%
- Small Disadvantaged Business (including ANCs and Indian tribes) - 0%
- Women-owned Small Business Concerns - 0%

The breakdown of our percentage goals for subcontracted dollars for **Option Year 1** is as follows

- Small Business (including ANCs and Indian Tribes)- 20%
- Veteran-owned small business - 0%
- Service-Disabled Veteran owned Small Businesses- 0%
- HUBzone Small Business - 0%
- Small Disadvantaged Business (including ANCs and Indian tribes) - 0%
- Women-owned Small Business Concerns - 0%

2) The total amount of dollars to be subcontracted for this proposal in the **Base year** is \$631,208.71. EcoHealth Alliance (EHA) plans to subcontract \$506,686.72 in the Base Year to Small Businesses (Kitware). This is approximately 80% of all subcontracted dollars. This small business is not an ANC or Indian Tribe. EHA plans to subcontract \$0 to veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business (including ANCs and Indian tribes) and women-owned small business concerns.

The total amount of dollars to be subcontracted for this proposal in **Option Year 1** is \$650,144.98. EHA plans to subcontract \$521,887.33 in the Option Year 1 to Small Businesses (Kitware). This is approximately 80% of all subcontracted dollars. This small business is not an ANC or Indian Tribe. EHA plans to subcontract \$0 to veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business (including ANCs and Indian tribes) and women-owned small business concerns.

(3) Supplies and services to be contracted to our small business subcontractor (Kitware) includes machine learning, text analysis, software development, data management, and data visualization. Kitware is a unique scientific organization, selected on the basis of the nature of the work, good faith efforts to identify capable small business firms, and the precedent of successful prior collaborations with EHA. Specifically, they were selected on the basis of professional accomplishments, niche expertise, proven track record, and the precedent of previously having developed custom biosurveillance products to interfaced with their products and expertise.

(4) The total and categorical percentage awards are lower than DoD's goals due to the specialized work to be completed the proposed work and the previous collaboration with subcontractors on previous and related research and development contracts with EHA (funded by DTRA). These methods are used to develop subcontracting goals:

The Principal Investigator (PI; Dr. Andrew G. Huff) will consult with the Chief Financial Officer (CFO; Mr. Harvey Kasdan), to clearly identify the goods and services that will be subcontracted and will search source lists to identify small, disadvantaged, women-owned, SBA HUBzone, veteran owned, and service disabled veteran owned firms that can provide these goods and services. EHA will investigate the identified firms' capabilities and the past performance of these firms to determine if they are qualified to provide the goods and services required. If there are qualified small, disadvantaged, women-owned, SBA HUBzone, veteran owned, or service disabled veteran owned firms that offer the needed goods or services, they will be used whenever possible. Reasonable goals are established before considering the value of the needed subcontracts and the after identifying the pool of qualified firms.

(5) The internal identification and selection process for subcontractors are as follows:

1. Senior scientists survey and interview institutions and individuals recommended by our science staff, colleagues, industry groups, funders and, for in-country partner recommendations, local, regional and national governments and institutions.
2. Site visits are made as necessary, particularly for partners with whom we have not worked previously, to determine their capacity, and their local relationships. Extensive review includes CV's of principal investigators and their staff, organizational and administrative capacity, annual report and audit report reviews, indirect cost rate review, and history of the institution.
3. We conduct a complete review of prospective subcontractors among senior staff, with a recommendation to the President for final decision.
4. Source lists used in making the determinations:
  - [www.pro-net.sba.gov](http://www.pro-net.sba.gov), the SBA online database of small businesses
  - [www.sba.gov/hubzone](http://www.sba.gov/hubzone), the SBA online database of locations that qualify as HUBZones
  - Local Office of the Small Business Administration

(6) Indirect costs were not included in our goals. Kitware and ISDS have their own approved overhead and indirect rates. Their sub-award contains overhead and indirect rates.

(7) Name: Dr. Andrew G. Huff  
Title: Senior Scientist  
Address: 460 West 34th Street  
17th Floor  
New York, NY 10001  
Telephone Number: 1.212.380.4497 (direct)  
Email: [huff@ecohealthalliance.org](mailto:huff@ecohealthalliance.org)

Specific duties as they relate to EHA's subcontracting program are:

- Identifies potential subcontractors based on the methods described above
- Survey's SB, HUBZone SB, SDB, WOSB and veteran owned or service disabled veteran owned businesses for potential inclusion in all solicitations for products or services which they are capable of providing
- Works with finance and administration departments to identify future subcontracting goals
- Coordinates with subcontractors and assures subcontracting reports are submitted in accordance with EHA and U.S. government policies
- Prepares and submits periodic subcontracting reports as outlined in this plan

(8) EHA gives careful consideration to small businesses that could provide the services we require. On this basis, we identified one recognized small business entity in the field (Kitware) that had the ability, expertise and the capacity to accomplish these goals and that would be able to compliment the expertise of our organization to accomplish the tasks detailed in our statement of work (SOW). Per FAR 19.703 (2)(b), we rely on written documentation to confirm a subcontractor's status as a small business. Due to the scientifically specific nature of the work that is proposed, we were unable, to the best of our ability, to identify areas of the work that could be further subcontracted, or qualified firms that could help EHA achieve our broader small business goals (e.g., veteran, disadvantaged, HUB, women, disabled). Beyond the specific goals of this proposal, EHA makes every effort to provide opportunities for small businesses.

(9) EHA will include the clause at 52.219-8, Utilization of Small Business Concerns (see 19.708(a)), in all subcontracts that offer further subcontracting opportunities, and will require all subcontractors (except small business concerns) that receive subcontracts in excess of \$650,000 (\$1.5 million for construction) to adopt a plan that complies with the requirements of the clause at 52.219-9, Small Business Subcontracting Plan (see 19.708(b));

(10) EHA agrees to cooperate in any studies or surveys that may be required. EHA agrees to submit periodic reports (annually, or when requested by DTRA) so the government can determine the extent of compliance by EHA to the subcontracting plan.

- EHA will submit an Individual Subcontract Report (ISR) and a Summary Subcontract Report (SSR) using eSRS when required.
- EHA will submit a ISR semi-annually and within 30 days of contract completion. We will use the eSRS system and follow the instructions detailed on the eSRS system
- EHA will submit an SSR annuals for the twelve month period ending September 30th. We will use the eSRS system and follow the instructions detailed on the eSRS system.
- EHA does not currently have, or plan to have subcontractors with subcontracting plans. None of EHA's subcontractors have subcontractors of their own.

(11) EHA agrees that it will maintain at least the following types of records to document compliance with the subcontracting plan:

- Source list, guides, and other data identifying SB, HUBZone SB, SDB, WOSB and veteran owned or service disabled veteran owned concerns.
- Organizations contacted to locate SB, HUBZone SB, SDB, WOSB and veteran owned or service disabled veteran owned concerns.
- On a contract-by-contract basis, records on all subcontract solicitations over \$100,000, indicating for each solicitation (1) whether SB concerns were solicited, and if not, why not; (2) whether HUBZone SB concerns were solicited, and if not, why not; (3) whether SDB concerns were solicited, and if not, why not; (4) whether WOSB concerns were solicited, and if not, why not, (5) whether veteran owned or service disabled veteran concerns were solicited and if not, why not; and (6) reasons for the failure of solicited SB, HUBZone SB, SDB, WOSB and veteran owned or service disabled veteran owned concerns to receive the subcontract award.

Based upon the above criteria, we have selected our small business contractor in accordance with our plan. We are committed to the small business goals as outlined in FAR 19.702 and will continue to administer our subcontracting program, inclusive of contractual agreements and monthly invoices and reports, in accordance with these regulations.

Cheers,



Andrew G. Huff, Ph.D., M.S.  
Senior Research Scientist  
EcoHealth Alliance  
460 West 34th Street – 17th floor  
New York, NY 10001  
1.212.380.4497 (direct)

(b)(6) (mobile)

## DATA RIGHTS ASSERTION LIST

Identification and Assertion of Restrictions on the Government's Use, Release, or Disclosure of  
Technical Data or Computer Software

The Offeror asserts for itself, or the persons identified below, that the  
Government's rights to use, release, or disclose the following technical data or  
computer software should be restricted:

Technical data or computer software to be furnished with restrictions*	Basis for assertion**	Asserted rights category***	Name of person asserting restrictions****
None	None	None	None

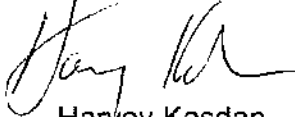
\*For technical data (other than computer software documentation) pertaining to items, components, or processes developed at private expense, identify both the deliverable technical data and each such item, component, or process. For computer software or computer software documentation identify the software or documentation.

\*\*Generally, development at private expense, either exclusively or partially, is the only basis for asserting restrictions. For technical data, other than computer software documentation, development refers to development of the item, component, or process to which the data pertain. The Government's rights in computer software documentation generally may not be restricted. For computer software, development refers to the software. Indicate whether development was accomplished exclusively or partially at private expense. If development was not accomplished at private expense, or for computer software documentation, enter the specific basis for asserting restrictions.

\*\*\*Enter asserted rights category (e.g., government purpose license rights from a prior contract, rights in SBIR data generated under another contract, limited, restricted, or government purpose rights under this or a prior contract, or specially negotiated licenses).

\*\*\*\*Corporation, individual, or other person, as appropriate.

\*\*\*\*\*Enter "none" when all data or software will be submitted without restrictions.

Signature: 

Date:

09/12/14

Printed Name:

Harvey Kasdan

Title:

Chief Financial Officer

Company Name:

EcoHealth Alliance

**APL Use Only:**

Forward to APL Prime Contract Representative, Program Manager and Office of Patent Counsel.

(b)(6)

**From:**

(b)(6)

**Sent:**

Thursday, November 10, 2016 12:57 PM

**To:**

'Karissa Whiting'; 'allen@ecohealthalliance.org'

**Cc:**

(b)(6) DTRA Ft Belvoir

J9 List J9CB CB Contract Awards; DTRA Ft Belvoir J4-8 Mailbox BFKF SPS Contracts;

DTRA Ft Belvoir J4-8 Mailbox DTRA Contract Property; 'ONR\_Boston@navy.mil'; (b)(6)

**Subject:**

(b)(6)  
HDTRA1-15-C-0041 Modification P00003 with EcoHealth Alliance

**Attachments:**

HDTRA1-15-C-0041-P00003 Fully Executed.pdf

Hi Karissa,

Fully signed modification P00003 is attached for your files.

Let me know if you have any questions or need anything.

Thank you,

(b)(6)

Senior Contract Specialist (Contractor)

Contracts - Research & Development Division (J4CRC) Defense Threat Reduction Agency

Phone

(b)(6)

Email:

Notice: This contractor support employee is acting in an advisory role only and has no authority to bind the government in any way.

**From:** (b)(6)  
**To:** "whiting@ecohealthalliance.org"; "huff@ecohealthalliance.org"  
**Cc:** (b)(6)  
**Subject:** HDTRA1-15-C-0024 Letter of Intent to Exercise Option with EcoHealth  
**Date:** Tuesday, March 1, 2016 8:57:00 AM  
**Attachments:** [OPTION Letter of Intent HDTRA1-15-C-0041.pdf](#)

Hello Karissa and Andrew,

Please see attached for the letter of intent to exercise the option on the subject effort.

Let me know if you have any questions.

Thank you

(b)(6)

Senior Contract Specialist (Contractor)  
Contracts - Research & Development Division (J4CRC)  
Defense Threat Reduction Agency  
Phone (b)(6)  
Email (b)(6)



**Defense Threat Reduction Agency**

8725 John J. Kingman Road MSC 6201  
Fort Belvoir, VA 22060-6201

March 1, 2016

EcoHealth Alliance, Inc.  
ATTN: Harvey Kasdan  
460 West 34<sup>th</sup> Street – 17<sup>th</sup> Floor  
New York, NY 10001

Dear Mr. Kasdan:

This letter is in reference to Defense Threat Reduction Agency (DTRA) Contract Number HDTRA1-15-C-0041 which provides the “Global Rapid Identification Tool System (GRITS)”.

You are advised, in accordance with Contract Clause 52.217-9, "Option to Extend the Term of the Contract," the Government intends to exercise Option Period I under Contract Line Item Numbers (CLINs) 1001 and 1002 for the period of April 9, 2016 through to April 8, 2017.

This notice of the Government's intent to exercise the aforementioned option shall not be construed as an authorization to begin new work in the option period, nor does it commit the Government to the exercise of the option. All terms and conditions of the contract remain in full force and effect.

If you require additional information, please contact (b)(6) Contract Specialist, at (b)(6) or the undersigned at (b)(6)

Sincerely,

(b)(6)

Contracting Officer

**From:** (b)(6)  
**To:** "whiting@ecohealthalliance.org"; "Dr. Andrew Huff"  
**Cc:** (b)(6) DTRA Ft Belvoir J9 List J9CB CB Contract Awards; DTRA Ft Belvoir J4-8C Mailbox BFKF SPS Contracts; DTRA Ft Belvoir J4-8C Mailbox DTRA Contract Property; "Vasken.Kolancian@dcma.mil" (b)(6)  
**Subject:** HDTRA1-15-C-0041 Mod P00002 Option 1 Exercise with EcoHealth  
**Date:** Wednesday, March 16, 2016 9:55:00 AM  
**Attachments:** HDTRA1-15-C-0041 Mod P00002 signed.pdf

Hello Karissa and Andrew,

Unilaterally executed Option Exercise Mod is attached for your records.

Please confirm receipt when you get a chance.

If you received this email in error, please reply immediately so the distribution can be corrected.

Thank you,

(b)(6)

Senior Contract Specialist (Contractor)  
Contracts - Research & Development Division (J4CRC)  
Defense Threat Reduction Agency  
Phone: (b)(6)  
Email: (b)(6)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE S	PAGE OF PAGES 1   5
2. AMENDMENT/MODIFICATION NO. P00002	3. EFFECTIVE DATE 08-Apr-2016	4. REQUISITION/PURCHASE REQ. NO. J9CBA19766		5. PROJECT NO.(If applicable)
6. ISSUED BY DEFENSE THREAT REDUCTION AGENCY/J4C 8725 JOHN J. KINGMAN ROAD, MSC 6201 FORT BELVOIR VA 22060-6201	CODE HDTRA1	7. ADMINISTERED BY (If other than item 6) DCMA GARDEN CITY 605 STEWART AVENUE GARDEN CITY NY 11530-4761		CODE S3309A
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) ECOHEALTH ALLIANCE INC MR. ALEKSEI CHMURA 460 W 34TH ST 17TH FL NEW YORK NY 10001-2320			9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
			X	10A. MOD. OF CONTRACT/ORDER NO. HDTRA1-15-C-0041
			X	10B. DATED (SEE ITEM 13) 09-Apr-2015
CODE 3MMU3	FACILITY CODE			
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.				
<p>Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:</p> <p>(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>				
12. ACCOUNTING AND APPROPRIATION DATA (If required) <b>See Schedule</b>				
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
X D. OTHER (Specify type of modification and authority) IAW FAR 52.217-9 Option to Extend the Term of the Contract				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: duncank161055 J9CBA19766  The purpose of this modification is to exercise Option Period 1 consisting of CLINs 1001 and 1002, apply incremental funding to CLIN 1001 via new SLIN 100101, update clauses 252.232-9000 and 253-232-9001, and administratively update the "Ship To Address" on CLINs 0001 and 1001 in order to reflect current COR information and comply with Department of Defense (DoD) Procurement Data Standard (PDS).  All other terms and conditions remain unchanged.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) (b)(6) / CONTRACT SPECIALIST		
		TEL: (b)(6)	EMAIL: (b)(6)	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY: (b)(6) (Signature of Contracting Officer)		16C. DATE SIGNED  16-Mar-2016

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION A - SOLICITATION/CONTRACT FORM

The total cost of this contract was increased by \$2,262,641.00 from \$2,217,037.00 to \$4,479,678.00.

SECTION B - SUPPLIES OR SERVICES AND PRICES

CLIN 1001

The option status has changed from Option to Option Exercised.

CLIN 1002

The option status has changed from Option to Option Exercised.

SUBCLIN 100101 is added as follows:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100101	Incremental Funding COST Incremental Funding for Option Period 1. FOB: Destination				\$0.00
				ESTIMATED COST	\$0.00
	ACRN AC CIN: JBCBA19766000101				\$1,696,980.75

SECTION E - INSPECTION AND ACCEPTANCE

The following Acceptance/Inspection Schedule was added for SUBCLIN 100101:

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
N/A	N/A	N/A	Government

SECTION F - DELIVERIES OR PERFORMANCE

The following Delivery Schedule item for CLIN 0001 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
---------------	----------	-----------------	-----

POP 09-APR-2015 TO 08-APR-2016	N/A	DEFENSE THREAT REDUCTION AGENCY HDTRA1 SEE SEPARATE LETTER 8725 JOHN J. KINGMAN RD., MSC 6201 FORT BELVOIR VA 22060 FOB: Destination
-----------------------------------	-----	--

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 09-APR-2015 TO 08-APR-2016	N/A	DEFENSE THREAT REDUCTION AGENCY/J9CBA (b)(6) 8725 JOHN J. KINGMAN ROAD, MSC 6201 FORT BELVOIR VA 22060 (b)(6) FOB: Destination	HDTRA1

The following Delivery Schedule item for CLIN 1001 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 09-APR-2016 TO 08-APR-2017	N/A	DEFENSE THREAT REDUCTION AGENCY HDTRA1 SEE SEPARATE LETTER 8725 JOHN J. KINGMAN RD., MSC 6201 FORT BELVOIR VA 22060 FOB: Destination	

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 09-APR-2016 TO 08-APR-2017	N/A	DEFENSE THREAT REDUCTION AGENCY/J9CBA (b)(6) 8725 JOHN J. KINGMAN ROAD, MSC 6201 FORT BELVOIR VA 22060 (b)(6) FOB: Destination	HDTRA1

SECTION G - CONTRACT ADMINISTRATION DATA

Accounting and Appropriation

Summary for the Payment Office

As a result of this modification, the total funded amount for this document was increased by \$1,696,980.75 from \$2,217,037.00 to \$3,914,017.75.

SUBCLIN 100101:

Funding on SUBCLIN 100101 is initiated as follows:

ACRN: AC

CIN: JBCBA19766000101

Acctng Data: 044315 097 0400 000 N 20162017 D 2620 0602384BP\_CB\_CBA\_RC  
1617\_0400\_2620\_TM2DN DTRA 255

Increase: \$1,696,980.75

Total: \$1,696,980.75

The following have been modified:

252.232-9000 CONTRACT FUNDING PROFILE (OCT 1998)

**CLIN 0001** Subject to FAR Clause 52.232-22, Limitation of Funds, the amount of \$2,217,037.00 is obligated for work to be performed during the period beginning with contract award and continuing through April 8, 2016. CLIN 0001 is FULLY FUNDED.

**CLIN 1001** Subject to FAR Clause 52.232-22, Limitation of Funds, the amount of \$1,696,980.75 is obligated for work to be performed during the CLIN 1001 period of performance start date of April 9, 2016 and continuing through its end date. Incremental funding planned, but not obligated is: \$565,660.25.

(End of clause)

252.232-9001 PRICES/COST

a. Subject to the provisions of the Clauses of this Contract entitled LIMITATION OF FUNDS, ALLOWABLE COST AND PAYMENT, and FIXED FEE, the total allowable cost under this Contract shall not exceed \$\_\_\_\_\_ A\_\_\_\_\_, which is the total estimated cost of the Contractor's performance hereunder, exclusive of fixed fee. In addition, the Government shall pay the Contractor a fixed fee of \$\_\_\_\_\_ B\_\_\_\_\_ for the performance of this Contract. It is understood and agreed that the Government's obligation is limited to INCREMENTAL FUNDING in the amount of \$\_\_\_\_\_ C\_\_\_\_\_. Within this amount (\$\_\_\_\_\_ C\_\_\_\_\_), the fixed fee shall bear the same relationship to the total fixed fee, as the costs incurred bear to the total estimated cost.

b. Interim payment vouchers may be submitted for provisional payment pursuant to the Clauses of this Contract entitled ALLOWABLE COST AND PAYMENT and FIXED FEE.

**CLIN 0001**

A: \$2,217,037.00

B: \$0

C: \$2,217,037.00

**CLIN 1001**

A: \$2,262,641.00

B: \$0

C: \$1,696,980.75

(End of Summary of Changes)

**From:** (b)(6)  
**To:** Karissa Whiting  
**Cc:** "Toph Allen"; (b)(6); DTRA Ft Belvoir J9 List J9CB CB Contract Awards; DTRA Ft Belvoir J4-8 Mailbox BFKF SPS Contracts; DTRA Ft Belvoir J4-8 Mailbox DTRA Contract Property; "ONR\_Boston@navy.mil"; (b)(6)  
**Subject:** HDTRA1-15-C-0041- P00004 EcoHealth, NCE  
**Date:** Thursday, March 16, 2017 9:02:00 AM  
**Attachments:** HDTRA1-15-C-0041-P00004 Fully Executed.pdf

Ili Karissa,

Attached, please find a copy of the fully executed subject modification for your files.

Let me know if you have any questions.

Thank you,

(b)(6)

Senior Contract Specialist (Contractor)  
Contracts - Research & Development Division (J4CRC) Defense Threat Reduction Agency  
Phone (b)(6)  
Email (b)(6)

Notice: This contractor support employee is acting in an advisory role only and has no authority to bind the government in any way.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
			S	1	5
2. AMENDMENT/MODIFICATION NO. <b>P00004</b>	3. EFFECTIVE DATE <b>08-Apr-2017</b>	4. REQUISITION/PURCHASE REQ. NO. J9CBA19766		5. PROJECT NO. (if applicable)	
6. ISSUED BY DEFENSE THREAT REDUCTION AGENCY:J4C 8725 JOHN J. KINGMAN ROAD, MSC 6201 FORT BELVOIR VA 22060-6201	CODE <b>HDTRA1</b>	7. ADMINISTERED BY (If other than item 6) OFFICE OF NAVAL RESEARCH-BOSTON 495 SUMMER STREET, ROOM 627 BOSTON MA 02110-2109		CODE	<b>N62879</b>
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) ECOHEALTH ALLIANCE INC. MR. ALEKSEI CHMURA 460 W 34TH ST 17TH FL NEW YORK NY 10001-2320			9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
			X	10A. MOD. OF CONTRACT/ORDER NO. HDTRA1-15-C-0041	
			X	10B. DATED (SEE ITEM 13) 09-Apr-2015	
CODE <b>3MMU3</b>	FACILITY CODE				
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended.					
<p>Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:</p> <p>(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>					
12. ACCOUNTING AND APPROPRIATION DATA (If required) <b>See Schedule</b>					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
X D. OTHER (Specify type of modification and authority) Bilateral Mod IAW FAR 43.103(a)(3) Mutual Agreement					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: duncank171066 J4CRJ9CBA172109 The purpose of this modification is to: 1. Extend Option Period 1, CLINs 1001 and 1002 through to September 30, 2017 at no additional cost to the Government. As consideration for this extension, the Contractor shall develop and provide to the Government, at the Contractor's expense, a diagnostic engine that will create a summary report of separate articles that are linked to a single disease event. 2. Update CLINs 0002 and 1002 to identify them as not separately priced with a quantity of 1, and add ship to addresses in order to comply with DoD Procurement Data Standard requirements. 3. Realign ACRN AB funding from SLIN 000101 to CLIN 0001 in order to correct an issue wherein funding was incorrectly assigned to both the CLIN and SubCLIN. This realignment does not affect the total funding amount allocated to, or available for vouchers against, CLIN 0001. 4. Remove FOB and inspection terms from funding SubCLINs. 5. Replace Section G DFAS payment instruction clause 252.204-9002 with 252.204-0002.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print) Peter Daszak			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) (b)(6)		
			TEL: (b)(6)	EMAIL: (b)(6)	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED 3/15/17	16B. UNITED STATES OF AMERICA BY: (b)(6)		16C. DATE SIGNED
			(Signature of Contracting Officer)		

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

SECTION B - SUPPLIES OR SERVICES AND PRICES

SUBCLIN 000101

The unit of issue Lot has been deleted.  
 The FOB Destination has been deleted.

CLIN 0002

The CLIN type priced has been added.  
 The pricing detail quantity 1.00 has been added.  
 The cost constraint NSP has been added.

SUBCLIN 100101

The FOB Destination has been deleted.

SUBCLIN 100102

The FOB Destination has been deleted.

CLIN 1002

The CLIN type priced has been added.  
 The pricing detail quantity 1.00 has been added.  
 The cost constraint NSP has been added.

SECTION E - INSPECTION AND ACCEPTANCE

The Acceptance/Inspection Schedule for SUBCLIN 000101 has been changed from:

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
N/A	N/A	N/A	Government

To:

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
N/A	N/A	N/A	N/A

The Acceptance/Inspection Schedule for CLIN 0002 has been changed from:

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
Destination	Government	Destination	Government

To:

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
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POP 09-APR-2016 TO 08-APR-2017	N/A	DEFENSE THREAT REDUCTION AGENCY/J9CBA (b)(6) 8725 JOHN J. KINGMAN ROAD, MSC 6201 FORT BELVOIR VA 22060 (b)(6) FOB: Destination	HDTRA1
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To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC / CAGE
POP 09-APR-2016 TO 30-SEP-2017	N/A	DEFENSE THREAT REDUCTION AGENCY/J9CBA (b)(6) 8725 JOHN J. KINGMAN ROAD, MSC 6201 FORT BELVOIR VA 22060 (b)(6) FOB: Destination	HDTRA1

The following Delivery Schedule item for CLIN 1002 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC / CAGE
POP 09-APR-2016 TO 08-APR-2017	N/A	N/A FOB: Destination	

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC / CAGE
POP 09-APR-2016 TO 30-SEP-2017	N/A	DEFENSE THREAT REDUCTION AGENCY/J9CB (b)(6) 8725 JOHN J. KINGMAN ROAD, MSC 6201 FORT BELVOIR VA 22060 (b)(6) FOB: Destination	HDTRA1

**SECTION G - CONTRACT ADMINISTRATION DATA**

Accounting and Appropriation

Summary for the Payment Office

CLIN 0001:

AB: 044315 097 0400 000 N 20152016 D 2620 0602384BP\_CB\_CBA\_RC 1516\_0400\_2620\_TM2DN DTRA 255 (CIN J9CBA142120001) was increased by \$99,550.79 from \$2,117,486.21 to \$2,217,037.00

SUBCLIN 000101:

AB: 044315 097 0400 000 N 20152016 D 2620 0602384BP\_CB\_CBA\_RC 1516\_0400\_2620\_TM2DN DTRA 255 (CIN J9CBA16659000101) was decreased by \$99,550.79 from \$99,550.79 to \$0.00

The following have been added by reference:

252.204-0002

The following have been deleted:

252.204-9002

(End of Summary of Changes)

**From:** (b)(6)  
**To:** [Harvey Kasdan \(kasdan@ecohealthalliance.org\)](mailto:kasdan@ecohealthalliance.org)  
**Cc:** [Amy Slagle \(slagle@ecohealthalliance.org\)](mailto:slagle@ecohealthalliance.org); [Jon Epstein \(epstein@ecohealthalliance.org\)](mailto:epstein@ecohealthalliance.org); [Carla Tilchin \(tilchin@ecohealthalliance.org\)](mailto:tilchin@ecohealthalliance.org)  
**Subject:** HDTRA114-AMD1-CBA-03-2-0022 "Global Rapid Identification Tool Set (GRITS)"  
**Date:** Monday, August 18, 2014 8:35:00 AM  
**Attachments:** [Fact Finding Letter EcoAlliance signed.pdf](#)  
[COST BREAKOUT TEMPLATE.xlsx](#)  
[DFARS FY14 Provision Clause tailored.pdf](#)  
[CB10094\\_EHA\\_CDRLs\\_DRAFT.doc](#)

Dear Mr. Kasdan,

Congratulations! The Defense Threat Reduction Agency (DTRA) is providing notification that your proposal titled " Global Rapid Identification Tool Set (GRITS)" submitted under Broad Agency Announcement HDTRA114-AMD1-CBA-03-2-0022 has been tentatively selected for contract award. Please see the attached Fact Finding Letter for a request for additional information. All responses to this request are due at your earliest convenience, but DTRA would prefer no later than COB August 25, 2014. Please submit your response to me at

(b)(6)

Thank you in advance for your time and assistance with this matter. Please let me know if you have any questions.

Best,

(b)(6)

Contract Specialist, J4CRC Contracts

Phone (b)(6)

Fax 703-767-4246

(b)(6)

DTRA/J4CRC  
8725 John J. Kingman Road  
MSC 6201 (#2725D)  
Fort Belvoir, VA 22060-6201



## Defense Threat Reduction Agency

8725 John J. Kingman Road, MSC 6201  
Ft Belvoir, VA 22060-6201

August 18, 2014

EcoHealth Alliance Inc.  
Mr. Harvey Kasdan  
460 West 34<sup>th</sup> Street, 17<sup>th</sup> Floor  
New York, New York 10001-2320

Dear Mr. Kasdan:

Congratulations! The Defense Threat Reduction Agency (DTRA) is providing notification that your proposal titled "Global Rapid Identification Tool Set (GRITS)" submitted under Broad Agency Announcement (HDTTRA114-AMD1-CBA-03-2-0022) has been tentatively selected for contract award.

In order to proceed, DTRA requests that you provide additional information to your proposal in the following areas:

- Contract type. The Government plans to award a cost contract for this research and development effort. Grants are not a consideration for this selection.
- Technical Comments
  - Please remove Tasks 7 and 8; they do not align with current DTRA BSVE objectives.
  - Please remove Task 22; this is a duplicate task currently funded under BSVE efforts.
  - Please provide an updated cost estimate spreadsheet reflecting the removal of Tasks 7, 8 and 22 using the cost breakdown spreadsheet provided, and active cells containing formulae.
  - Please provide an updated PI name and hourly rate information that reflects the new PI for this project, as well as any other new project personnel that replace former project personnel.
  - Please clarify and verify the duration and access terms of the GRID and EcoHD datasets once integrated with BSVE.
- Cost Proposal

The responsibility for providing adequate supporting data and attachments lies solely with the Offeror. Further, the Offeror must also bear the burden of proof in establishing reasonableness of proposed costs; therefore, it is in the Offeror's best interest to submit a fully supportable and well-prepared cost proposal. The basis and rationale for all proposed costs should be provided as part of the proposal so that Government personnel can place reliance on the information as current, complete, and accurate.

All proposals are subject to the requirements of the Truth in Negotiations Act (TINA). Any proposal exceeding the threshold listed in FAR 15.403-4(a)(1) must submit a certificate of current cost and pricing data in the format described in FAR 15.406-2. The certificate of current cost and pricing data is required with proposal submission, however, after negotiations Offerors may be asked to re-submit an updated certificate.

**Note:** *Your proposal is currently over the TINA threshold of \$700,000.*

- A. **Cost Breakdown:** The Offeror shall prepare and submit the Cost Proposal (with the exception of the narrative information described below) using Microsoft Excel format, with active formulae.

Offeror format acceptable provided it includes a detailed cost breakdown of all costs by cost element in accordance with Tables 1 - 5: Sample Formats attached. The Offeror must also provide a narrative to support the requirements in each cost element. In addition, the Offeror must provide a separate cost proposal, in the same level of detail as the prime contractor for each subcontractor or consultant which were not selected on adequate price competition.

Cost elements should include the following:

- a. LABOR: Individual labor categories or persons (principal investigator, graduate students, etc.), with associated labor hours and unburdened labor rates.
  - i. Please provide payroll record documentation to support the proposed labor rates.
- b. MATERIALS: Cost of materials, broken out to the level of detail shown in Table 2. Clearly delineate any computer or IT purchases.
- c. EQUIPMENT: Cost of equipment, broken out to the level of detail shown in Table 3.
- d. TRAVEL: Cost of each trip, broken out to the level of detail shown in Table 4.
- e. OTHER DIRECT COSTS (ODC): Cost of ODCs, broken out to the level of detail shown in Table 5. Examples of ODCs include but are not limited to the following:
  - i. Publication and report cost
  - ii. Laboratory and Computer Usage Fees
  - iii. Communication costs not included in overhead
  - iv. Consultant Services.
- f. SUBCONTRACTOR: Total cost for each subcontractor and/or consultant (**to include each proposed CRO**), broken out to the level of detail shown in Table 6. Any subcontractor not selected on the basis of adequate price competition must provide a separate cost break out that is in compliance with the requirements included in this Attachment.

Specific questions:

- Epidemico
  - Please provide a cost breakdown spreadsheet with active formulae in the cells per the template supplied by DTRA.
  - Please provide payroll record documentation to support the proposed labor rates.
  - Please provide a breakdown of fringe.
  - Please provide a breakdown of the ODCs—specify the consultant, purpose and rate.
  - Please provide the vendors and catalog item numbers for the proposed materials and supplies.
  - Please share a copy of the most recent DHHS rate agreement.
  
- Kitware
  - Please provide a cost breakdown spreadsheet with active formulae in the cells per the template supplied by DTRA.
  - Please provide payroll record documentation to support the proposed labor rates.
  - Please provide a breakdown of fringe.
  - Please provide a breakdown of the ODCs --specify the consultant, purpose and rate.
  - Please provide the vendors and catalog item numbers for the proposed materials and supplies.
  - Please share a copy of the most recent rate agreement or recommendation.
  
- ISID --- ProMED Mail
  - Please provide a cost breakdown spreadsheet with active formulae in the cells per the template supplied by DTRA.
  - Please provide payroll record documentation to support the proposed labor rates.
  - Please provide a breakdown of fringe.
  - Please provide a breakdown of the ODCs—specify the consultant, purpose and rate.
  - Please provide the vendors and catalog item numbers for the proposed materials and supplies.
  - Please share a copy of the most recent DHHS rate agreement.

g. INDIRECT COSTS:

- i. Fringe Benefits
  - Please provide a copy of the most recent memorandum from DHHS outlining your rate agreement.
- ii. Overhead
- iii. Material Handling
- iv. General and Administrative

B. **Cost Narrative:** All Offerors are required to provide a narrative to support each cost element proposed.

- a. LABOR: Offerors must provide a basis of estimate for the number of hours or months proposed as well as the labor categories chosen for the work to be performed. Provide any rate agreements justifying the labor rates proposed.
- b. MATERIALS: Offerors must provide a basis of the materials proposed and why these materials are necessary for the work to be performed. Include quotations when available. Also provide the rationale that demonstrates how the Offeror determined the costs fair and reasonable.

Specific questions:

- You have supplied a copy of EcoHealth Alliances' purchasing policy for ensuring best value in the initial proposal package.
  - Please provide the suppliers to be used for material purchases, as well as corresponding catalog/part numbers for materials.
  - Please provide a breakdown of the materials/supplies to be purchased on the supplied Cost Template spreadsheet.
- c. TRAVEL: Offerors must provide justification for each trip proposed. Include what will be accomplished and explain how each trip benefits DTRA. Trips proposed that benefit the Offeror and/or more than one Government agency under another contract may be subject to cost sharing.

**NOTE:** Travel cost estimates should be based on the following:

Except as provided in FAR 31.205-46(a)(3), costs incurred for lodging, meals, and incidental expenses shall be considered to be reasonable and allowable only to the extent that they do not exceed on a daily basis the maximum per diem rates in effect at the time of travel as set forth in the:

- (i) Federal Travel Regulations, prescribed by the General Services Administration, for travel in the contiguous United States,
- (ii) Joint Travel Regulation, Volume 2, DoD Civilian Personnel, Appendix A, prescribed by the Department of Defense, for travel in Alaska, Hawaii, and outlying areas of the United States, or the
- (iii) Standardized Regulations (Government Civilians, Foreign Areas), Section 925, "Maximum Travel Per Diem Allowances for Foreign Areas," prescribed by the Department of State, for travel in areas not covered in (a)(2)(i) and (ii) of FAR 31.205-46.

**NOTE: DTRA policy does not allow fee to be applied to travel.**

- d. OTHER DIRECT COSTS (ODC): Offerors must provide a basis of the ODCs proposed and why they are necessary for the work to be performed. Provide quotations or publically posted price lists to support the costs proposed. Also provide the rationale that demonstrates how the Offeror determined the costs fair and reasonable.

**Please provide a copy of your most recent OMB Circular A-133 Audit Report.**

- e. INDIRECT COSTS: Offerors must submit a copy of any current Forward Pricing Rate Agreements or Forward Pricing Rate Recommendations with Government agencies, such as DCMA or Department of Health and Human Services. If no agreement has been made with a Government representative, Offerors must provide all rates, factors, and bases by year utilized in the development of the proposal and the basis of those rates and factors.

- f. FEE: If fee is proposed, offerors must provide rationale supporting the fee proposed.

NOTE: Offerors are encouraged to review the factors for how the Government evaluates contractor proposed fee located in DFARS 215.404-71.

- Statement of Work (SOW). Please ensure the following:
  - A. Use “the contractor shall” whenever the work statement expresses a provision that is binding. Use “should” or “may” whenever it is necessary to express a declaration of purpose. Use “will” in cases where no Offeror requirement is involved; e.g., power will be supplied by the Government. Use active voice in describing work to be performed.
  - B. The work effort should be segregated by performance period for all tasks to be performed in that year (e.g. Base Period, Option Period 1, Option Period 2, etc.). Identify the major tasks in separately numbered sub-paragraphs. Each major task should delineate, by subtask, the work to be performed by period. Number each task using the following decimal system (e.g. 4.1, 4.1.1, 4.1.1.1, 4.2, etc.).
  - C. Identify in section 4, which group is performing each task/subtask (i.e. Prime or Sub).
  - D. Clearly identify in the text of section 4 which period (e.g. Base Period, Option Period 1, etc.) the task will be performed in.
  - E. Provide the SOW as a Microsoft Word document so it can be formatted as an attachment to the contract. Please ensure that the title and date of the SOW appear on the document.
- Human Use.  
The proposal notes that the proposed effort *does not* include human subjects or materials research. Please confirm that this remains true. If human subjects or materials research is

to be included in the effort, the work must be reviewed and approved by the DTRA Human Research Oversight Board.

- Animal Use.  
The proposal notes that the proposed effort *does not* include research involving animals on this effort. Please confirm that this remains true. If animal subjects are to be included in the effort, you must obtain IACUC/ACURO approval before animal studies may begin.
- CDRI.s/Other Deliverables.  
See attached CDRI.s/Other Deliverables DD 1423, which identifies each deliverable required by DTRA for this contract. Should you take any exception to the requirements stated therein, please notify DTRA in your response to this fact finding letter.
- System for Award Management (SAM). *Verify and Update your SAM record by certifying to the required DFARS clauses.*
  - A. After reviewing the SAM information, please verify that the representations and certifications currently posted electronically have been entered or updated within the last 12 months, inclusive of the following:
    - FAR 52.209-7 Information Regarding Responsibility Matters;
    - FAR 52.225-20 Prohibition on Conducting Restricted Business Operations in Sudan--Certification;
    - DFARS Provisions 252.209-7001, Disclosure of Ownership or Control by the Government of a Terrorist Country;
    - DFARS 252.247-7022 Representation of Extent of Transportation by Sea; and
    - DFARS 252.225.7031 Secondary Area Boycott of Israel;
    - DFARS 252.203-7000 Requirements Relating to Compensation of Former DoD Officials.
  - B. The following clauses are not currently in SAM. Please review the addendum attachment containing these clauses, certify and sign them, and return them:
    - DFARS 252.203-7005 Representation Relating to Compensation of Former DoD Officials.

NOTE: If any of the above mentioned provisions are not contained in the SAM database, EcoHealth Alliance is required to acknowledge and submit in writing documentation that they have read and understand each provision.

- Intellectual Property:

- A. Data Rights. Please provide a data rights assertions list.

Identify on a Data Rights Assertions List all technical data and computer software, to the extent known at this time, that the Offeror, its subcontractors or suppliers, and potential subcontractors or suppliers, will furnish to the Government with less than "unlimited rights" to use, release and disclosure in accordance with DFARS 252.227-7017, Identification and Assertion of Use, Release or Disclosure Restrictions, and DFARS 252.227-7028, Technical Data or Computer Software Previously Delivered to the Government. Every Offeror proposing to deliver technical data or computer software to the Government will provide a Data Rights Assertions List as an attachment to their offer. The Data Rights Assertion List will contain a table of data deliverables to be furnished to the Government with rights restrictions, as illustrated in DFARS 252.227-7017 (d). This attachment will additionally provide the statement given in DFARS 252.227-7017 (d), signed and dated by an official authorized to contractually obligate the Offeror. If the Offeror will deliver all technical data and computer software to the Government without restrictions, enter "NONE" in this table under the heading "Technical Data or Computer Software to be Furnished with Restrictions."

Generally, development at private expense, either exclusively or partially, is the only basis for asserting restrictions to Government's rights. For technical data, other than computer software documentation, development refers to development of the item, component, or process to which the data pertain. For computer software, development refers to the software. The Government's rights in computer software documentation generally may not be restricted. In addition, if development was not accomplished at private expense, or for computer software documentation, there are also several specific bases for asserting restrictions.

When listing technical data (other than computer software documentation) pertaining to items, components, or processes, identify both the data deliverable from the CDRL and each such item, component, or process as specifically as possible (e.g., by referencing the CDRL and the specific sections of the proposal, data item numbers or item numbers, or specific technology or components). When listing computer software or computer software documentation, identify the software or documentation by specific name or module or item number.

For each of the technical data or computer software identified in the Data Rights Assertion List, identify the following information:

- (i) Identify the basis for the assertion. Generally "developed exclusively at private expense" or "developed partially at private expense" are the only basis to assert restrictions in Government rights. In general, the Government rights in computer software documentation cannot be restricted. If development was not accomplished at private expense, or for computer software documentation, describe the specific basis for asserting restrictions. For example, basis for restricting Government rights may be:

- (A) Development at private expense, either exclusively or partially. Indicate whether development was accomplished exclusively or partially at private expense.
  - (B) Rights under a prior government contract, including SBIR data rights for which the protection period has not expired.
  - (C) Standard commercial license customarily provided to the public.
  - (D) Specifically negotiated license rights.
- (ii) Identify the asserted rights category for the technical data or computer software from the applicable clauses:
- (A) For non-commercial technical data (other than computer software documentation), use the clause found at DFARS 252.227-7013, (e.g., government purpose rights; limited rights; specifically negotiated license rights; or rights under prior Government contracts, including SBIR data rights for which the protection period has not expired);
  - (B) For non-commercial computer software and non-commercial computer software documentation, use the clause at DFARS 252.227-7014 (e.g. government purpose rights, restricted rights, and specifically negotiated license rights, and rights under prior Government contracts, including SBIR data rights for which the protection period has not expired);
  - (C) For commercial technical data (other than computer software documentation), use the clause found at DFARS 252.227-7015 (e.g. government use rights, or specifically negotiated license rights). (NOTE: This clause applies only if the item, component or process to which the technical data pertains meets the definition of “commercial item” in FAR 2.101)
  - (D) For commercial computer software and commercial computer software documentation, refer to DFARS 227 7202-3 (e.g. standard commercial license rights, or specifically negotiated license rights). See definition of “commercial computer software” under DFARS 252.227-7014.
- (iii) Offeror shall attach to its offer for each listed item copies of all proposed specifically negotiated license(s), Offeror's standard commercial license(s), and any other asserted restrictions other than government purpose rights, limited rights, government use rights, rights under prior government contracts, including SBIR data rights for which the protection period has not expired.

Both noncommercial and commercial data/software restrictions should be identified in the Data Rights Assertions list. Should the Offeror propose a specifically negotiated license or a commercial license, then the Offeror must include ALL the terms and conditions of that license. If an Offeror makes no assertions in accordance with the DFARS 252.227-7017, the Government will assume that the Offeror will deliver all data with “unlimited rights.”

If the Offeror is awarded a contract, the Data Rights Assertions list shall be listed in an attachment to that contract. Upon request by the Contracting Officer, the Offeror shall provide sufficient information to enable the Contracting Officer to evaluate any listed assertion.

- **In accordance with FAR clause 52.222-37(c), Employment Reports on Veterans, EcoHealth Alliance is required to complete the Form VETS-100A, entitled “Federal Contractor Veterans’ Employment Report (VETS-100A Report).” Please provide confirmation of your registration.**
- **Please provide a copy of EcoHealth Alliance’s Subcontracting Plan.**
- Request EcoHealth Alliance extend the proposal validity through 150 days from the date of this letter.
- **Please provide a copy of the most recent OMB Circular A-133 Audit Report.**
- In accordance with Office of the Secretary of Defense (OSD) Memo dated November 29, 2012. “Enterprise-wide Contractor Manpower Reporting Application” (p. 3). DTRA will include an H Clause: “The contractor shall report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the [NAMED COMPONENT] via a secure data collection site. The contractor is required to completely fill in all required data fields using the following web address: <http://www.ecmra.mil/> Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year, beginning with 2013. Contractors may direct questions to the help desk at help desk at: [http://www.ecmra.mil.](http://www.ecmra.mil/)”
- This is a reminder that any and all press releases must be approved by the contracting officer. It is advised not to release any information concerning this effort until a contract is signed and awarded.

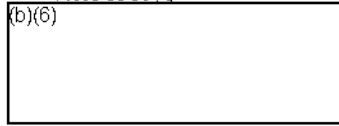
Based on your response to these items, and further technical and cost analysis, we may require more information or revisions at a later date. Please note this is not an opportunity to revise other portions of your proposal. Negotiations will begin after receipt and review of information provided in response to this letter.

It is DTRA’s intent to negotiate and award the contract so that there is continuity between the new effort and the Period of Performance expiration of the current contract HDTRA1-13-C-0029. In order to expedite the negotiation and award process, we request you send all information listed above as soon as it is available. All responses to this request are due by COB August 25, 2014 and should be submitted to (b)(6) The subject line of the e-mail should include your organization’s name.

Should you have any questions, don't hesitate to contact me.

Sincerely,

(b)(6)



Contract Specialist

Attachments:

1. Cost Breakout Template
2. Contract Data Requirements List, DD Form 1423 – 11 Pages
3. DFARS FY14 Provision Clauses

## COST SUMMARY

Cost Element	Base Period			Option I			Option II			Option III			Option IV		
	Rate	Quantity	Total Amount	Rate	Quantity	Total Amount	Rate	Quantity	Total Amount	Rate	Quantity	Total Amount	Rate	Quantity	Total Amount
	\$/Hrly	= Hrs		\$/Hrly	= Hrs		\$/Hrly	= Hrs		\$/Hrly	= Hrs		\$/Hrly	= Hrs	
Labor Category & Title	\$	XX	\$	\$	XX	\$	\$	XX	\$	\$	XX	\$	\$	XX	\$
Example: "Material Scientist"	\$	XX	\$	\$	XX	\$	\$	XX	\$	\$	XX	\$	\$	XX	\$
	\$	XX	\$	\$	XX	\$	\$	XX	\$	\$	XX	\$	\$	XX	\$
	\$	XX	\$	\$	XX	\$	\$	XX	\$	\$	XX	\$	\$	XX	\$
	\$	XX	\$	\$	XX	\$	\$	XX	\$	\$	XX	\$	\$	XX	\$
	\$	XX	\$	\$	XX	\$	\$	XX	\$	\$	XX	\$	\$	XX	\$
<b>TOTAL DIRECT LABOR</b>		XX	\$		XX	\$		XX	\$		XX	\$		XX	\$
LABOR BURDEN	Rate	Lbr Burden Applied to	Total Amount	Rate	Lbr Burden Applied to	Total Amount	Rate	Lbr Burden Applied to	Total Amount	Rate	Lbr Burden Applied to	Total Amount	Rate	Lbr Burden Applied to	Total Amount
FRINGE BENEFITS	%	\$	\$	%	\$	\$	%	\$	\$	%	\$	\$	%	\$	\$
OVERHEAD	%	\$	\$	%	\$	\$	%	\$	\$	%	\$	\$	%	\$	\$
<b>TOTAL LABOR BURDEN</b>			\$			\$			\$			\$			\$
TOTAL MATERIAL EQUIPMENT			\$			\$			\$			\$			\$
TOTAL TRAVEL COSTS			\$			\$			\$			\$			\$
TOTAL ALL OTHER DIRECT COSTS			\$			\$			\$			\$			\$
TOTAL SUBCONTRACTOR COSTS			\$			\$			\$			\$			\$
<b>TOTAL DIRECT COSTS</b>			\$			\$			\$			\$			\$
G&A, F&A, FCCM	Rate	Rate Applied to	Total Amount	Rate	Rate Applied to	Total Amount	Rate	Rate Applied to	Total Amount	Rate	Rate Applied to	Total Amount	Rate	Rate Applied to	Total Amount
G&A OR F&A	%	\$	\$	%	\$	\$	%	\$	\$	%	\$	\$	%	\$	\$
FACILITIES CAPITAL COST OF MONEY (FCCM) (Attach Completed DD Form 1481)			\$			\$			\$			\$			\$
<b>TOTAL COSTS</b>			\$			\$			\$			\$			\$
FEE PROFIT	Fee Rate	Fee Rate Applied to: (total cost, excluding travel & FCCM)	Total Amount	Fee Rate	Fee Rate Applied to: (total cost, excluding travel & FCCM)	Total Amount	Fee Rate	Fee Rate Applied to: (total cost, excluding travel & FCCM)	Total Amount	Fee Rate	Fee Rate Applied to: (total cost, excluding travel & FCCM)	Total Amount	Fee Rate	Fee Rate Applied to: (total cost, excluding travel & FCCM)	Total Amount
FEE OR PROFIT	%	\$	\$	%	\$	\$	%	\$	\$	%	\$	\$	%	\$	\$
<b>TOTAL COST PLUS FEE</b>			\$			\$			\$			\$			\$

### MATERIALS/EQUIPMENT

Item	Manufacturer	Part Number	Unit Price	Quantity	Total Price	Contract Period	Additional Information
Example: Fiberscope	Company A	1000001	\$10,000	2	\$20,000	Base Period	List how item pricing was estimated (competitive quotes, established price lists, etc). If competitive quotes were obtained, provide a copy of those quotes. Provide website link listing item and price if pricing was established based on website pricing.
Example: Consumables	N/A	N/A	N/A	N/A	\$15,000	Option 1	

Note:

Consumables may be listed as a lump sum if no individual item is over \$5,000. For those items that are over \$5,000, list separately from the rest of consumable pricing.

# TRAVEL

<b>Trip #:</b>		<b>Location:</b>				<b>Contract Period</b>	
<b>Purpose:</b>						(Select Period)	
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
						\$0.00	

*Itemized Expenses for "Other"*

<b>Description</b>	<b>Amount</b>
<b>Total:</b>	\$0.00

<b>Trip #:</b>		<b>Location:</b>				<b>Contract Period</b>	
<b>Purpose:</b>						(Select Period)	
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
						\$0.00	

*Itemized Expenses for "Other"*

<b>Description</b>	<b>Amount</b>
<b>Total:</b>	\$0.00

<b>Trip #:</b>		<b>Location:</b>				<b>Contract Period</b>	
<b>Purpose:</b>						(Select Period)	
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
						\$0.00	

*Itemized Expenses for "Other"*

<b>Description</b>	<b>Amount</b>
<b>Total:</b>	\$0.00

**OTHER DIRECT COSTS**

Description	Total Price	Contract Period	Additional Information
Example: Laboratory Usage	S20,000	Base Period	List detailed description and additional information stating the need for the requirement and the method with which the total cost was calculated. Example: Twenty hours of laboratory usage is required to complete Task 4 and was calculated at a rate of S200 per hour. Laboratory hours were estimated based on experience with previous efforts of a similar size and scope.

## SUBCONTRACTORS

Company Name	Total Price	Contract Period	Additional Information
Company A	\$100,000	Base Period	Provide a description of the role of the subcontractor for the effort and how subcontractor pricing was obtained. If competitive procedures were utilized, provide evidence of that competition for comparison.
Company B	\$200,000	Base Period	
Company A	\$50,000	Option I	

**252.203-7005 Representation Relating to Compensation of Former DoD Officials.**

REPRESENTATION RELATING TO COMPENSATION OF FORMER DOD OFFICIALS  
(NOV 2011)

(a) *Definition.* “Covered DoD official” is defined in the clause at 252.203-7000, Requirements Relating to Compensation of Former DoD Officials.

(b) By submission of this offer, the offeror represents, to the best of its knowledge and belief, that all covered DoD officials employed by or otherwise receiving compensation from the offeror, and who are expected to undertake activities on behalf of the offeror for any resulting contract, are presently in compliance with all post-employment restrictions covered by 18 U.S.C. 207, 41 U.S.C. 2101-2107, and 5 CFR parts 2637 and 2641, including Federal Acquisition Regulation 3.104-2.

(End of provision)

**52.209-7 – Information Regarding Responsibility Matters.**

As prescribed in 9.104-7(b), insert the following provision:

**Information Regarding Responsibility Matters (Feb 2012)**

(a) *Definitions.* As used in this provision—

“Administrative proceeding” means a non-judicial process that is adjudicatory in nature in order to make a determination of fault or liability (*e.g.*, Securities and Exchange Commission Administrative Proceedings, Civilian Board of Contract Appeals Proceedings, and Armed Services Board of Contract Appeals Proceedings). This includes administrative proceeding at the Federal and State level but only in connection with performance of a Federal contract or grant. It does not include agency actions such as contract audits, site visits, corrective plans, or inspection of deliverables.

“Federal contracts and grants with total value greater than \$10,000,000” means

- (1) The total value of all current, active contracts and grants, including all priced options; and
- (2) The total value of all current, active orders including all priced options under indefinite-delivery, indefinite-quantity, 8(a), or requirements contracts (including task and delivery and multiple-award Schedules).

“Principal” means an officer, director, owner, partner, or a person having primary management or supervisory responsibilities within a business entity (*e.g.*, general manager; plant manager; head of a division or business segment; and similar positions).

(b) The offeror  has  does not have current active Federal contracts and grants with total value greater than \$10,000,000.

(c) If the offeror checked “has” in paragraph (b) of this provision, the offeror represents, by submission of this offer, that the information it has entered in the Federal Awardee Performance and Integrity Information System (FAPIIS) is current, accurate, and complete as of the date of submission of this offer with regard to the following information:

(1) Whether the offeror, and/or any of its principals, has or has not, within the last five years, in connection with the award to or performance by the offeror of a Federal contract or grant, been the subject of a proceeding, at the Federal or State level that resulted in any of the following dispositions:

(i) In a criminal proceeding, a conviction.

(ii) In a civil proceeding, a finding of fault and liability that results in the payment of a monetary fine, penalty, reimbursement, restitution, or damages of \$5,000 or more.

(iii) In an administrative proceeding, a finding of fault and liability that results in—

(A) The payment of a monetary fine or penalty of \$5,000 or more; or

(B) The payment of a reimbursement, restitution, or damages in excess of \$100,000.

(iv) In a criminal, civil, or administrative proceeding, a disposition of the matter by consent or compromise with an acknowledgment of fault by the Contractor if the proceeding could have led to any of the outcomes specified in paragraphs (c)(1)(i), (c)(1)(ii), or (c)(1)(iii) of this provision.

(2) If the offeror has been involved in the last five years in any of the occurrences listed in (c)(1) of this provision, whether the offeror has provided the requested information with regard to each occurrence.

(d) The offeror shall post the information in paragraphs (c)(1)(i) through (c)(1)(iv) of this provision in FAPIIS as required through maintaining an active registration in the Central Contractor Registration database via <https://www.acquisition.gov> (see 52.204-7).

(End of provision)

Received and reviewed by:

---

Signature

---

Printed Name and Title

---

Date

# CONTRACT DATA REQUIREMENTS LIST

*Form Approved*  
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO		B. EXHIBIT <b>A</b>		C. CATEGORY: TDP _____ TM _____ OTHER <u>Management</u>						
D. SYSTEM/ITEM Global Rapid Identification Tool Set (GRITS)			E. CONTRACT/PR NO. TBD		F. CONTRACTOR EcoHealth Alliance					
1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Project Spend Plan			3. SUBTITLE						
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81468			5. CONTRACT REFERENCE N/A		6. REQUIRING OFFICE DTRA-J9CBA					
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED N/A	10. FREQUENCY See Block 16	12. DATE OF FIRST SUBMISSION See Block 16		14. DISTRIBUTION					
8. APP CODE A		11. AS OF DATE See Block 16	13. DATE OF SUBSEQUENT SUBMISSION See Block 16		a. ADDRESSEE		b. COPIES			
16. REMARKS  1. Submission shall be furnished electronically via e-mail in contractor format 2. See attached addressee sheet for a listing of e-mail and postal addresses for the individuals listed in Block 14. 3. First submission within 30 days of contract award. Updates to be made annually.					Draft		Final			
							Reg	Repro		
					DTRA-J9CBA		0	1	0	
DTRA-J4CRC		0	1	0						
15. TOTAL					0	2	0			
G. PREPARED BY  (b)(6) S&T Manager				H. DATE  (b)(6)		I. APPROVED BY  (b)(6) S&T Manager		J. DATE		

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

# CONTRACT DATA REQUIREMENTS LIST

*Form Approved*  
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO		B. EXHIBIT <b>C</b>		C. CATEGORY: TDP _____ TM _____ OTHER <u>Management</u>	
D. SYSTEM/ITEM Global Rapid Identification Tool Set (GRITS)		E. CONTRACT/PR NO. TBD		F. CONTRACTOR EcoHealth Alliance	
1. DATA ITEM NO. A002	2. TITLE OF DATA ITEM Meeting/Teleconference Minutes		3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81505		5. CONTRACT REFERENCE N/A		6. REQUIRING OFFICE DTRA-J9CBA	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY See Block 16	12. DATE OF FIRST SUBMISSION See Block 16	14. DISTRIBUTION	
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A	a. ADDRESSEE	b. COPIES
16. REMARKS  BLOCK 10: frequency depends on number of meetings and Teleconferences  BLOCK 12: The contractor shall provide meeting minutes within 7 days after all meetings/teleconferences.  Microsoft Word is acceptable.  The minutes shall be provided via email in Microsoft Office compatible format to the Contracting Officer's Representative (COR).					
G. PREPARED BY  (b)(6) S&T Manager		H. DATE		I. APPROVED BY  (b)(6) S&T Manager	
				J. DATE	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

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A. CONTRACT LINE ITEM NO N/A		B. EXHIBIT E		C. CATEGORY: TDP _____ TM _____ OTHER <u>Management</u>				
D. SYSTEM/ITEM Global Rapid Identification Tool Set (GRITS)			E. CONTRACT/PR NO. TBD		F. CONTRACTOR EcoHealth Alliance			
1. DATA ITEM NO. A003	2. TITLE OF DATA ITEM Monthly Progress Report			3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-80555A			5. CONTRACT REFERENCE N/A		6. REQUIRING OFFICE DTRA-J9CBA			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY Monthly	12. DATE OF FIRST SUBMISSION 5 calendar days after month's end		14. DISTRIBUTION			
8. APP CODE A	11. AS OF DATE Contract Award	13. DATE OF SUBSEQUENT SUBMISSION 5 calendar days after end of each month	a. ADDRESSEE		b. COPIES			
					Draft	Final		
					Reg	Repro		
16. REMARKS  The Monthly Progress Report shall highlight the technical progress made during the previous month, as well as provide quantitative estimates of cost, performance, and schedule, by month, for the quarter.  BLOCK 4: Paragraphs, subparagraphs, and line items described in DI-MGMT-80555A may be omitted or edited for appropriateness with prior approval from the Contracting Office. Please provide final recommended content and format to the contracting office with the response to the fact finding letter.  The Monthly Progress Reports will be used to update to the Project Plan (CDRL A002)  Contractor format will be used.  Monthly Progress Reports shall be provided via email in Microsoft Office compatible format to the Contracting Officer's Representative (COR).  Contractor format is acceptable.					DTRA-J9CBA	0	1	0
					DTRA-J4CRC	0	1	0
					15 TOTAL	0	2	0
G. PREPARED BY  (b)(6) S&T Manager			H. DATE		I. APPROVED BY  (b)(6) S&T Manager		J. DATE	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

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OMB No. 0704-0188*

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A. CONTRACT LINE ITEM NO.		B. EXHIBIT F	C. CATEGORY: TDP _____ TM _____ OTHER <u>Management</u>			
D. SYSTEM/ITEM Global Rapid Identification Tool Set (GRITS)		E. CONTRACT/PR NO. TBD		F. CONTRACTOR EcoHealth Alliance		
1. DATA ITEM NO. A004	2. TITLE OF DATA ITEM Monthly Cost Status Report		3. SUBTITLE Monthly Financial Status Report			
4. AUTHORITY (Data Acquisition Document No.) DI-FNCL-80331A		5. CONTRACT REFERENCE NA		6. REQUIRING OFFICE DTRA-J9CBA		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED NA	10. FREQUENCY Monthly	12. DATE OF FIRST SUBMISSION 5 calendar days after month's end			
8. APP CODE A		11. AS OF DATE Contract Award	13. DATE OF SUBSEQUENT SUBMISSION 5 calendar days after month's end			
16. REMARKS  1. Submission shall be furnished electronically via e-mail in contractor format 2. See attached addressee sheet for a listing of e-mail and postal addresses for the individuals listed in Block 14. 3. Minimum elements to be addressed: a) total funding to date b) Cumulative expenditures to date for 1) Labor 2) Materials and Equipment 3) Travel 4) Other Direct costs 5) Indirect costs 6) Total			14. DISTRIBUTION			
			a. ADDRESSEE		b. COPIES	
				Draft	Final	
					Reg	Repro
			DTRA-J9CBA	0	1	0
			DTRA-J4CRC	0	1	0
			15 TOTAL	0	2	0
G PREPARED BY  (b)(6) S&T Manager		H. DATE	I. APPROVED BY  (b)(6) S&T Manager		J. DATE	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

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OMB No. 0704-0188*

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A. CONTRACT LINE ITEM NO. N/A		B. EXHIBIT I		C. CATEGORY: TDP _____ TM _____ OTHER <u>Management</u>		
D. SYSTEM/ITEM Global Rapid Identification Tool Set (GRITS)		E. CONTRACT/PR NO. TBD		F. CONTRACTOR EcoHealth Alliance		
1. DATA ITEM NO. A005	2. TITLE OF DATA ITEM Final Report		3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-80555A		5. CONTRACT REFERENCE Statement of Work		6. REQUIRING OFFICE DTRA-J9CBA		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY One time	12. DATE OF FIRST SUBMISSION See Block 16	14. DISTRIBUTION		
8. APP CODE A	11. AS OF DATE See Block 16	13. DATE OF SUBSEQUENT SUBMISSION N/A	a. ADDRESSEE	Draft	Final	
16. REMARKS  BLOCK 10: The final report takes the place of the annual report for the final Option Period.  BLOCK 12: End of Period of Performance (PoP), per the below schedule. <ul style="list-style-type: none"> <li>The Contractor shall submit a Draft Final Report by the 60<sup>th</sup> calendar day prior to the end of the contract PoP.</li> <li>DTRA shall provide comments to the Contractor by the 30<sup>th</sup> calendar day following receipt of the Contractor's Draft Final Report.</li> <li>The Contractor shall submit the Final Report on the 30<sup>th</sup> Calendar day after receipt of DTRA's comments to the draft.</li> </ul> <p>The final report will be delivered to DTIC as well as DTRA.</p> <p>BLOCK 4: Paragraphs, subparagraphs, and line items described in DI-MGMT-80555A may be omitted or edited for appropriateness with prior approval from the Contracting Office. Please provide final recommended content and format to the contracting office with the response to the fact finding letter.</p> <p>A Final Report shall be prepared at the end of the effort. A final report will be provided whether any or all of the contract options are exercised. This report takes the place of the last monthly report due. (A Financial report is still required.) The report shall be in contractor format and narrate a complete summary of the contract execution and associated results obtained. The narration will include outstanding problems and their potential solution, and problems solved during the course of the year, along with the solution to the solved problems. The report shall demonstrate how the Technology Readiness Level (TRL) has been advanced. The report shall be in a form compatible with DTIC requirements for publication.</p> <p>Do not include performers and providers data in the publishable report.</p>			b. COPIES	Reg	Repro	
			DTRA-J9CBA	0	1	0
			DTRA-J4CRC	0	1	0
			DTRA-DTRIAC	0	1	0
15. TOTAL			0	3	0	
G. PREPARED BY  (b)(6) S&T Manager		H. DATE		I. APPROVED BY  (b)(6) S&T Manager		
				J. DATE		

# CONTRACT DATA REQUIREMENTS LIST

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A. CONTRACT LINE ITEM NO. N/A		B. EXHIBIT K		C. CATEGORY: TDP _____ TM _____ OTHER <u>Management</u>				
D. SYSTEM/ITEM Global Rapid Identification Tool Set (GRITS)			E. CONTRACT/PR NO. TBD		F. CONTRACTOR EcoHealth Alliance			
1. DATA ITEM NO. A006		2. TITLE OF DATA ITEM Master Government Property—Physical Inventory			3. SUBTITLE GFP, GFE, GFM, and Contractor Acquired Property			
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-80269			5. CONTRACT REFERENCE Statement of Work		6. REQUIRING OFFICE DTRA-J9CBA			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY See Block 16	12. DATE OF FIRST SUBMISSION See Block 16		14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE See Block 16	13. DATE OF SUBSEQUENT SUBMISSION See Block 16		a. ADDRESSEE	Draft	b. COPIES	
								Reg
16. REMARKS 16. REMARKS BLOCK 10: Annually BLOCK 11: Award of Contract/Task Order BLOCK 12: 15 working days after the end of the first quarter of performance BLOCK 13: Annually During the performance of the Contract, the Contractor may purchase material or equipment using government funds (Contractor Acquired Property [CAP]) if approved by the Procurement Contracting Officer (PCO). The Contractor shall perform, record, and disclose physical inventory results of all CAP in the Contractor's possession via the attached Government Furnished Property forms. These forms will be supplied to the contractor electronically by the PCO, via the Contract Specialist, as described below: 1) Scheduled Government Furnished Property Form: The PCO will supply this form electronically to the Contractor prior to contract award. For any equipment the Contractor proposes to purchase, the Contractor shall fill out the CDRL A006 Link A (Scheduled Government Furnished Property Form) prior to contract award. The contractor shall return it to the PCO electronically. The form will become an attachment to the award. 2) Requisitioned Government Furnished Property Form: The PCO will supply this form electronically to the Contractor after contract award. As the equipment listed on the Scheduled Government Furnished Property Form is purchased, the Contractor shall fill out the CDRL A006 Link B (Requisitioned Government Furnished Property Form), and shall return it to the PCO electronically.  Links A. CDRL A006 Link A, Scheduled Government Furnished Property Form. <a href="http://www.acq.osd.mil/dpap/pdi/pc/docs/ScheduledGovernmentFurnishedPropertyFORM.pdf">http://www.acq.osd.mil/dpap/pdi/pc/docs/ScheduledGovernmentFurnishedPropertyFORM.pdf</a> B. CDRL A006 Link B, Requisitioned Government Furnished Property Form <a href="http://www.acq.osd.mil/dpap/pdi/pc/docs/RequisitionedGovernmentFurnishedPropertyFORM.pdf">http://www.acq.osd.mil/dpap/pdi/pc/docs/RequisitionedGovernmentFurnishedPropertyFORM.pdf</a>					DTRA-J9CBA	0	1	0
					DTRA/J4LP	0	1	0
					DTRA/J8CKF	0	1	0
					DTRA-J4CRC	0	1	0
					15. TOTAL	0	4	0
G. PREPARED BY  (b)(6) S&T Manager			H. DATE		I. APPROVED BY  (b)(6) S&T Manager		J. DATE	

Reset Form

# Scheduled Government Furnished Property

Save

Attachment Number

Contract Number

DoD Enterprise Identifier  - Year  - Procurement Instrument Type Code  - Serialized Identifier  - Order Number

OR

Non-DoD Number

### Serialized Items List

Add	Copy	Item#	Descr	CAGE	Marking Instr	Model #	NSN	Nomen	Part #	Part or Ident #	Qty	Serial #	Type Designator	Unique Item #	Unit Acq Cost	Unit of Measure	Use As Is	
X	#																	<input type="text" value=""/>

### Non-Serialized Items List

Add	Copy	Item#	Descr	CAGE	Marking Instr	Model #	NSN	Nomen	Part #	Part or Ident #	Qty	Type Designator	Unit Acq Cost	Unit of Measure	Use As Is			
X	#																	<input type="text" value=""/>

**Guidelines for submitting this form**

You need to have Adobe Reader or Adobe Acrobat 7.0.5 (or later) installed on your computer to submit this form. If required, download the latest version of Adobe Reader from this URL.

Some additional points to keep in mind:

- ✓ You will be able to submit the form only after you've filled in all the mandatory fields.
- ✓ Some fields in this form display a tool-tip when you hover your mouse pointer over them. Hover over the Enterprise Identifier field to see an example. For fields within the table, hover over the first row fields for tool-tips.

# Requisitioned Government Furnished Property

Save

Attachment Number

Contract Number

DoD Enterprise Identifier Year Procurement Instrument Type Code Serialized Identifier Order Number

-  -  -  -

OR

Non-DoD Number

Non-Reimbursable List												
Add	Item#	Descr	CAGE	Marking Instr	NSN	Nomen	Part or Ident #	Qty	Type Designator	Unit Acq Cost	Unit of Measure	Use As Is
X												<input type="checkbox"/>
X												<input type="checkbox"/>
X												<input type="checkbox"/>
X												<input type="checkbox"/>

Reimbursable List											
Add	Item#	Descr	S Limit Authorized	Marking Instr	NSN	Nomen	Part or Ident #	Qty	Unit of Measure	Use As Is	
X										<input type="checkbox"/>	
X										<input type="checkbox"/>	
X										<input type="checkbox"/>	
X										<input type="checkbox"/>	

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# CONTRACT DATA REQUIREMENTS LIST

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A. CONTRACT LINE ITEM NO. N/A				B. EXHIBIT L		C. CATEGORY: TDP _____ TM _____ OTHER <u>Management</u>				
D. SYSTEM/ITEM Global Rapid Identification Tool Set (GRITS)			E. CONTRACT/PR NO. TBD			F. CONTRACTOR EcoHealth Alliance				
1. DATA ITEM NO. A007		2. TITLE OF DATA ITEM Patents - Reporting of Subject Inventions				3. SUBTITLE N/A				
4. AUTHORITY (Data Acquisition Document No.) N/A				5. CONTRACT REFERENCE N/A			6. REQUIRING OFFICE DTRA-J9CBA			
7. DD 250 REQ		9. DIST STATEMENT REQUIRED		10. FREQUENCY See Block 16		12. DATE OF FIRST SUBMISSION See Block 16		14. DISTRIBUTION		
8. APP CODE		11. AS OF DATE See Block 16		13. DATE OF SUBSEQUENT SUBMISSION See Block 16		a. ADDRESSEE		b. COPIES		
								Draft	Final	
							Reg	Repro		
16. REMARKS 16. REMARKS  Invention Disclosures/Patents Subject Inventions Disclosures and Reports in accordance with either DFARS 252.227-7039 (Patents Reporting of Subject Inventions)/FAR 52.227-11 (Patent Rights – Ownership by the Contractor) or DFARS 252.227-7038 (Patent Rights – Ownership by the Contractor) (Large Business) : (1) Provide copies of invention disclosures for subject inventions within 2 months of an employee inventor reporting a subject invention to the Contractor (or, for large businesses, within 6 months after the Contractor first becomes aware that a subject invention has been made, whichever is earlier); (2) submit DD Form 882 every 12 months from the date of the contract award, even if no inventions are made during that period; (3) submit DD Form 882 in a final report, even if no inventions are made during the contract term; (4) submit a written statement of Contractor's election whether or not to retain ownership in a subject invention within 2 years of providing the invention disclosure, or, if any publication, on sale or public use of the subject invention has initiated the 1-year statutory period during which valid patent protection can be obtained in the United States, not later than 60 days prior to the end of the statutory period; (5) provide a copy of either a filed provisional or a filed nonprovisional patent application on an elected subject invention within 1 year after the election of title of the subject invention, or within the 1-year statutory period if it has been initiated, with an acknowledgement of government rights in the specification as identified at 37 C.F.R. § 401.14(f)(4), (6) provide a copy of a filed nonprovisional patent application on an elected subject invention within 10 months after filing the provisional patent application on the elected subject invention; and (7) provide for every subject invention upon which a patent application has been filed or a patent issued, a nonexclusive, nontransferable, irrevocable, paid-up license to the Government to practice, or have practiced for or on its behalf, the subject invention throughout the world, and an irrevocable power to inspect and make copies of the patent application file.						DTRA-J9CBA		0	1	0
						DTRA-J4CRC		0	1	0
						15 TOTAL		0	2	0
G. PREPARED BY  (b)(6) S&T Manager			H. DATE			I. APPROVED BY  (b)(6) S&T Manager			J. DATE	

# CONTRACT DATA REQUIREMENTS LIST

*Form Approved*  
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/Pr No. listed in Block E.

A. CONTRACT LINE ITEM NO. N/A		B. EXHIBIT K		C. CATEGORY: TDP _____ TM _____ OTHER <u>Software</u>		
D. SYSTEM/ITEM Global Rapid Identification Tool Set (GRITS)		E. CONTRACT/PR NO. TBD		F. CONTRACTOR EcoHealth Alliance		
1. DATA ITEM NO. A008	2. TITLE OF DATA ITEM Computer Software Product		3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80711A		5. CONTRACT REFERENCE Statement of Work		6. REQUIRING OFFICE DTRA-J9CBA		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY See Block 16	12. DATE OF FIRST SUBMISSION See Block 16	14. DISTRIBUTION		
8. APP CODE A	11. AS OF DATE See Block 16	13. DATE OF SUBSEQUENT SUBMISSION See Block 16	a. ADDRESSEE	Draft	Final	
16. REMARKS  Unless otherwise specified, all deliverables listed are due at the end of the contract.  The contractor will deliver software that can interface with the Biosurveillance Ecosystem (BSVE). The software deliverables will be the following:  Within 12 months of contract award: <ul style="list-style-type: none"> <li>• Connect GRITS Girder database to the BSVE</li> <li>• Develop recommendation and decision support capabilities</li> <li>• Connect GRITS diagnostic and text-mining APIs to the BSVE</li> <li>• Prototype near-realtime processing</li> <li>• Build BSVE interface to GRITS with the SDK</li> <li>• Connect GRITS expert network (GRITS.net) to the BSVE</li> <li>• Test diagnostic dashboard with expert communities</li> </ul> Within 24 months of contract award: <ul style="list-style-type: none"> <li>• Enhance the expert annotation interface</li> <li>• Build mechanisms to crowdsource annotations</li> <li>• Incorporate disease network graphs to assist diagnostics</li> <li>• Support diagnostic algorithm development with dashboard</li> <li>• Expand diagnostic capability to arbitrary data feeds</li> <li>• Connect GRITS to GRID</li> <li>• Update diagnostic model in near-realtime</li> <li>• Use text mining to extend network graphs/ontologies</li> </ul> Within 36 months of contract award: <ul style="list-style-type: none"> <li>• Crowdsource improvements to the GRITS media diagnostic tool</li> <li>• Connect GRID's collective intelligence editor to the BSVE</li> <li>• Connect GRITS diagnostic data filtering to the BSVE</li> <li>• Enrich diagnostic dashboard with dynamic visualizations</li> <li>• Generate disease summary reports from diagnostics</li> <li>• Connect EcoHD to GRITS recommendations</li> <li>• Create a webcrawler for expanding coverage of disease reports</li> <li>• Forecast disease emergence</li> </ul>			b. COPIES	Reg	Repro	
			DTRA-J9CBA	0	1	0
			DTRA/J4LP	0	1	0
			DTRA/J8CKF DTRA-J4CRC	0 0	1 1	0 0
			15. TOTAL	0	4	0
G. PREPARED BY  (b)(6) S&T Manager		H. DATE		I. APPROVED BY  (b)(6) S&T Manager		
				J. DATE		

# CONTRACT DATA REQUIREMENTS LIST

*Form Approved*  
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/Pr No. listed in Block E.

A. CONTRACT LINE ITEM NO N/A		B. EXHIBIT K		C. CATEGORY: TDP _____ TM _____ OTHER <u>Reports</u>				
D. SYSTEM/ITEM Global Rapid Identification Tool Set (GRITS)			E. CONTRACT/PR NO. TBD		F. CONTRACTOR EcoHealth Alliance			
1. DATA ITEM NO. A009		2. TITLE OF DATA ITEM Scientific and Technical Reports			3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80711A			5. CONTRACT REFERENCE Statement of Work		6. REQUIRING OFFICE DTRA-J9CBA			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY See Block 16	12. DATE OF FIRST SUBMISSION See Block 16		14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE See Block 16	13. DATE OF SUBSEQUENT SUBMISSION See Block 16		a. ADDRESSEE	b. COPIES		
						Draft	Final	
						Reg	Repro	
<p>Blk 4-5: Per DID referenced elements, contractor format is acceptable. Report shall detail all work performed under this effort, including the results of analysis, and appropriate conclusions and/or recommendations. Dataset compatible with Microsoft Excel or contractor recommended database application.</p> <p>A final technical report is required by the end of the base period. The report should include the following elements:</p> <ol style="list-style-type: none"> <li>1) A description of the research and development processes used to arrive at the results of the study</li> <li>2) A detailed compilation of the results generated</li> <li>3) A description of the performance characteristics of the developed software and an analysis of its likely utility for additional development and deployment</li> <li>4) Recommendations for the next stages of development</li> <li>5) Description of what data are required to feed the delivered algorithms and an approach for the Government to maintain access to those data feeds.</li> </ol> <p>Additionally, the contractor will deliver:</p> <ul style="list-style-type: none"> <li>• Feedback on diagnostic dashboard (Updates provided each 12 months)</li> <li>• Crowdsourced labels and annotations (36 months after contract award)</li> <li>• EcoIID data for drivers of infectious disease (36 months after contract award)</li> <li>• Documentation on near-realtime architecture (24 months after contract award)</li> <li>• Documentation for GRITS APIs (Updates provided each 12 months)</li> </ul> <p>Blk 14: Submission by electronic media is preferred; E-mail, or CD ROM in a current version of Microsoft or Adobe products readable by the COR.</p>					0	1	0	
					DTRA/J4LP	0	1	0
					DTRA/J8CKF DTRA-J4CRC	0 0	1 1	0 0
					15 TOTAL	0	4	0
G. PREPARED BY  (b)(6) S&T Manager			H. DATE		I. APPROVED BY  (b)(6) &T Manager		J. DATE	

**From:** (b)(6)  
**To:** Andrew Huff; "Karissa Whitino"  
**Cc:** (b)(6); "Vasken.Kolancian@dcma.mil"; "Janette.fasano@sba.gov"; DTRA Ft Belvoir J4-8C Mailbox BFKF SPS Contracts; DTRA Ft Belvoir J9 List J9CB CB Contract Awards; (b)(6)  
**Subject:** Incremental Funding Mod - HDTRA1-15-C-0041-P00001  
**Date:** Monday, April 20, 2015 3:29:00 PM  
**Attachments:** HDTRA1-15-C-0041-P00001.pdf

Base year is now fully funded.

(b)(6)

Senior Contract Specialist (Contractor)

Contracts - Research & Development Division (J4CRC)  
Defense Threat Reduction Agency

Phone (b)(6)

\*\*NEW Email\*\* (b)(6)

Please take note of my new email address. The legacy address (brian.bishop\_contractor@dtra.mil) will be deleted shortly.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				I. CONTRACT ID CODE <b>S</b>	PAGE OF PAGES <b>1   3</b>	
2. AMENDMENT/MODIFICATION NO. <b>P00001</b>		3. EFFECTIVE DATE <b>20-Apr-2015</b>	4. REQUISITION/PURCHASE REQ. NO. <b>J9CBA14212</b>		5. PROJECT NO.(If applicable)	
6. ISSUED BY DEFENSE THREAT REDUCTION AGENCY/J4C 8725 JOHN J. KINGMAN ROAD, MSC 8201 FORT BELVOIR VA 22060-8201		CODE <b>HDTRA1</b>	7. ADMINISTERED BY (If other than item 6) DCMA GARDEN CITY 605 STEWART AVENUE GARDEN CITY NY 11530-4761		CODE <b>S3309A</b>	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) ECOHEALTH ALLIANCE INC. MR. ALEKSEI CHMURA 460 W 34TH ST 17TH FL NEW YORK NY 10001-2320				9A. AMENDMENT OF SOLICITATION NO.		
				9B. DATED (SEE ITEM 11)		
				<b>X</b>	10A. MOD. OF CONTRACT/ORDER NO. <b>HDTRA1-15-C-0041</b>	
				<b>X</b>	10B. DATED (SEE ITEM 13) <b>09-Apr-2015</b>	
CODE <b>3MMU3</b>		FACILITY CODE				
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>						
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended.						
Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.						
12. ACCOUNTING AND APPROPRIATION DATA (If required) <b>See Schedule</b>						
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>						
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).						
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
<b>X</b> D. OTHER (Specify type of modification and authority) <b>52.232-22 Limitation of Funds</b>						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.						
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: <b>bishopb151339</b> The purpose of this modification is to:  1. Add incremental funding to CLIN 0001 in the amount of \$99,550.79 under Sub-Clin 000101. 2. Update clauses 252.232-9000 and 252.232-9001.						
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.						
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
			(b)(6) CONTRACTING OFFICER			
			TEL (b)(6)	EMAIL (b)(6)		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		
				(b)(6)		
(Signature of person authorized to sign)				BY (Signature of Contracting Officer)		
				20-Apr-2015		

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

SECTION B - SUPPLIES OR SERVICES AND PRICES

SUBCLIN 000101 is added as follows:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000101	IF Funding COST FOB: Destination		Lot		\$0.00
				ESTIMATED COST	\$0.00
	ACRN AB CIN: J9CBA16659000101				\$99,550.79

SECTION E - INSPECTION AND ACCEPTANCE

The following Acceptance/Inspection Schedule was added for SUBCLIN 000101:

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
N/A	N/A	N/A	Government

SECTION G - CONTRACT ADMINISTRATION DATA

Accounting and Appropriation

Summary for the Payment Office

As a result of this modification, the total funded amount for this document was increased by \$99,550.79 from \$2,117,486.21 to \$2,217,037.00.

SUBCLIN 000101:

Funding on SUBCLIN 000101 is initiated as follows:

ACRN: AB

CIN: J9CBA16659000101

Acctng Data: 044315 097 0400 000 N 20152016 D 2620 0602384BP\_CB\_CBA\_RC  
1516\_0400\_2620\_TM2DN DTRA 255

Increase: \$99,550.79

Total: \$99,550.79

The following have been modified:

252.232-9000 CONTRACT FUNDING PROFILE (OCT 1998)

Subject to FAR Clause 52.232-22, Limitation of Funds, the amount of \$2,217,037.00 is obligated for work to be performed during the period beginning with contract award and continuing through the end of the base period. Additional incremental funding planned, but not obligated, is: \$0.00.

(End of clause)

252.232-9001 PRICES/COST

a. Subject to the provisions of the Clauses of this Contract entitled LIMITATION OF FUNDS, ALLOWABLE COST AND PAYMENT, and FIXED FEE, the total allowable cost under this Contract shall not exceed \$\_\_\_\_\_ A\_\_\_\_\_, which is the total estimated cost of the Contractor's performance hereunder, exclusive of fixed fee. In addition, the Government shall pay the Contractor a fixed fee of \$\_\_\_\_\_ B\_\_\_\_\_ for the performance of this Contract. It is understood and agreed that the Government's obligation is limited to INCREMENTAL FUNDING in the amount of \$\_\_\_\_\_ C\_\_\_\_\_. Within this amount (\$\_\_\_\_\_ C\_\_\_\_\_), the fixed fee shall bear the same relationship to the total fixed fee, as the costs incurred bear to the total estimated cost.

b. Interim payment vouchers may be submitted for provisional payment pursuant to the Clauses of this Contract entitled ALLOWABLE COST AND PAYMENT and FIXED FEE.

Fill in the dollar amounts as applicable:

CLIN 0001

A: \$2,217,037.00

B: \$0

C: \$2,217,037.00

(End of Summary of Changes)



**DEFENSE THREAT REDUCTION AGENCY  
AND  
UNITED STATES STRATEGIC COMMAND CENTER  
FOR COMBATING WEAPONS OF MASS DESTRUCTION  
8725 JOHN J. KINGMAN ROAD, STOP 6201  
FORT BELVOIR, VA 22060-6201**

**OPENING NEGOTIATIONS**

**March 18, 2015**

Dr. Andrew Huff,

A. On behalf of the DTRA Contracting Officer, I am writing to officially open negotiations with respect to EcoHealth Alliance's Proposal # HDTRA114-AMD1-CBA-03-2-0022. The following are the negotiation topics to be resolved:

I. Labor

	<b>Proposed</b>		<b>Position</b>		<b>Difference</b>	
	<b>Hours</b>	<b>Total</b>	<b>Hours</b>	<b>Total</b>	<b>Hours</b>	<b>Total</b>
Base Period	20,384	\$ 856,600.00	18,304	\$ 769,598.08	2,080	\$ 87,001.92
Option I Period	20,384	\$ 882,298.00	18,304	\$ 787,298.84	2,080	\$ 94,999.16

- a. Labor Category: EcoHealth's original proposal did not include a Program Assistant (I), however began including this labor category in all future iterations of the proposal beginning November 3, 2014. The requirements of the SOW have not changed, therefore based on the technical evaluators recommendation, this additionally proposed labor is not required to fulfill the requirements in the statement of work.

**DTRA's Position: Remove this labor category for each year of the contract, reducing the hours from 20,384 to 18,304 for each year of this effort.**

- b. Labor Rate: EcoHealth has proposed two Research Assistant (I)'s throughout all revisions of their proposal. From their revision dated January 6, 2015 onward, the labor rate for the two Research Assistant (I)'s has almost doubled from what was originally proposed – from \$19.23 p/h to \$36.06 p/h. Additional research indicates that these labor categories have been proposed for previous efforts with rates more comparable (\$17.15 p/h) to the lesser of the two.

**DTRA's Position: Accept the originally proposed rate of \$19.23 p/h.**

- c. Labor Escalation: DTRA does not agree with EcoHealth's proposal of a 3% labor escalation rate for Option Period I of the period of performance. According to the Bureau of Labor Statistics for the private industry, labor escalation is expected to rise at a rate of 2.3%.

**DTRA's Position: Apply labor escalation of 2.3% to Option Period I.**

2. Travel

<b>Year of Travel</b>	<b>Proposed</b>	<b>Position</b>	<b>Difference</b>
Base	\$15,328.00	\$9,887.50	\$5,440.50
Option I	\$10,753.20	\$6,744.17	\$4,009.03

DTRA has taken exception to EcoHealth’s proposed pricing with respect to airfare, per diem, lodging, transportation, trainfare, and annual escalation costs. DTRA’s market research resulted in lower rates across the board when utilizing Government mandated regulations and third party travel websites.

**DTRA’s Positions:**

- a. Airfare: Roundtrip, coach flying rates were researched by utilizing two different time frames. The first was with 7 days advanced notice. The second method was using 6 months’ notice. Comparable rates were obtained for both time frames.
- b. Per Diem: For a two day trip, per diem is paid at 75% of the rate for the first day and 100% of the second day. Any other trip length is calculated at 75% of the rate on the first and last day, 100% on days in between.
- c. Lodging: Calculated using GSA travel rates.
- d. Transportation: DTRA understands that local travel in expensive areas can add up, however research indicates that multiple modes, multiple times should not exceed \$60 per person in NY and \$30 per person elsewhere, especially when utilizing public transportation.
- e. Trainfare: Calculated from Penn Station (New York, NY) to Albany-Rensselaer (Near Clifton Park, NY).
- f. Escalation: DTRA takes exception to the proposed 3% price increase for Option Period I. From 2014 to 2015, GSA per diem rates remained unchanged and lodging rates increased by 1.37%. To account for uncertainties in the travel industry, DTRA will round this percentage up to 1.5% and use this as the basis for their position.

DTRA’s determined positions for Travel:

<b>Trip 1</b>			
From: New York, NY			
To: Boston, MA			
Days	2		
Travelers	2		
	<b>Proposed</b>	<b>Position</b>	<b>Difference</b>
Airfare	\$800.00	\$ 500.00	\$300.00
Per Diem	\$284.00	\$ 248.50	\$35.50
Lodging	\$1,000.00	\$ 516.00	\$484.00
Transportation Boston	\$120.00	\$ 70.00	\$50.00
Local Transport NY	\$120.00	\$ 120.00	\$0.00
<b>Total</b>	<b>\$2,324.00</b>	<b>\$ 1,454.50</b>	<b>\$ 869.50</b>

<b>Trip 2</b>			
From: New York, NY			
To: Carrboro, NC			
Days	2		
Travelers	2		
	<b>Proposed</b>	<b>Position</b>	<b>Difference</b>
Airfare	\$1,000.00	\$ 700.00	\$300.00
Per Diem	\$224.00	\$ 196.00	\$28.00
Lodging	\$500.00	\$ 194.00	\$306.00
Transportation Carrboro	\$120.00	\$ 75.00	\$45.00
Local Transport NY	\$120.00	\$ 120.00	\$0.00
<b>Total</b>	<b>\$1,964.00</b>	<b>\$ 1,285.00</b>	<b>\$ 679.00</b>

<b>Trip 3</b>			
From: New York, NY			
To: Clifton Park, NY			
Days	2		
Travelers	2		
	<b>Proposed</b>	<b>Position</b>	<b>Difference</b>
Train Fare	\$400.00	\$ 320.00	\$80.00
Per Diem	\$224.00	\$ 196.00	\$28.00
Lodging	\$500.00	\$ 356.00	\$144.00
Transportation Clifton Park	\$120.00	\$ 60.00	\$60.00
Local Transport NY	\$200.00	\$ 120.00	\$80.00
<b>Total</b>	<b>\$1,444.00</b>	<b>\$ 932.00</b>	<b>\$ 312.00</b>

<b>Trip 4</b>			
From: New York, NY			
To: Washington DC			
Days	2		
Travelers	2		
	<b>Proposed</b>	<b>Position</b>	<b>Difference</b>
Airfare	\$1,000.00	\$ 600.00	\$400.00
Per Diem	\$284.00	\$ 248.50	\$35.50
Lodging	\$1,000.00	\$ 458.00	\$542.00
Transportation DC	\$120.00	\$ 60.00	\$60.00
Local Transport NY	\$200.00	\$ 120.00	\$80.00
<b>Total</b>	<b>\$2,604.00</b>	<b>\$ 1,486.50</b>	<b>\$ 1,117.50</b>

<b>Trip 5</b>			
From: New York, NY			
To: Washington DC			
Days	2		
Travelers	2		
	<b>Proposed</b>	<b>Position</b>	<b>Difference</b>
Airfare	\$500.00	\$ 600.00	-\$100.00
Per Diem	\$284.00	\$ 248.50	\$35.50
Lodging	\$1,000.00	\$ 458.00	\$542.00
Transportation DC	\$120.00	\$ 60.00	\$60.00
Local Transport NY	\$200.00	\$ 120.00	\$80.00
<b>Total</b>	<b>\$2,104.00</b>	<b>\$ 1,486.50</b>	<b>\$ 617.50</b>

<b>Trip 6</b>			
From: New York, NY			
To: TBD			
Days	4		
Travelers	2		
	<b>Proposed</b>	<b>Position</b>	<b>Difference</b>
Airfare	\$1,000.00	\$ 1,000.00	\$0.00
Per Diem	\$568.00	\$ 497.00	\$71.00
Lodging	\$3,000.00	\$ 1,506.00	\$1,494.00
Transportation TBD	\$120.00	\$ 120.00	\$0.00
Local Transport NY	\$200.00	\$ 120.00	\$80.00
<b>Total</b>	<b>\$4,888.00</b>	<b>\$ 3,243.00</b>	<b>\$ 1,645.00</b>

3. Other Direct Costs (ODCs)

ODCs	Proposed	Position	Difference
Base Period	\$ 30,305.72	\$ 29,670.00	\$ 635.72
Option Period I	\$ 30,493.89	\$ 29,462.49	\$ 1,031.40

- a. Data Purchasing: This \$2,400 cost was challenged in a previous contract and additional data was provided to substantiate it. \$473 of this charge that was previously justified was for Online Safari Subscriptions, which was proposed separately for this effort under "Books and Reference Material."

**DTRA's Position: Reduce the proposed \$2,400 by \$473.**

- b. Books & Reference Materials: DTRA takes exception to the proposed cost of \$711.72. Research indicates that a Safari Books Online Teams Account is cheaper to purchase annually (\$399) than to pay \$39 per month for a Pro Account, thus saving \$162.72.

**DTRA's Position: Purchase of Annual Teams Account.**

- c. Escalation: DTRA takes exception to the proposed 3% increase for Option Period I. Researching current PPI numbers, the average CPI increase from 2012 through 2014 was 1.7%, therefore this will be the factor that DTRA will apply to the Base Period positions to develop positions for Option Period I. The Positions noted above for Option I reflect a 1.7% increase over the base year positions.

**DTRA's Position: Apply 1.7% as the annual escalation factor.**

4. Subcontractor Costs

- a. International Society for Infectious Diseases

Base Summary				
		Proposed	Position	Difference
Direct Labor		\$ 31,972.38	\$ 31,972.38	\$ -
Travel		\$ 2,696.00	\$ 3,003.00	\$ (307.00)
ODCs		\$ 64,019.90	\$ 64,019.90	
Fringe	30.00%	\$ 9,591.71	\$ 9,591.71	\$ -
G&A	15.00%	\$ 16,242.00	\$ 16,288.05	\$ (46.05)
<b>Total</b>		<b>\$ 124,521.99</b>	<b>\$ 124,875.04</b>	<b>\$ (353.05)</b>
Option I Summary				
		Proposed	Position	Difference
Direct Labor		\$ 32,931.55	\$ 32,707.74	\$ 223.81
Travel		\$ 2,776.88	\$ 3,048.05	\$ (271.17)
ODCs		\$ 65,940.50	\$ 65,940.50	
Fringe	30.00%	\$ 9,879.47	\$ 9,812.32	\$ 67.14
G&A	15.00%	\$ 16,729.26	\$ 16,726.29	\$ 2.97
<b>Total</b>		<b>\$ 128,257.65</b>	<b>\$ 128,234.90</b>	<b>\$ 22.75</b>

- i. Labor Escalation: DTRA takes exception to ISID's proposal of a 3% labor escalation rate for Option Period I of the period of performance. According to the Bureau of Labor Statistics for the private industry, labor escalation is expected to rise at a rate of 2.3%.

**DTRA's Position: Apply labor escalation of 2.3% to Option Period I.**

- ii. Travel Airfare: Proposed airfare was priced lower than what market research yielded in the open market. Pricing was determined in the same manner as mentioned above under paragraph 2, Travel.

**DTRA's Position: Increase airfare by \$100 per trip.**

- iii. Travel Lodging: Lodging was not proposed in accordance with approved GSA travel rates.

**DTRA's Position: Apply GSA rates.**

- iv. Travel Per Diem: Per diem was not proposed in accordance with approved GSA travel rates.

**DTRA's Position: Apply GSA rates.**

- v. Travel Escalation: DTRA takes exception to the proposed 3% price increase for Option Period I. From 2014 to 2015, GSA per diem rates remained unchanged and lodging rates increased by 1.37%.

**DTRA's Position: To account for uncertainties in the travel industry, DTRA will round this percentage up to 1.5%.**

- vi. Indirect Rates: No exceptions were taken with the proposed indirect rates, however the costs reflect differences due to the exceptions taken within other cost pools noted above.

b. Kitware

<b>Base Summary</b>				
		<b>Proposed</b>	<b>Position</b>	<b>Difference</b>
Direct Labor		\$ 182,466.06	\$ 182,466.06	\$ -
Travel		\$ 4,832.00	\$ 5,538.00	\$ (706.00)
Indirect	82.80%	\$ 155,082.80	\$ 155,667.36	\$ (584.57)
G&A	38.40%	\$ 131,474.25	\$ 131,969.83	\$ (495.58)
Sub-Total		\$ 473,855.11	\$ 475,641.25	\$ (1,786.15)
Fee	7%   5.5%	\$ 32,831.62	\$ 25,855.68	\$ 6,975.94
<b>Total</b>		<b>\$ 506,686.72</b>	<b>\$ 501,496.93</b>	<b>\$ 5,189.79</b>

<b>Option I Summary</b>				
		<b>Proposed</b>	<b>Position</b>	<b>Difference</b>
Direct Labor		\$ 187,940.04	\$ 186,662.78	\$ 1,277.26
Travel		\$ 4,976.96	\$ 5,621.07	\$ (644.11)
Indirect	82.80%	\$ 159,735.28	\$ 159,211.03	\$ 524.25
G&A	38.40%	\$ 135,418.48	\$ 134,974.03	\$ 444.44
Sub-Total		\$ 488,070.76	\$ 486,468.91	\$ 1,601.85
Fee	7%   5.5%	\$ 33,816.57	\$ 26,446.63	\$ 7,369.93
<b>Total</b>		<b>\$ 521,887.33</b>	<b>\$ 512,915.55</b>	<b>\$ 8,971.78</b>

- i. Labor Escalation: DTRA takes exception to Kitware’s proposal of a 3% labor escalation rate for Option Period I of the period of performance. According to the Bureau of Labor Statistics for the private industry, labor escalation is expected to rise at a rate of 2.3%.

**DTRA’s Position: Apply labor escalation of 2.3% to Option Period I.**

- ii. Travel – Airfare: Proposed airfare was priced lower than what market research yielded in the open market. Pricing was determined in the same manner as mentioned above under paragraph 2, Travel.

**DTRA’s Position: Increase airfare by \$100 per trip for the first two trips; increase by \$280 for the last two.**

- iii. Travel – Lodging: Lodging was not proposed in accordance with approved GSA travel rates.

**DTRA’s Position: Apply GSA rates.**

- iv. Travel – Per Diem: Per diem was not proposed in accordance with approved GSA travel rates.

**DTRA’s Position: Apply GSA rates.**

- v. Travel – Trainfare: Rates proposed were low based on market research for trainfare from Penn Station (New York, NY) to Albany-Rensselaer (Near Clifton Park, NY).

**DTRA's Position: Increase to \$160 (\$80 each way) for the trainfare.**

- vi. Travel Escalation: DTRA takes exception to the proposed 3% price increase for Option Period I. From 2014 to 2015, GSA per diem rates remained unchanged and lodging rates increased by 1.37%.

**DTRA's Position: To account for uncertainties in the travel industry, DTRA will round this percentage up to 1.5%.**

- vii. Indirect Rates: No exceptions were taken with the proposed indirect rates, however the costs reflect differences due to the exceptions taken within other cost pools noted above.
- viii. Fixed Fee: DTRA takes exception to the 7% proposed fee by Kitware for this effort. DTRA's analysis of fee in accordance with DFARS 215.404-71, also removing travel costs from the fee calculation, which is DTRA policy, resulted in a fee value of \$52,302.31 or 5.5% of the total estimated cost less travel.

**DTRA's Position: Apply 5.5% to determine the fixed fee amount of \$52,302.31.**

- 5. Indirect Cost Rates DTRA accepts all indirect cost rates as proposed. The amounts differ from what is proposed due to DTRA's exceptions to EcoHealth's proposed pricing outlined in the areas above.
- 6. VETS100 EcoHealth has submitted evidence that they have submitted their VETS 100 report, however a copy was not furnished to DTRA. A copy will be required prior to award. Please provide this at your earliest convenience.
- 7. Subcontracting Plan EcoHealth will be required to update their Subcontracting Plan to reflect negotiated prices and address requirements set forth by FAR 19.704(a) prior to contract award. Please provide this at your earliest convenience.
- 8. FAR & DFAR Provisions – EcoHealth will need to fill out and submit the following provisions prior to award:
  - 1. DFARS 252.203-7998
  - 2. DFARS 252.209-7992
  - 3. DFARS 252.222-7007
  - 4. DFARS 252.225-7050

An attachment including each clause have been forwarded for convenience. Please sign and return.

- B. Stemming from the topics cited above, DTRA's position with respect to the cost-plus-fixed-fee value for this effort is as follows:

<b>Base Summary</b>				
	<b>Rate</b>	<b>Proposed</b>	<b>Position</b>	<b>Difference</b>
Labor Hours		20,384.00	18,304.00	2,080.00
Direct Labor		\$ 856,600.00	\$ 769,598.08	\$ 87,001.92
Travel		\$ 15,328.00	\$ 9,887.50	\$ 5,440.50
ODCs		\$ 30,305.72	\$ 29,670.00	\$ 635.72
Subcontractors		\$ 631,208.72	\$ 626,371.97	\$ 4,836.74
Fringe	35.10%	\$ 300,666.60	\$ 270,128.93	\$ 30,537.67
G&A	44.20%	\$ 564,831.94	\$ 510,193.75	\$ 54,429.12
<b>Total</b>		<b>\$ 2,398,940.98</b>	<b>\$ 2,215,850.23</b>	<b>\$ 183,090.75</b>

<b>Option I Summary</b>				
	<b>Rate</b>	<b>Proposed</b>	<b>Position</b>	<b>Difference</b>
Labor Hours		20,384.00	18,304.00	2,080.00
Direct Labor		\$ 882,298.00	\$ 787,298.84	\$ 94,999.16
Travel		\$ 10,753.20	\$ 6,744.17	\$ 4,009.03
ODCs		\$ 30,493.89	\$ 29,462.49	\$ 1,031.40
Subcontractors		\$ 650,144.98	\$ 641,150.45	\$ 8,994.53
Fringe	35.15%	\$ 310,127.75	\$ 276,735.54	\$ 33,392.21
G&A	44.25%	\$ 579,087.73	\$ 520,044.16	\$ 58,830.71
<b>Total</b>		<b>\$ 2,462,905.55</b>	<b>\$ 2,261,435.64</b>	<b>\$ 201,469.91</b>

C. Please respond to each of the eight (8) items above. Upon our concurrence on all eight (8), I will close negotiations and begin the award process. Let me know should you have any questions.

Sincerely,

(b)(6)

Contract Specialist (Contractor Support)

Attachments:

1. DFARS 252.203-7998
2. DFARS 252.209-7992
3. DFARS 252.222-7007
4. DFARS 252.225-7050

**From:** Dr. Andrew Huff  
**To:** (b)(6)  
**Subject:** Re: FW: Response Requested: EcoHealth Alliance - GRITS 2.0 - proposal, SOW, & award finalization  
**Date:** Tuesday, January 6, 2015 3:22:24 PM  
**Attachments:** EcoConcerns AGH 01062016.xlsx  
EHA- COST SUMMARY-01062015.xlsx  
Epidemico - COST BREAKOUT 01062016.xlsx  
Epidemico License&Data Letter 01062015.pdf  
ISID - COST BREAKOUT 01062015.xlsx  
Kitware- COST BREAKOUT 01062015.xlsx

Hi (b)(6)

We have corrected the errors that you identified. Also, a letter of explanation is provided from Epidemico related to data purchases. Thank you for your attention to detail! As we grow as an organization, I assure you we will continue to improve.

\* What are the next steps in the process?

Cheers,

Andrew

(b)(6) CONTRACTOR wrote:

Sounds good, thank you Sir!

(b)(6) Contractor Support  
Sr. Contract Specialist  
JAB Solutions, LLC

Phone (b)(6)

Email:

-----Original Message-----

From: Dr. Andrew Huff [mailto:huff@ecohealthalliance.org]

Sent: Monday, January 05, 2015 1:10 PM

To: (b)(6)

Subject: Re: FW: Response Requested: EcoHealth Alliance - GRITS 2.0 - proposal, SOW, & award finalization

Hi (b)(6)

We have everything corrected. We are waiting on our sub (Epidemico) to provide us with a brief letter or document stating that the licensing fee is for data that is not publicly available via their website. Hopefully this document arrives today.

Best,

Andrew

<u>Number</u>	<u>Contractor</u>	<u>Cost Category</u>	<u>Concern</u>	<u>Response</u>
1	Eco	Labor	Last labor cost was not included in the cost. Please correct.	Our apologies. We corrected the error. This must have been an artifact since the program assistant's salary was
2	Eco	Subcontractors	Table is confusing as it lists Kitware two times in the base period, then a 3rd time listed under Option I. Please correctly identify which sub and cost goes into which year of the proposed contract.	Our apologies. We corrected the error.
3	Eped	ODCs	\$10,000 license fee? The website appears free, can you submit something to support this charge?	The Healthmapper website is free and publicly available, but a direct link to the raw data (used and analyzed by the website) is not. We have obtained a brief document from the subcontractor to explain that the data are not
4	ISID	Labor	Larry Madoff, Editor, \$88-\$90 p/h seems extremely excessive for an editor based on market research. What makes this position so unique?	Good question. Dr. Larry Madoff is the world's leading expert and authority on biosurveillance. He has over 30 years experience in biosurveillance and is the person that manages ProMED (the world's largest and most frequently used platform for biosurveillance). His expertise and professional network exceeds anyone else in the field. He is able to provide expertise that no one else has in international biosurveillance. In fact his rate is
5	ISID	ODCs	Consultant - Copy Editor rate is incorrect on ISID's breakout. They state 160 hours at \$28.84 = \$4,760. That is incorrect, the correct charge should be \$4,614.40. This impacts indirect costs and the figures on your prime proposal since this will change the dollar amounts throughout	Thank you for catching this. We have corrected the figures throughout. Also, we noticed that the incorrect equipment costs were listed and we corrected this.

**COST SUMMARY**

Cost Element	Expense I			Expense II			Expense III			Expense IV		
	Rate	Quantity	Total Amount	Rate	Quantity	Total Amount	Rate	Quantity	Total Amount	Rate	Quantity	Total Amount
Senior Program Scientist	\$ 67.3	2000	\$ 140,000	69.52692585	2000	\$ 140,000						
Senior Software Developer (IT)	\$ 50.06	2000	\$ 100,000	52.49058462	2000	\$ 100,000						
Senior Data Scientist (IT)	\$ 50.06	2000	\$ 100,000	52.49058462	2000	\$ 100,000						
Data Scientist (IT)	\$ 47.5	248	\$ 24,800	49.8625	248	\$ 24,800						
Research Associate (IT)	\$ 21.01	2000	\$ 40,000	21.7961258	2000	\$ 40,000						
Research Associate (IT)	\$ 36.06	248	\$ 9,000	37.15942585	248	\$ 9,000						
Research Associate (IT)	\$ 36.06	248	\$ 9,000	37.15942585	248	\$ 9,000						
Senior Software Developer (IT)	\$ 49.57	2000	\$ 100,000	51.88496799	2000	\$ 100,000						
Senior Assistant (IT)	\$ 21.63	2000	\$ 40,000	22.28	2000	\$ 40,000						
Software Developer (IT)	\$ 38.84	2000	\$ 80,000	40.11875092	2000	\$ 80,000						
Software Developer (IT)	\$ 38.84	2000	\$ 80,000	40.11875092	2000	\$ 80,000						
<b>TOTAL DIRECT LABOR</b>			\$ 690,000			\$ 690,000						
<b>LABOR BURDEN</b>	Rate	Use Based Applied to	Total Amount	Rate	Use Based Applied to	Total Amount	Rate	Use Based Applied to	Total Amount	Rate	Use Based Applied to	Total Amount
FRINGE BENEFITS	33.4%	\$ 856,680.00	\$ 286,134	33.45%	\$ 887,968	\$ 295,786.81						
OVERHEAD												
<b>TOTAL LABOR BURDEN</b>			\$ 286,134			\$ 295,786.81						
<b>TOTAL MATERIALS</b>			\$ 21,087			\$ 0						
<b>TOTAL SUPPLIES</b>			\$ 15,426			\$ 0						
<b>TOTAL UTILITIES &amp; REPAIRS</b>			\$ 9,000			\$ 6,348,242						
<b>TOTAL SUBCONTRACTOR COSTS</b>			\$ 994,174			\$ 0						
<b>TOTAL DIRECT COSTS</b>			\$ 2,274,185			\$ 2,792,597						
<b>OVERHEAD</b>	Rate	Rate Applied to	Total Amount	Rate	Rate Applied to	Total Amount	Rate	Rate Applied to	Total Amount	Rate	Rate Applied to	Total Amount
OVERHEAD	44.1%	\$ 1,314,951	\$ 976,555	44.1%	\$ 1,241,925	\$ 952,117						
<b>OVERHEAD</b>			\$ 976,555			\$ 952,117						
<b>TOTAL COSTS</b>			\$ 2,805,989			\$ 2,847,114						
<b>NET PROFIT</b>	Fee Rate	Fee Rate Applied to Total Cost (excluding Fee)	Total Amount	Fee Rate	Fee Rate Applied to Total Cost (including Fee)	Total Amount	Fee Rate	Fee Rate Applied to Total Cost (excluding Fee)	Total Amount	Fee Rate	Fee Rate Applied to Total Cost (including Fee)	Total Amount
NET PROFIT	10%	\$ 280,598.90	\$ 280,598.90	10%	\$ 284,711.40	\$ 284,711.40						
<b>TOTAL COST PLUS FEE</b>			\$ 2,805,989			\$ 2,847,114						

**MATERIALS/EQUIPMENT**

Item	Manufacturer	Part Number	Unit Price	Quantity	Unit Price	Contract Period	Additional Information
Computers	Apple	15" 3.1k Macbook Pro	\$2,400	5	\$12,000	12/22/2024 - 12/31/2024	Unit price on apple.com including 13% tax. 15" 3.1k macbook pro. 16gb ram. 512gb ssd. 1080p display. 100w power adapter. 1 year warranty. 15" 3.1k macbook pro. 16gb ram. 512gb ssd. 1080p display. 100w power adapter. 1 year warranty.
Monitors	Apple	Thunderbolt Display	\$1,000	1	\$1,000	12/22/2024 - 12/31/2024	Unit price on apple.com including 13% tax. 27" 5k retina display. 5120x2880 resolution. 60hz refresh rate. 100w power adapter. 1 year warranty.

Note: 1. Items are included in a lump sum if the total value is over \$5,000. For items that are over \$5,000, list separately from the rest of the commodity group.

## TRAVEL

<b>Trip #:</b>	1	<b>Location:</b>	Boston, MA (HealthMap and ProMED-mail)			<b>Contract Period</b>	
<b>Purpose:</b>	Meet with HealthMap and ProMED-mail editors					Base Period	
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
2	2	\$800.00	\$284.00	\$1,000.00	\$240.00	\$2,324.00	
<i>Itemized Expenses for "Other"</i>							
	<b>Description</b>	<b>Amount</b>					
	Transportation to/from airport and in Boston	\$120.00					
	Local transport NYC	\$120.00					
	<b>Total:</b>	\$240.00					
<b>Trip #:</b>	2	<b>Location:</b>	Carrboro, NC (Kitware)			<b>Contract Period</b>	
<b>Purpose:</b>	Meet with Kitware database team					Base Period	
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
2	2	\$1,000.00	\$224.00	\$500.00	\$240.00	\$1,964.00	
<i>Itemized Expenses for "Other"</i>							
	<b>Description</b>	<b>Amount</b>					
	Transportation to/from airport and in Carrboro	\$120.00					
	Local transport NYC	\$120.00					
	<b>Total:</b>	\$240.00					
<b>Trip #:</b>	3	<b>Location:</b>	Clifton Park, NY (Kitware)			<b>Contract Period</b>	
<b>Purpose:</b>	Meet with Kitware visualization team					Base Period	
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
2	2		\$224.00	\$500.00	\$720.00	\$1,444.00	
<i>Itemized Expenses for "Other"</i>							
	<b>Description</b>	<b>Amount</b>					
	Train fare	\$400.00					
	Transportation in Clifton Park/Albany	\$120.00					
	Local transport NYC	\$200.00					
	<b>Total:</b>	\$720.00					
<b>Trip #:</b>	4	<b>Location:</b>	Washington, DC Area (DTRA and BSVE)			<b>Contract Period</b>	
<b>Purpose:</b>	Meet with DTRA and the BSVE team					Base Period	
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
2	2	\$1,000.00	\$284.00	\$1,000.00	\$320.00	\$2,604.00	
<i>Itemized Expenses for "Other"</i>							
	<b>Description</b>	<b>Amount</b>					
	Transportation to/from airport and in DC	\$120.00					
	Local transport NYC	\$200.00					
	<b>Total:</b>	\$320.00					
<b>Trip #:</b>	5	<b>Location:</b>	Washington, DC Area (DTRA and BSVE)			<b>Contract Period</b>	
<b>Purpose:</b>	Meet with DTRA and the BSVE team					Base Period	
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
2	2	\$500.00	\$284.00	\$1,000.00	\$320.00	\$2,104.00	
<i>Itemized Expenses for "Other"</i>							
	<b>Description</b>	<b>Amount</b>					
	Transportation to/from airport and in DC	\$120.00					
	Local transport NYC	\$200.00					
	<b>Total:</b>	\$320.00					
<b>Trip #:</b>	6	<b>Location:</b>	TBD (Digital Disease Detection Conference)			<b>Contract Period</b>	
<b>Purpose:</b>	Attend Digital Disease Detection Conference hosted by HealthMap					Base Period	
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
4	2	\$1,000.00	\$568.00	\$3,000.00	\$320.00	\$4,888.00	
<i>Itemized Expenses for "Other"</i>							
	<b>Description</b>	<b>Amount</b>					
	Transportation to/from airport and during conference	\$120.00					
	Local transport NYC	\$200.00					

	<b>Total:</b>	5320.00
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### OTHER DIRECT COSTS

Description	Total Price	Contract Period	Additional Information
			List detailed description and additional information stating the need for the requirement and the method with which the total cost was calculated. Example: Twenty hours of laboratory usage is required to complete Task 4 and was calculated at a rate of \$200 per hour. Laboratory hours were estimated based on experience with previous efforts of a similar size
Cloud Processing Services	\$17,094	Base Period	Commercial cloud processing for modeling, data analysis, software development, and web hosting. Estimate is
Domain Registrar	\$ 160	Base Period	Annual cost for domain name and security certificates
Cloud Application Services	\$ 840	Base period	Cost of Google Apps Services and data hosting (\$10 per user per month for google apps with unlimited
Data Purchasing	\$ 2,400	Base Period	Additional global datasets will be purchased based on priority diseases and regions identified in consultation
Code Hosting	\$2,400	Base Period	Estimate is based on the monthly cost of a github.com platinum plan
Books and reference materials	\$711.72	Base Period	Estimate is a subscription to Safari Books Online (\$46.81/month), plus 5 additional book purchases at \$30
Software Licenses	\$1,000	Base Period	Additional licenses for software such as text editors and office tools (estimated \$100 per person)
Publication Fees	\$4,500.00	Base Period	Calculated based on average publication fee for PLoS (Public Library of Science) journals (2 publications x
Meeting Costs	\$500.00	Base Period	This will support two all-day meetings with the partners at the EcoHealth Alliance office in NY. It covers
Recruiting	\$700	Base Period	2 job listings at \$350 per 30-day listing on StackOverflow careers
Cloud Processing Services	\$17,094	Option Year 1	Commercial cloud processing for modeling, data analysis, software development, and web hosting. Estimate is
Domain Registrar	\$ 160	Option Year 1	Annual cost for domain name and security certificates
Cloud Application Services	\$ 840	Option Year 1	Cost of Google Apps Services and data hosting (\$10 per user per month for google apps with unlimited
Data Purchasing	\$ 2,400	Option Year 1	Additional global datasets will be purchased based on priority diseases and regions identified in consultation
Code Hosting	\$2,400	Option Year 1	Estimate is based on the monthly cost of a github.com platinum plan
Books and reference materials	\$711.72	Option Year 1	Estimate is a subscription to Safari Books Online (\$46.81/month), plus 5 additional book purchases at \$30
Software Licenses	\$1,000	Option Year 1	Additional licenses for software such as text editors and office tools (estimated \$100 per person)
Publication Fees	\$4,500.00	Option Year 1	Calculated based on average publication fee for PLoS (Public Library of Science) journals (2 publications x
Meeting Costs	\$500.00	Option Year 1	This will support two all-day meetings with the partners at the EcoHealth Alliance office in NY. It covers
	\$59,911		

### SUBCONTRACTORS

Company Name	Total Price	Contract Period	Additional Information
Kitware	\$503,580	Base Period	
Epidemico	\$356,071.82	Base Period	
ISID	\$124,521.99	Base Period	
Kitware	\$518,687.69	Option I	
Epidemico	\$366,423.97	Option I	
ISID	\$128,257.65	Option I	

Cost Element	Base Period			Urgent 1									
	Rate	Quantity	Total Amount	Rate	Quantity	Total Amount	Rate	Quantity	Total Amount	Rate	Quantity	Total Amount	
	July	# Hrs		July	# Hrs		July	# Hrs		July	# Hrs		
Labor Category & Title													
B-1 Technician	\$77.25	710	\$54,847.50	\$79.57	710	\$56,492.93		XX	\$		XX	\$	
Check/Upgrade/Security Software Programmer	55.00	710	\$38,050.00	56.65	710	\$39,221.50		XX	\$		XX	\$	
Hardware/Software Programmer	4.55	1710	\$7,780.50	4.68	1710	\$7,992.18		XX	\$		XX	\$	
Software/Network/Software Developer	47.19	1610	\$75,876.90	47.19	1610	\$75,876.65							
Chief/Project Manager	29.51	1715	\$50,609.65	30.23	1715	\$51,777.92							
Contract/Travel/Travel	29.71	1710	\$50,702.10	30.23	1710	\$51,975.86		XX	\$		XX	\$	
<b>TOTAL DIRECT LABOR</b>			\$173,065.65			\$176,158.97			XX	\$		XX	\$
Labor Burden	Rate		Total Amount	Rate	For Burden Applied To	Total Amount	Rate	For Burden Applied To	Total Amount	Rate	For Burden Applied To	Total Amount	
FRINGE BENEFITS	7.1	\$	\$	7.1	\$	\$	7.1	\$	\$	7.1	\$	\$	
OVERHEAD	7.1	\$	\$	7.1	\$	\$	7.1	\$	\$	7.1	\$	\$	
<b>TOTAL LABOR BURDEN</b>			\$11,005.62			\$12,015.82			\$			\$	
TOTAL MATERIALS			\$0.00			\$0.00			\$			\$	
TOTAL TRAVEL COSTS			\$5,628.00			\$4,544.22			\$			\$	
TOTAL ALL OTHER DIRECT COSTS			\$10,000.00			\$0.00			\$			\$	
TOTAL SUBCONTRACTOR COSTS			\$0.00			\$			\$			\$	
<b>TOTAL DIRECT COSTS</b>			\$199,699.27			\$192,728.79			\$			\$	
GRAND TOTAL	Rate	Rate Applied To	Total Amount	Rate	Rate Applied To	Total Amount	Rate	Rate Applied To	Total Amount	Rate	Rate Applied To	Total Amount	
GRAND TOTAL	100%	\$124,655.65	\$124,655.65	100%	\$124,655.65	\$124,655.65	7.1	\$	\$	7.1	\$	\$	
FACILITIES CAPITAL COSTS (MOBILE EQUIPMENT)			\$			\$			\$			\$	
<b>TOTAL COSTS</b>			\$135,714.62			\$137,702.59			\$			\$	
UNIT PRICE	Fee Rate	Fee Rate Applied To (total cost, excluding travel & P&CM)	Total Amount	Fee Rate	Fee Rate Applied To (total cost, excluding travel & P&CM)	Total Amount	Fee Rate	Fee Rate Applied To (total cost, excluding travel & P&CM)	Total Amount	Fee Rate	Fee Rate Applied To (total cost, excluding travel & P&CM)	Total Amount	
UNIT PRICE	7.1	\$	\$	7.1	\$	\$	7.1	\$	\$	7.1	\$	\$	
<b>TOTAL COST PLUS FEE</b>			\$			\$			\$			\$	

**MATERIALS/EQUIPMENT**

Item	Manufacturer	Part Number	Unit Price	Quantity	Total Price	Contract Period	Additional Information
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Note:

Consumables may be listed as a lump sum if no individual items cost \$5,000. For these items that cost over \$5,000, list separately from the rest of consumable pricing.

## TRAVEL

<b>Trip #:</b>	1	<b>Location:</b>	New York City (through JFK Airport)				<b>Contract Period</b>	
<b>Purpose:</b>	Meet with full New York based Data Science and Research Technology team							
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>		
2	2	\$700.00	\$284.00	\$600.00	\$240.00	\$1,824.00		
<i>Itemized Expenses for "Other"</i>								
<b>Description</b>		<b>Amount</b>						
Transportation to and from airport and in New York City		\$120.00						
<b>Total:</b>		\$120.00						
<b>Trip #:</b>	2	<b>Location:</b>	Washington DC Area (DTRA and BSVI)				<b>Contract Period</b>	
<b>Purpose:</b>	Meet with DTRA and the BSVI team							
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>		
2	2	\$700.00	\$284.00	\$600.00	\$210.00	\$1,824.00		
<i>Itemized Expenses for "Other"</i>								
<b>Description</b>		<b>Amount</b>						
Transportation to and from airport and in Washington, DC Metro area		\$120.00						
<b>Total:</b>		\$120.00						
<b>Trip #:</b>		<b>Location:</b>					<b>Contract Period</b>	
<b>Purpose:</b>	(Select Period)							
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>		
						\$0.00		
<i>Itemized Expenses for "Other"</i>								
<b>Description</b>		<b>Amount</b>						
<b>Total:</b>		\$0.00						

**OTHER DIRECT COSTS**

Description	Total Price	Contract Period	Additional Information
HealthMap License Fee	\$10,000	Base Period	HealthMap data license fee
HealthMap License Fee	\$10,000	Option Year 1	HealthMap data license fee

<b>SUBCONTRACTORS</b>			
Company Name	Total Price	Contract Period	Additional Information

# epidemico

January 6, 2015

**Zach Gold**

EcoHealth Alliance  
460 West 34th Street  
17th floor New York, NY 10001

Zach,

Epidemico has developed proprietary software and operates HealthMap databases, websites, algorithms, database architectures and news sites (the "HealthMap System") which collect, aggregate, analyze and disseminate information relating to world-wide infectious disease outbreaks and health-related incidents (the "Information"). The software is available for license where licensee has rights to use the platform and receive real time data feeds.

Should you need any further assistance, please do not hesitate to contact me, at [kelly@epidemico.com](mailto:kelly@epidemico.com) or +1(617) 938-0252.

Sincerely,

Kelly Wahlberg  
Chief Financial Officer  
Epidemico, Inc.

**COST SUMMARY**

Cost Element	Base Period			Update			Update			Update		
	Rate Per Hr	Quantity Hrs	Total Amount	Rate Per Hr	Quantity Hrs	Total Amount	Rate Per Hr	Quantity Hrs	Total Amount	Rate Per Hr	Quantity Hrs	Total Amount
LABOR CATEGORY & RATE												
LABOR CATEGORY	888.74	192	\$170,830	887.56	192	\$170,411.52	XX	XX	XX	XX	XX	XX
EST. LABORER / JT Manager	818.63	366	\$272,912	830.29	366	\$303,906.24	XX	XX	XX	XX	XX	XX
							XX	XX	XX	XX	XX	XX
							XX	XX	XX	XX	XX	XX
							XX	XX	XX	XX	XX	XX
<b>TOTAL DIRECT LABOR</b>		558	\$443,742		558	\$474,317.76		XX	XX		XX	XX
LABOR BURDEN	Rate	Per Hourly Applied To	Total Amount	Rate	Per Hourly Applied To	Total Amount	Rate	Per Hourly Applied To	Total Amount	Rate	Per Hourly Applied To	Total Amount
PRINCIPAL COSTS	92%	\$41,072.04	\$39,541.71	92%	\$42,911.55	\$42,514.47	%	\$	\$	%	\$	\$
OVERHEAD	%	\$	\$	%	\$	\$	%	\$	\$	%	\$	\$
<b>TOTAL LABOR BURDEN</b>			\$41,591.71			\$42,514.47			\$			\$
TOTAL MATERIALS			\$100			\$100			\$			\$
TOTAL DIRECT COSTS			\$485,433.71			\$516,932.23			\$			\$
TOTAL ALL OTHER DIRECT COSTS			\$66,019.90			\$66,989.50			\$			\$
TOTAL SUBCONTRACTOR COSTS			\$100			\$100			\$			\$
<b>TOTAL DIRECT COSTS</b>			\$551,553.61			\$583,921.73			\$			\$
GENERAL & ADMIN	Rate	Rate Applied To	Total Amount	Rate	Rate Applied To	Total Amount	Rate	Rate Applied To	Total Amount	Rate	Rate Applied To	Total Amount
GENERAL FEES	15.00%	\$82,733.04	\$82,733.04	15.00%	\$87,588.26	\$87,588.26	%	\$	\$	%	\$	\$
EQUIPMENT CAPITAL COSTS (AMORTIZATION) (See 11 completed DD for %)			\$			\$			\$			\$
<b>TOTAL COSTS</b>			\$634,286.65			\$671,510.00			\$			\$
NET PROFIT	Fee Rate	Fee Rate Applied to Total cost, excluding travel & P&CM	Total Amount	Fee Rate	Fee Rate Applied to Total cost, excluding travel & P&CM	Total Amount	Fee Rate	Fee Rate Applied to Total cost, excluding travel & P&CM	Total Amount	Fee Rate	Fee Rate Applied to Total cost, excluding travel & P&CM	Total Amount
NET PROFIT	%	\$	\$	%	\$	\$	%	\$	\$	%	\$	\$
<b>TOTAL COST PLUS PROFIT</b>			\$			\$			\$			\$

**MATERIALS/EQUIPMENT**

Desc	Man. Part no.	Part Number	Unit Price	Quantity	Total Price	Contract, Part id.	Address of Information
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Note:

Consumables may be listed as a lump sum if no individual items cost \$5,000. For these items that cost over \$5,000, list separately from the rest of consumable pricing.

## TRAVEL

Trip #:	1	Location:	New York City (LifeHealth Alliance)			Contract Period	
<b>Purpose:</b>	Meet with full New York based Data Science and Research Technology team						Base Period
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
2	2	\$400.00	\$284.00	\$534.00	\$120.00	\$1,338.00	
<i>Itemized Expenses for "Other"</i>							
<b>Description</b>		<b>Amount</b>					
Transportation to and from airport and in New York City		\$120.00					
<b>Total:</b>		\$120.00					
<b>Trip #:</b>	2	<b>Location:</b>	Washington DC Area (DTRA and BSVI)			<b>Contract Period</b>	
<b>Purpose:</b>	Meet with DTRA and the BSVI team						Base Period
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
2	2	\$600.00	\$784.00	\$454.00	\$120.00	\$1,958.00	
<i>Itemized Expenses for "Other"</i>							
<b>Description</b>		<b>Amount</b>					
Transportation to and from airport and in Washington, DC Metro area		\$120.00					
<b>Total:</b>		\$120.00					
<b>Trip #:</b>		<b>Location:</b>				<b>Contract Period</b>	
<b>Purpose:</b>							(Select Period)
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
						\$0.00	
<i>Itemized Expenses for "Other"</i>							
<b>Description</b>		<b>Amount</b>					
<b>Total:</b>		\$0.00					

**OTHER DIRECT COSTS**

Description	Total Price	Contract Period	Additional Information
Consultant - M. Pollack, Deputy Editor	\$15,370.00	Base Period	300 hours of work by a ProMed Deputy Editor, Marjorie Pollack, calculated at a rate of \$51.23 per hour.
Consultant - Associate Editor	\$43,635.50	Base Period	1970 hours of work by an ProMed Associate Editor, calculated at a rate of \$22.15 per hour.
Consultant - Copy Editor	\$2,614.40	Base Period	160 hours of work by a ProMed Copy Editor, calculated at a rate of \$16.34 per hour.
Consultant - M. Pollack, Deputy Editor	\$16,243.00	Option I	300 hours of work by a ProMed Deputy Editor, Marjorie Pollack, calculated at a rate of \$54.14 per hour.
Consultant - Associate Editor	\$44,944.57	Option I	1970 hours of work by an ProMed Associate Editor, calculated at a rate of \$22.81 per hour.
Consultant - Copy Editor	\$2,752.87	Option I	160 hours of work by a ProMed Copy Editor, calculated at a rate of \$17.21 per hour.
Consultant - M. Pollack, Deputy Editor	16730.293	Option II	300 hours of work by a ProMed Deputy Editor, Marjorie Pollack, calculated at a rate of \$55.77 per hour.
Consultant - Associate Editor	\$46,292.90	Option II	1970 hours of work by an ProMed Associate Editor, calculated at a rate of \$23.50 per hour.
Consultant - Copy Editor	\$2,595.42	Option II	160 hours of work by a ProMed Copy Editor, calculated at a rate of \$16.22 per hour.

<b>SUBCONTRACTORS</b>			
Company Name	Total Price	Contract Period	Additional Information

**COST SUMMARY**

Cost Element	Base Period			Update 1			Update 2			Update 3		
	Rate Per Hr	Quantity Hrs	Total Amount	Rate Per Hr	Quantity Hrs	Total Amount	Rate Per Hr	Quantity Hrs	Total Amount	Rate Per Hr	Quantity Hrs	Total Amount
<b>Labor Category &amp; Title</b>												
Dr. Williams	\$18.22	875.79	\$15,742.86	\$18.22	875.79	\$15,742.86	\$18.22	875.79	\$15,742.86	\$18.22	875.79	\$15,742.86
Painted Bencholds	11.41	875.79	\$9,787.28	11.41	875.79	\$9,787.28	11.41	875.79	\$9,787.28	11.41	875.79	\$9,787.28
R&D Engineer	17.31	1,182.22	\$20,254.17	17.31	1,182.22	\$20,254.17	17.31	1,182.22	\$20,254.17	17.31	1,182.22	\$20,254.17
R&D Engineer	44.91	1,182.22	\$53,055.69	44.91	1,182.22	\$53,055.69	44.91	1,182.22	\$53,055.69	44.91	1,182.22	\$53,055.69
<b>TOTAL DIRECT LABOR</b>		4016.02	\$87,840.06		4016.02	\$87,840.06		4016.02	\$87,840.06		4016.02	\$87,840.06
<b>LABOR BURDEN</b>	Rate	Per Hourly Applied To	Total Amount	Rate	Per Hourly Applied To	Total Amount	Rate	Per Hourly Applied To	Total Amount	Rate	Per Hourly Applied To	Total Amount
PRINCIPALS	7%	\$	\$	7%	\$	\$	7%	\$	\$	7%	\$	\$
OVERHEAD	7%	\$	\$	7%	\$	\$	7%	\$	\$	7%	\$	\$
<b>TOTAL LABOR BURDEN</b>			\$87,840.06			\$87,840.06			\$87,840.06			\$87,840.06
<b>TOTAL MATERIALS</b>			\$0.00			\$0.00			\$0.00			\$0.00
<b>TOTAL TRAVEL COSTS</b>			\$5,654.00			\$5,654.00			\$5,654.00			\$5,654.00
<b>TOTAL ALL OTHER DIRECT COSTS</b>			\$0.00			\$0.00			\$0.00			\$0.00
<b>TOTAL SUBCONTRACTOR COSTS</b>			\$0.00			\$0.00			\$0.00			\$0.00
<b>TOTAL DIRECT COSTS</b>			\$93,534.12			\$93,534.12			\$93,534.12			\$93,534.12
<b>GCA - G&amp;A, P&amp;C, M</b>	Rate	Rate Applied To	Total Amount	Rate	Rate Applied To	Total Amount	Rate	Rate Applied To	Total Amount	Rate	Rate Applied To	Total Amount
Inventory Loss	\$2.80%	\$186,120.00	\$5,191.36	\$2.80%	\$186,120.00	\$5,191.36	7%	\$	\$	7%	\$	\$
G&A	18.40%	\$167,127.47	\$30,751.45	18.40%	\$167,127.47	\$30,751.45	7%	\$	\$	7%	\$	\$
<b>EQUIPMENT CAPITAL COST OF MONIES (CCUMI)</b> (Rate of applied DD to a % of \$0)			\$			\$			\$			\$
<b>TOTAL COSTS</b>			\$129,376.53			\$129,376.53			\$129,376.53			\$129,376.53
<b>NET PROFIT</b>	Fee Rate	Fee Rate Applied to Total Cost, excluding Invent & P&C, M	Total Amount	Fee Rate	Fee Rate Applied to Total Cost, excluding Invent & P&C, M	Total Amount	Fee Rate	Fee Rate Applied to Total Cost, excluding Invent & P&C, M	Total Amount	Fee Rate	Fee Rate Applied to Total Cost, excluding Invent & P&C, M	Total Amount
NET PROFIT	7.00%	\$90,710.92	\$90,710.92	7.00%	\$90,710.92	\$90,710.92	7%	\$	\$	7%	\$	\$
<b>TOTAL COST PLUS PROFIT</b>			\$129,376.53			\$129,376.53			\$129,376.53			\$129,376.53

**MATERIALS/EQUIPMENT**

Desc	Man. Part no.	Part Number	Unit Price	Quantity	Total Price	Contract, Part no.	Address of Information
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Note:

Consumables may be listed as a lump sum if no individual items cost \$5,000. For these items that cost over \$5,000, list separately from the rest of consumable pricing.

## TRAVEL

Trip #:	1	Location:	New York City			Contract Period		
Purpose:	Meet with full New York based Data Science and Research Technology team							Base Period
Days	# of People	Airfare	Per Diem	Lodging	Other	Total		
2	2	\$200.00	\$284.00	\$334.00	\$220.00	\$1,238.00		
<i>Itemized Expenses for "Other"</i>								
		Description	Amount					
		Train fare	\$100.00					
		Transportation in New York City	\$120.00					
		<b>Total:</b>	\$220.00					
Trip #:	2	Location:	New York City			Contract Period		
Purpose:	Meet with full New York based Data Science and Research Technology team							Base Period
Days	# of People	Airfare	Per Diem	Lodging	Other	Total		
2	2	\$200.00	\$284.00	\$334.00	\$220.00	\$1,238.00		
<i>Itemized Expenses for "Other"</i>								
		Description	Amount					
		Train fare	\$100.00					
		Transportation in New York City	\$120.00					
		<b>Total:</b>	\$220.00					
Trip #:	3	Location:	Washington, DC Area (DTRA and BSVE)			Contract Period		
Purpose:	Meet with DTRA and the BSVE team							Base Period
Days	# of People	Airfare	Per Diem	Lodging	Other	Total		
2	2	\$420.00	\$284.00	\$354.00	\$120.00	\$1,178.00		
<i>Itemized Expenses for "Other"</i>								
		Description	Amount					
		Transportation to and from airport and in Washington, DC Metro area	\$120.00					
		<b>Total:</b>	\$120.00					

OTHER DIRECT COSTS			
Description	Total Price	Contract Period	Additional Information

<b>SUBCONTRACTORS</b>			
Company Name	Total Price	Contract Period	Additional Information

(b)(6) CONTRACTOR wrote:

Dr. Huff, I've completed my initial analysis on your cost proposal and have some concerns. Could you please see the attached excel document I'm using to track these and their resolution? Thank you.

(b)(6)  
Contractor Support  
Sr. Contract Specialist  
JAB Solutions, LLC

Phone: (b)(6)  
Email: (b)(6)

-----Original Message-----

From: Dr. Andrew Huff [<mailto:huff@ecohealthalliance.org>]

Sent: Monday, December 22, 2014 10:29 AM

To: (b)(6)

Subject: Re: FW: Response Requested: EcoHealth Alliance - GRITS 2.0 - proposal, SOW, & award finalization

H (b)(6)

Real quick- Would you like us to correct the document or are you correcting it?

Best,

Andrew

(b)(6) CONTRACTOR wrote:

The screen shot corroborates my assertion that the last value of \$81,000 is not included in the total direct labor cost of \$699,900. Attached is the document from which I am working. Thank you Sir!

(b)(6) Contractor Support  
Sr. Contract Specialist  
JAB Solutions, LLC

Phone: (b)(6)  
Email: (b)(6)

From: Dr. Andrew Huff [<mailto:huff@ecohealthalliance.org>]

Sent: Friday, December 19, 2014 11:54 AM

To: (b)(6)

Cc: (b)(6)  
Subject: Re: FW: Response Requested: EcoHealth Alliance - GRITS 2.0 - proposal, SOW, & award finalization

Good morning (b)(6)

Below is a screenshot of the document that was sent to your predecessor. The missing value that you are referring to appears to be present in the last batch of documents that was requested and sent to (b)(6)

\* Do you have the latest documents? - Please send me copies and I then I can verify that we are looking at the same docs.

This seemed to be a problem before you were assigned to this project (Sean looking at old documents). I will verify your version of the docs asap and then we can eliminate any potential confusing that may be occurring.

Thank you for being on top of this!

Best,

Andrew

(b)(6) CONTRACTOR wrote:

Dr. Huff, I'm looking over your Cost Summary and it appears that on the "Cost Summary" Tab, Total Direct Labor is missing the last labor category, Software Developer (II) in the total. This happens for both the Base and Option Year. I presume you'd like to add them into the cost summary? This will push the award value to \$5,245,914, assuming the rest of the spreadsheet is correctly calculating indirects.

Please look over this and make any corrections that you feel should be made to correct this. Thank you in advance!

(b)(6)  
Contractor Support  
Sr. Contract Specialist  
JAB Solutions, LLC

Phone: (b)(6)  
Email: (b)(6)

-----Original Message-----

From: (b)(6)  
Sent: Tuesday, December 16, 2014 9:21 AM  
To: 'huff@ecohealthalliance.org' <mailto:huff@ecohealthalliance.org>  
Cc: (b)(6)  
Subject: RE: Response Requested: EcoHealth Alliance - GRITS 2.0 - proposal, SOW, & award

finalization

Dr. Huff,

Good Morning, my name is (b)(6) and I have been assigned your requirement. I will be familiarizing myself with this requirement as well as developing negotiation objectives for the pricing you have proposed. As soon as I have a better understanding of where this process was left upon (b)(6) departure, I will be back in touch with any questions or concerns I have. In the meantime, please don't hesitate to contact me with any questions or concerns of your own!

Respectfully,

(b)(6) Contractor Support  
Sr. Contract Specialist  
JAB Solutions, LLC

Phone: (b)(6)

Email:

-----Original Message-----

From: Dr. Andrew Huff [mailto:huff@ecohealthalliance.org]

Sent: Monday, December 15, 2014 2:13 PM

To: (b)(6)

Cc: (b)(6); Harvey Kasdan; Peter Daszak; William B.

Karesh; Aleksei Chmura

Subject: Re: Response Requested: EcoHealth Alliance - GRITS 2.0 - proposal, SOW, & award

finalization

Thank you Brian for all of your help! I am looking forward to the conversation with your contract specialist.

Best,

Andrew

--

Andrew G. Huff, Ph.D., M.S.  
Senior Research Scientist

EcoHealth Alliance <<http://www.ecohealthalliance.org/>> <<http://www.ecohealthalliance.org/>>  
<<http://www.ecohealthalliance.org/>> <<http://www.ecohealthalliance.org/>> <<http://www.ecohealthalliance.org/>>  
<<http://www.ecohealthalliance.org/>> <<http://www.ecohealthalliance.org/>> <<http://www.ecohealthalliance.org/>>

460 West 34th Street – 17th floor  
New York, NY 10001

1.212.380.4497 (direct)

(b)(6) (mobile)

1.212.380.4465 (fax)

(b)(6)

December 15, 2014 at 1:57 PM

Andrew,

That is correct - in light of (b)(6) departure, my team will be now filling in for the ultimate negotiation of your contract. I am in the process of getting a Contract Specialist from my team assigned to pick up where (b)(6) had left off, which I hope to have finalized by tomorrow, when our Branch Chief returns to the office.

Regarding the award date of the contract, my recommendation for the sake of expectations management would be to plan for the potential for a gap in funding. Whomever is assigned as the new Contract Specialist will need to get up to speed as to where (b)(6) had left off, and the holidays being immediately upon us won't help. Most importantly, however, please understand that this proposal and ultimate contract is completely independent of any other existing contract.

I'll have the new Contract Specialist contact you asap (again, tomorrow, most likely) to introduce himself/herself as he/she begins to get acquainted with the current status of the award process.

Thanks,

(b)(6)

Contracting Officer  
Contracts - Research & Development Division (J4CRC)  
Defense Threat Reduction Agency

(b)(6)

-----Original Message-----

From: Dr. Andrew Huff [<mailto:huff@ecohealthalliance.org>]

Sent: Monday, December 15, 2014 1:24 PM

To: (b)(6)

Cc: (b)(6) Harvey Kasdan; Peter Daszak; William B. Karesh; Aleksei

Chmura

Subject: Re: Response Requested: EcoHealth Alliance - GRITS 2.0 - proposal, SOW, & award

finalization

Thank you Vic! Your assistance is greatly appreciated!

-----  
Hi (b)(6)

I have been having difficulty getting in touch with the contracting officer that we were working with at DTRA (Sean Krisko). This past week at the International Society for Disease Surveillance Annual Conference, I had lunch with (b)(6) (DTRA) and was informed that the contracting officer that was responsible for our GRITS 2 proposal/SOW/contract (b)(6) has left DTRA.

This morning, (b)(6) informed me that I should follow-up (b)(6) to ensure that everything is on track. In turn, (b)(6) has referred me to you.

Here are a few key facts and things that we need to follow-up on:

- \* Our current contract for GRITS 1 expires in roughly 45 days;
- \* We sent the revised SOW to DTRA (b)(6) roughly 2 months ago; and,
- \* We have not received any feedback from him or DTRA since we sent the revised documents to him.

I want to ensure that there are no gaps in our funding and ensure that there are not any delays in the development and advancement of the technologies that we are developing for DTRA.

Please let me know how I can help you get the process get moving again.

Best,

Andrew

Dr. Andrew Huff <<mailto:huff@ecohealthalliance.org>> <<mailto:huff@ecohealthalliance.org>>  
<<mailto:huff@ecohealthalliance.org>> <<mailto:huff@ecohealthalliance.org>> <<mailto:huff@ecohealthalliance.org>>  
<<mailto:huff@ecohealthalliance.org>> <<mailto:huff@ecohealthalliance.org>> <<mailto:huff@ecohealthalliance.org>>

December 15, 2014 at 1:24 PM

Thank you Vic! Your assistance is greatly appreciated!

-----  
Hi (b)(6)

I have been having difficulty getting in touch with the contracting officer that we were working with at DTRA (b)(6). This past week at the International Society for Disease Surveillance Annual Conference, I had lunch with (b)(6) (DTRA) and was informed that the contracting officer that was responsible for our GRITS 2 proposal/SOW/contract (b)(6) has left DTRA.

This morning, (b)(6) informed me that I should follow-up (b)(6) to ensure that everything is on track. In turn, (b)(6) has referred me to you.

Here are a few key facts and things that we need to follow-up on:

- \* Our current contract for GRITS 1 expires in roughly 45 days;
- \* We sent the revised SOW to DTRA (b)(6) roughly 2 months ago; and,
- \* We have not received any feedback from him or DTRA since we sent the revised documents to him.

I want to ensure that there are no gaps in our funding and ensure that there are not any delays in the development and advancement of the technologies that we are developing for DTRA.

Please let me know how I can help you get the process get moving again.

Best,

Andrew

--

-----  
Andrew G. Huff, Ph.D., M.S.  
Senior Research Scientist

EcoHealth Alliance <<http://www.ecohealthalliance.org/>> <<http://www.ecohealthalliance.org/>>  
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<<http://www.ecohealthalliance.org/>> <<http://www.ecohealthalliance.org/>> <<http://www.ecohealthalliance.org/>>  
460 West 34th Street – 17th floor  
New York, NY 10001

1.212.380.4497 (direct)  
(b)(6) (mobile)  
1.212.380.4465 (fax)

(b)(6)

December 15, 2014 at 1:07 PM  
Good Afternoon Dr. Huff,

The specialist (b)(6) has left DTRA. Your contract action has been transferred to (b)(6) (b)(6) who is working on assigning your action to one of his specialist. I apologize for the confusion but I will need to refer you to (b)(6) on future communication.

Respectfully,

Vic

(b)(6) Lead  
Contracting Officer  
DTRA/I4CRC  
Con (b)(6)  
DSN  
Cell  
Fax

(b)(6)

Confidentiality Notice: This e-mail message, including any attachments, is for the sole use of the intended recipient(s) and may contain confidential and/or privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender by reply e-mail and destroy all copies of the original message.

-----Original Message-----

From: Dr. Andrew Huff [<mailto:huff@ecohealthalliance.org>]

Sent: Monday, December 15, 2014 11:41 AM

To: (b)(6)

Cc: [redacted], Harvey Kasdan; Peter Daszak; William B. Karesh; Aleksei

Chmura

Subject: Response Requested: EcoHealth Alliance - GRITS 2.0 - proposal, SOW, & award

finalization

Dear (b)(6)

I have been having difficulty getting in touch with the contracting officer that we were working with at DTRA (b)(6). This past week at the International Society for Disease Surveillance Annual Conference, I had lunch with (b)(6) (DTRA) and was informed that the contracting officer that was in responsible our GRITS 2 proposal/SOW/contract (b)(6) has left DTRA.

This morning (b)(6) informed me that I should follow-up with you to ensure that everything is on track.

Here are a few key facts and things that we need to follow-up on:

- \* Our current contract for GRITS 1 expires in roughly 45 days;
- \* We sent the revised SOW to DTRA (b)(6) roughly 2 months ago; and,
- \* We have not received any feedback from him or DTRA since we sent the revised documents to him.

I want to ensure that there are no gaps in our funding and ensure that there are not any delays in the development and advancement of the technologies that we are developing for DTRA.

Please let me know how I can help you get the process get moving again.

Best,

Andrew

Dr. Andrew Huff <<mailto:huff@ecohealthalliance.org>> <<mailto:huff@ecohealthalliance.org>>  
<<mailto:huff@ecohealthalliance.org>> <<mailto:huff@ecohealthalliance.org>> <<mailto:huff@ecohealthalliance.org>>  
<<mailto:huff@ecohealthalliance.org>> <<mailto:huff@ecohealthalliance.org>> <<mailto:huff@ecohealthalliance.org>>

December 15, 2014 at 11:41 AM

Dear (b)(6)

I have been having difficulty getting in touch with the contracting officer that we were working with at DTRA (b)(6). This past week at the International Society for Disease Surveillance Annual Conference, I had lunch with (b)(6) (DTRA) and was informed that the contracting officer that was in responsible our GRITS 2 proposal/SOW/contract (b)(6) has left DTRA.

This morning, (b)(6) informed me that I should follow-up with you to ensure that everything is on track.

Here are a few key facts and things that we need to follow-up on:

- \* Our current contract for GRITS 1 expires in roughly 45 days;
- \* We sent the revised SOW to DTRA (b)(6) roughly 2 months ago; and,
- \* We have not received any feedback from him or DTRA since we sent the revised documents to him.

I want to ensure that there are no gaps in our funding and ensure that there are not any delays in the development and advancement of the technologies that we are developing for DTRA.

Please let me know how I can help you get the process get moving again.

Best,

Andrew

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Andrew G. Huff, Ph.D., M.S.  
Senior Research Scientist

EcoHealth Alliance <<http://www.ecohealthalliance.org/>> <<http://www.ecohealthalliance.org/>>  
<<http://www.ecohealthalliance.org/>> <<http://www.ecohealthalliance.org/>>  
460 West 34th Street – 17th floor  
New York, NY 10001

1.212.380.4497 (direct)  
(b)(6) (mobile)  
1.212.380.4465 (fax)

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Andrew G. Huff, Ph.D., M.S.  
Senior Research Scientist

EcoHealth Alliance <<http://www.ecohealthalliance.org/>>  
460 West 34th Street – 17th floor

New York, NY 10001

1.212.380.4497 (direct)  
(b)(6) } mobile  
1.212.380.4465 (fax)

(b)(6)

**From:** Karissa Whiting <whiting@ecohealthalliance.org>  
**Sent:** Friday, November 04, 2016 1:24 PM  
**To:** (b)(6)  
**Cc:** Joe Riccardi  
**Subject:** Fwd: [Non-DoD Source] EcoHealth Alliance DTRA invoicing

All active links contained in this email were disabled. Please verify the identity of the sender, and confirm the authenticity of all links contained within the message prior to copying and pasting the address to a Web browser.

---

Hi (b)(6)

DCAA has let us know that they cannot process our invoices from now on, because they only process invoices for DoD contractors that they also perform audits of incurred cost. This was surprising, as we have been invoicing through DCAA for a few years now.

Annually, we send our audits to HHS who approves our rates. We contacted HHS who said we should contact DoD for assistance with this.

Do you know how we can resolve this, or could you please provide a contact of someone who can help us with this?

Thanks in advance!  
Karissa

----- Forwarded message -----

From (b)(6)  
Date: Tue, Nov 1, 2016 at 12:59 PM  
Subject: RE: [Non-DoD Source] EcoHealth Alliance DTRA invoicing  
To: Joe Riccardi <riccardi@ecohealthalliance.org < Caution-mailto:riccardi@ecohealthalliance.org > >

Joe,

As discussed a few weeks back, my management has directed me not to process any more public vouchers from EcoHealth Alliance. Typically, we process vouchers for those DoD contractors that we also perform audits of incurred cost. Therefore, since DCAA is not the cognizant audit agency, we should not continue processing vouchers.

Any questions, please contact me.

(b)(6)

DCAA - Greater Connecticut Branch  
New York Suboffice

201 Varick Street - Room 615

New York, NY 10014

(b)(6)

-----Original Message-----

From: Joe Riccardi [Caution-mailto:riccardi@ecohealthalliance.org < Caution-mailto:riccardi@ecohealthalliance.org > ]

Sent: Tuesday, November 01, 2016 11:02 AM

To: (b)(6)

Subject: [Non-DoD Source] EcoHealth Alliance DTRA invoicing

Good Morning (b)(6)

We had spoken a few weeks ago about not submitting our invoices directly anymore and that HHS needed to provide us with a new location.

Could you please put this in an e-mail so I can provide this to the CFO and President.

Thanks

Joe

--

Joseph Riccardi

Manager of Budget and Finance

EcoHealth Alliance

460 West 34th Street – 17th floor

New York, NY 10001

1.212.380.4494 < tel:1.212.380.4494 > (direct)

(b)(6)

(mobile)

1.212.380.4465 < tel:1.212.380.4465 > (fax)

Caution-www.ecohealthalliance.org < Caution-http://www.ecohealthalliance.org > <Caution-

http://www.ecohealthalliance.org/ < Caution-http://www.ecohealthalliance.org/ > >

EcoHealth Alliance leads cutting-edge research into the critical connections between human and wildlife health and delicate ecosystems. With this science we develop solutions that promote conservation and prevent pandemics..

--

Joseph Riccardi  
Manager of Budget and Finance

EcoHealth Alliance  
460 West 34th Street – 17th floor  
New York, NY 10001

1.212.380.4494 (direct)

(b)(6) (mobile)

1.212.380.4465 (fax)

Caution-[www.ecohealthalliance.org](http://www.ecohealthalliance.org) < Caution-<http://www.ecohealthalliance.org/> >

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--

Karissa Whiting

Research Assistant

EcoHealth Alliance < Caution-<http://www.ecohealthalliance.org> >  
460 West 34th Street – 17th floor  
New York, NY 10001

1.212.380.4476 < tel:1.212.380.4476 > (direct)

(b)(6) (mobile)

1.212.380.4465 < tel:1.212.380.4465 > (fax)

Caution-[www.ecohealthalliance.org](http://www.ecohealthalliance.org) < Caution-<http://www.ecohealthalliance.org/> >

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(b)(6)

**From:** (b)(6)  
**Sent:** Thursday, November 10, 2016 12:57 PM  
**To:** 'ONR\_Boston@navy.mil'  
**Cc:** 'Karissa Whiting'; (b)(6)  
**Subject:** HDTRA1-15-C-0041 EcoHealth Alliance Transfer of Administration from DCMA to ONR  
**Attachments:** HDTRA-15-C-0041-FINAL-ATTACHMENTS.pdf; HDTRA1-15-C-0041-P00001.pdf; HDTRA1-15-C-0041 Mod P00002 signed.pdf; HDTRA1-15-C-0041-P00003 Fully Executed.pdf

Hello,

EcoHealth Alliance, a non-profit company was originally assigned to DCMA for contract administration. Recently DCAA made a determination that they would no longer process EcoHealth invoices, since DCAA is not the auditing agency for EcoHealth.

Modification P00003 transferred the administration assignment from DCMA to ONR - Boston, in order to allow for ONR to work with EcoHealth's auditing agency, HHS.

For your convenience, I'm attaching the Award, Mods P00001, P00002 and P00003 for your files.

Please let me know if you have any questions or need anything further with regard to keeping EcoHealth's invoice payments moving forward.

If you need to contact EcoHealth directly, please check with Karissa Whiting and she will be able to point you in the right direction. Her phone is 212-380-4476, and her email address is whiting@ecohealthalliance.org.

Thank you,

(b)(6)

Senior Contract Specialist (Contractor)  
Contracts - Research & Development Division (J4CRC) Defense Threat Reduction Agency

Phone: (b)(6)  
Email: (b)(6)

Notice: This contractor support employee is acting in an advisory role only and has no authority to bind the government in any way.

**From:** Karissa Whiting  
**To:** (b)(6)  
**Cc:** Andrew Huff; Zachary Gold  
**Subject:** Updated Cost Proposals  
**Date:** Monday, February 9, 2015 5:23:28 PM  
**Attachments:** EHA-COST SUMMARY-02092015-FINAL (2).xlsx  
Kitware- COST BREAKOUT 02092015 (3).xlsx  
Epidemico - COST BREAKOUT 02092016.xlsx

Hi (b)(6)

I have attached updated cost proposals for Kitware, Epidemico and EHA.

The Kitware cost proposal takes into account the extra trip that was missing on the previous version. Airfare and train costs are both correctly indicated to allow trips from North Carolina and Clifton Park (Kitware's two locations).

The Epidemico cost proposal has the updated indirect cost rates taken from their 2015 rate card previously sent. In regards to the HealthMap license fee (\$10,000) I have no further updates on justifications other than what I sent you from Epidemico at the end of last week. If this is not sufficient, let me know if there is anything else EHA can provide you, or we can remove this all together.

The updated EHA cost proposal should reflect these updated subcontractor costs. Please let me know if you have any questions or need anything else from us. Thank you!

Best,  
-Karissa

--

Karissa Whiting

Program Assistant

EcoHealth Alliance <<http://www.ecohealthalliance.org>>  
460 West 34th Street – 17th floor  
New York, NY 10001

1.212.380.4475 (direct)  
(b)(6) (mobile)  
1.212.380.4465 (fax)

[www.ecohealthalliance.org](http://www.ecohealthalliance.org) <<http://www.ecohealthalliance.org>>

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**MATERIALS/EQUIPMENT**

Exp.	Manufacturer	Part Number	Unit Price	Quantity	Total Price	Estimated % used	Additional Information
Equipment	Apple	15-inch Mid-Range Mac	\$2,499.00	8	\$19,992.00	100%	Amount paid: see apple.com - school - go to school CBP materials and services <a href="http://store.apple.com/education/midrange">http://store.apple.com/education/midrange</a> (P115675)
Materials	Apple	Thunderbolt Display	\$899.00	7	\$6,293.00	100%	Amount paid: see apple.com/thunderbolt-display/education/price-adv-9-41-11/see-also/thunderbolt-display/education/price-adv-9-41-11
					\$26,285.00		

Note: Equipment may be listed as a lump sum if individual items cost over \$5,000. For these items that are over \$5,000, list separately to indicate unit cost and % pricing.

# TRAVEL

<b>Trip #:</b>	1	<b>Location:</b>	Boston, MA (HealthMap and ProMED-mail)				<b>Contract Period</b>	
<b>Purpose:</b>	Meet with HealthMap and ProMED-mail editors					Base Period		
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>		
2	2	\$800.00	\$284.00	\$1,000.00	\$240.00	\$2,324.00		
<i>Itemized Expenses for "Other"</i>								
<b>Description</b>		<b>Amount</b>						
Transportation to/from airport and in Boston		\$120.00						
Local transport NYC		\$120.00						
<b>Total:</b>		\$240.00						
<b>Trip #:</b>	2	<b>Location:</b>	Carrboro, NC (Kitware)				<b>Contract Period</b>	
<b>Purpose:</b>	Meet with Kitware database team					Base Period		
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>		
2	2	\$1,000.00	\$224.00	\$500.00	\$240.00	\$1,964.00		
<i>Itemized Expenses for "Other"</i>								
<b>Description</b>		<b>Amount</b>						
Transportation to/from airport and in Carrboro		\$120.00						
Local transport NYC		\$120.00						
<b>Total:</b>		\$240.00						
<b>Trip #:</b>	3	<b>Location:</b>	Clifton Park, NY (Kitware)				<b>Contract Period</b>	
<b>Purpose:</b>	Meet with Kitware visualization team					Base Period		
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>		
2	2		\$224.00	\$500.00	\$720.00	\$1,444.00		
<i>Itemized Expenses for "Other"</i>								
<b>Description</b>		<b>Amount</b>						
Train fare		\$400.00						
Transportation in Clifton Park/Albany		\$120.00						
Local transport NYC		\$200.00						
<b>Total:</b>		\$720.00						
<b>Trip #:</b>	4	<b>Location:</b>	Washington, DC Area (DTRA and BSVE)				<b>Contract Period</b>	
<b>Purpose:</b>	Meet with DTRA and the BSVE team					Option 1		
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>		
2	2	\$1,000.00	\$284.00	\$1,000.00	\$320.00	\$2,604.00		
<i>Itemized Expenses for "Other"</i>								
<b>Description</b>		<b>Amount</b>						
Transportation to/from airport and in DC		\$120.00						
Local transport NYC		\$200.00						
<b>Total:</b>		\$320.00						
<b>Trip #:</b>	5	<b>Location:</b>	Washington, DC Area (DTRA and BSVE)				<b>Contract Period</b>	
<b>Purpose:</b>	Meet with DTRA and the BSVE team					Option 1		
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>		
2	2	\$500.00	\$284.00	\$1,000.00	\$320.00	\$2,104.00		
<i>Itemized Expenses for "Other"</i>								
<b>Description</b>		<b>Amount</b>						
Transportation to/from airport and in DC		\$120.00						
Local transport NYC		\$200.00						
<b>Total:</b>		\$320.00						
<b>Trip #:</b>	6	<b>Location:</b>	TBD (Digital Disease Detection Conference)				<b>Contract Period</b>	
<b>Purpose:</b>	Attend Digital Disease Detection Conference hosted by HealthMap					Option 1		
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>		
4	2	\$1,000.00	\$568.00	\$3,000.00	\$320.00	\$4,888.00		
<i>Itemized Expenses for "Other"</i>								
<b>Description</b>		<b>Amount</b>						
Transportation to/from airport and during confere		\$120.00						
Local transport NYC		\$200.00						

		<b>Total:</b>	5320.00	
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**SUBCONTRACTORS**

Company Name	Total Price	Contract Period	Additional Information
Kitware	\$506,686.72	Base Period	
Epidemico	\$612,937.76	Base Period	
ISID	\$124,521.99	Base Period	
Kitware	\$521,887.33	Option I	
Epidemico	\$630,875.90	Option I	
ISID	\$128,257.65	Option I	



**MATERIALS/EQUIPMENT**

Year	Manufacturer	Part Number	Unit Price	Quantity	Total Price	Contract Period	Additional Information
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Note:

Consumables may be listed as a lump sum if no individual items are over \$5,000. For those items that are over \$5,000, list separately from the rest of consumable pricing.

## TRAVEL

Trip #:	1	Location:	New York City		Contract Period		
<b>Purpose:</b>	Meet with full New York based Data Science and Research Technology team						
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
2	2	\$200.00	\$284.00	\$534.00	\$220.00	\$1,238.00	
<i>Itemized Expenses for "Other"</i>							
<b>Description</b>		<b>Amount</b>					
Train fare		\$100.00					
Transportation in New York City		\$120.00					
<b>Total:</b>		\$220.00					
<b>Trip #:</b>	2	<b>Location:</b>	New York City		<b>Contract Period</b>		
<b>Purpose:</b>	Meet with full New York based Data Science and Research Technology team						
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
2	2	\$200.00	\$284.00	\$534.00	\$220.00	\$1,238.00	
<i>Itemized Expenses for "Other"</i>							
<b>Description</b>		<b>Amount</b>					
Train fare		\$100.00					
Transportation in New York City		\$120.00					
<b>Total:</b>		\$220.00					
<b>Trip #:</b>	3	<b>Location:</b>	Washington, DC Area (DTRA and BSVE)		<b>Contract Period</b>		
<b>Purpose:</b>	Meet with DTRA and the BSVE team						
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
2	2	\$420.00	\$284.00	\$364.00	\$120.00	\$1,178.00	
<i>Itemized Expenses for "Other"</i>							
<b>Description</b>		<b>Amount</b>					
Transportation to and from airport and in Washington, DC Metro area		\$120.00					
<b>Total:</b>		\$120.00					
<b>Trip #:</b>	4	<b>Location:</b>	Washington, DC Area (DTRA and BSVE)		<b>Contract Period</b>		
<b>Purpose:</b>	Meet with DTRA and the BSVE team						
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
\$2.00	\$2.00	\$420.00	\$284.00	\$364.00	\$120.00	\$1,178.00	
<i>Itemized Expenses for "Other"</i>							
<b>Description</b>		<b>Amount</b>					
Transportation to and from airport and in Washington, DC Metro area		\$120.00					
<b>Total:</b>		\$120.00					

OTHER DIRECT COSTS			
Description	Total Price	Contract Period	Additional Information

<b>SUBCONTRACTORS</b>			
Company Name	Total Price	Contract Period	Additional Information

Company Name	Total Price	Contract Period	Additional Information
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Cost Element	Base Period			Option I			Option II			Option III		
	Rate	Quantity	Total Amount	Rate	Quantity	Total Amount	Rate	Quantity	Total Amount	Rate	Quantity	Total Amount
	Hourly	# Hrs		Hourly	# Hrs		Hourly	# Hrs		Hourly	# Hrs	
Labo Category & Title												
D.L. Brownlee	\$77.26	710	\$58,847.50	\$79.37	710	\$56,452.93	\$	XX	\$	\$	XX	\$
Clark Frazier - Senior Software Programmer	65.50	710	\$46,505.00	\$66.85	710	\$47,281.50	\$	XX	\$	\$	XX	\$
Harold Rodriguez - Software Programmer	37.55	1710	\$64,210.50	\$38.66	1710	\$66,118.62	\$	XX	\$	\$	XX	\$
Kate O'Brien - Frontend Software Developer	32.19	1610	\$51,825.90	\$33.16	1610	\$53,290.68	\$		\$	\$		\$
Chi Bohn, Project Manager	28.51	1710	\$48,652.61	\$29.46	1710	\$50,276.66	\$	XX	\$	\$	XX	\$
Carrie Prince - Data Collector	28.51	1710	\$48,652.61	\$29.46	1710	\$50,276.66	\$	XX	\$	\$	XX	\$
<b>TOTAL DIRECT LABOR</b>		8165	\$311,095.65		8165	\$320,535.62		XX	\$		XX	\$
LABOR BURDEN	Rate	Rate Applied to	Total Amount	Rate	Rate Applied to	Total Amount	Rate	Rate Applied to	Total Amount	Rate	Rate Applied to	Total Amount
FRINGE BENEFITS	0.27	\$311,095.65	\$85,971.53	0.27	\$320,535.62	\$86,492.67	%	\$	\$	%	\$	\$
<b>TOTAL LABOR BURDEN</b>			\$85,971.53			\$86,492.67			\$			\$
<b>TOTAL MATERIALS</b>			\$0.00			\$0.00			\$			\$
<b>TOTAL TRAVEL COSTS</b>			\$5,628.60			\$3,757.44			\$			\$
<b>TOTAL ALL OTHER DIRECT COSTS</b>			\$10,000.00			10000			\$			\$
<b>TOTAL SUBCONTRACTOR COSTS</b>			\$0.00			\$			\$			\$
<b>TOTAL DIRECT COSTS</b>			\$406,625.18			\$420,533.93			\$			\$
G&A F&A FUDCM	Rate	Rate Applied to	Total Amount	Rate	Rate Applied to	Total Amount	Rate	Rate Applied to	Total Amount	Rate	Rate Applied to	Total Amount
G&A AND OVERHEAD	0.5	\$406,625.18	\$204,312.59	\$0.50	\$420,533.93	\$210,291.97	%	\$	\$	%	\$	\$
FACILITIES CAPITAL COST OF MONEY (FCCOM) (Attach Complete DD Form 1881)			\$			\$			\$			\$
<b>TOTAL COSTS</b>			\$612,937.76			\$630,825.90			\$			\$
FEE/PROFIT	Fee Rate	Fee Rate Applied to (Total cost excluding G&A & FCCOM)	Total Amount	Fee Rate	Fee Rate Applied to (Total cost, excluding Travel & FCCOM)	Total Amount	Fee Rate	Fee Rate Applied to (Total cost, excluding Travel & FCCOM)	Total Amount	Fee Rate	Fee Rate Applied to (Total cost, excluding Travel & FCCOM)	Total Amount
FEE OR PROFIT	%	\$	\$	%	\$	\$	%	\$	\$	%	\$	\$
<b>TOTAL COST PLUS FEE</b>			\$			\$			\$			\$

**MATERIALS/EQUIPMENT**

Desc.	Man. Part no.	Part Number	Unit Price	Quantity	Total Price	Contract Period	Add'l Unit Price/Order
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Note:

Consumables may be listed as a lump sum if no individual items over \$5,000. For those items that are over \$5,000, list separately from the rest of consumable pricing.

## TRAVEL

<b>Trip #:</b>	1	<b>Location:</b>	New York City (through JFK Airport)			<b>Contract Period</b>	
<b>Purpose:</b>	Meet with full New York based Data Science and Research Technology team					Base Period	
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
2	2	\$300.00	\$284.00	\$600.00	\$2.00.00	\$1,824.00	
<i>Itemized Expenses for "Other"</i>							
<b>Description</b>		<b>Amount</b>					
Transportation to and from airport and in New York City		\$120.00					
<b>Total:</b>		\$120.00					
<b>Trip #:</b>	2	<b>Location:</b>	Washington DC Area (DTRA and HSYU)			<b>Contract Period</b>	
<b>Purpose:</b>	Meet with DTRA and the BSVL team					Base Period	
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
2	2	\$300.00	\$284.00	\$600.00	\$2.00.00	\$1,824.00	
<i>Itemized Expenses for "Other"</i>							
<b>Description</b>		<b>Amount</b>					
Transportation to and from airport and in Washington, DC Metro area		\$120.00					
<b>Total:</b>		\$120.00					
<b>Trip #:</b>		<b>Location:</b>				<b>Contract Period</b>	
<b>Purpose:</b>						(Select Period)	
<b>Days</b>	<b># of People</b>	<b>Airfare</b>	<b>Per Diem</b>	<b>Lodging</b>	<b>Other</b>	<b>Total</b>	
						\$0.00	
<i>Itemized Expenses for "Other"</i>							
<b>Description</b>		<b>Amount</b>					
		\$0.00					

**OTHER DIRECT COSTS**

Description	Total Price	Contract Period	Additional Information
HealthMap License Fee	510,000	Base Period	HealthMap data license fee
HealthMap License Fee	510,000	Option Year 1	HealthMap data license fee

<b>SUBCONTRACTORS</b>			
Company Name	Total Price	Contract Period	Additional Information

## **Volume I: Technical Proposal**

## I. Abstract

EcoHealth Alliance (EHA) proposes a Global Rapid Identification Tool System (GRITS) to deliver near-real-time disease diagnostics, decision support, and data processing to the BSVE. We aim to enhance our current GRITS platform, developed with DTRA support, by scaling this system to handle large data volumes in near-real-time, enhancing diagnostic capabilities through network and cluster analysis, and improving visualization through use of the latest reactive web technologies. GRITS will also utilize the benefits and explore the integration of crowdsourcing, collective intelligence, and expert review. This tool will rely on automation to ingest media, extract key disease characteristics, and recommend resources, increasing the specificity of the data feed to an analyst's workflow. We propose building an app with the BSVE SDK that allows BSVE users to submit resources to diagnose and to connect with experts from ProMED, HealthMap and EcoHealth, thereby increasing our network of experts from digital surveillance and open source communities. The diagnostic results generated by GRITS have immediate applications for risk mapping, outbreak prediction, and early warning of microbial threats, advancing our readiness to combat the broad class of chemical and biological threats posed by EIDs.

### Keywords

disease ecology, digital diagnostics, natural language, machine learning, emergent media, network, real-time, data science

## II. Scope

### A. Objective

EcoHealth Alliance (EHA) proposes a Global Rapid Identification Tool System (GRITS) for diagnosing infectious disease bioevents. Our current GRITS media diagnostic tool (GRITS.md) delivers ranked differential diagnoses to pinpoint and identify disease threats more rapidly than current public health systems. Our specific objective with this proposal is to leverage the GRITS platform, developed with DTRA support since January 2013, and expand it to deliver near-real-time disease diagnostics, decision support, and data processing to the BSVE. These enhanced capabilities will be powered by GRITS analytics, visualizations, and data, all connected to our network of experts from digital surveillance and open source communities.

### B. Background

The discovery of HIV/AIDS in the 1980s marked the transition from declaring victory over infectious diseases, to global increases in disease emergence and re-emergence<sup>1</sup>. EcoHealth Alliance (EHA) is at the forefront of organizations working to 'get ahead of the epidemic curve' by identifying these threats before the next pandemic or extinction event. Our researchers pioneered the identification of the origins of pathogens, such as Nipah virus<sup>2</sup>, SARS<sup>3</sup>, and MERS<sup>4</sup>. We constantly seek innovative approaches to target our field surveillance efforts on emerging threats<sup>5</sup>. To this end, the global increase in the volume of data, from the growth of the web and instrumented systems, presents both a challenge to traditional surveillance approaches and a tremendous opportunity for novel discoveries.

Various biosurveillance technologies have been developed to monitor Internet data sources, for instance, syndromic surveillance initiatives target surrogate indicators of a disease outbreak<sup>6</sup>. As with other sectors, such as commerce, marketing, and finance, the challenge is to manage the

expanding volume of data while identifying signals of interest<sup>7</sup>. In the case of EIDs, access to emergent media, including participatory, personal, and interactive media, characterized by decentralized content generation (e.g. the blogosphere, internationalization, and social media), presents an opportunity to detect early mentions of disease characteristics and anomalies of interest.

The GRITS partners are among the leading organizations in this domain. ProMED-mail (International Society of Infectious Diseases) manages a global email network of clinicians who are often among the first to identify and report disease threats<sup>8</sup>. Epidemico (HealthMap)<sup>9</sup> actively curates an expanding catalog of relevant news and social media assets. Both organizations are unique among their peers in leveraging broad networks of experts to curate and reduce the volume of media to a high-quality feed. Kitware Inc., our technical partner, has engineered sustainable communities around successful, high-impact open source scientific software.

EcoHealth assembled the GRITS team to advance the state-of-the-art in the detection and diagnosis of disease threats. GRITS combines new technologies with expert networks to apply the sciences of disease ecology and epidemiology to diagnosing big data for near-real-time disease situation awareness. We built GRITS upon pre-existing communities of expertise, rather than *de novo* technical solutions, recognizing that human experts must be integrated into the platform to ensure its intelligence and growth. In addition, we sought novel mechanisms for decision support by organizing, prioritizing, contextualizing, and linking information to relevant current and historic resources. Overall, we deploy science at the core of our systems to assemble near-real-time information in a manner that supports decision makers with diagnostic tools built by, and for, the digital disease ecology community. The diagnostic results generated by GRITS have immediate applications for risk mapping, outbreak prediction, and early warning of microbial threats.

#### Description of GRITS Capabilities

We take a diagnostic approach to identifying disease threats, setting research priorities, and strategically deploying our field teams. GRITS ingests and processes data feeds to provide decision support to analysts, with the following capabilities:

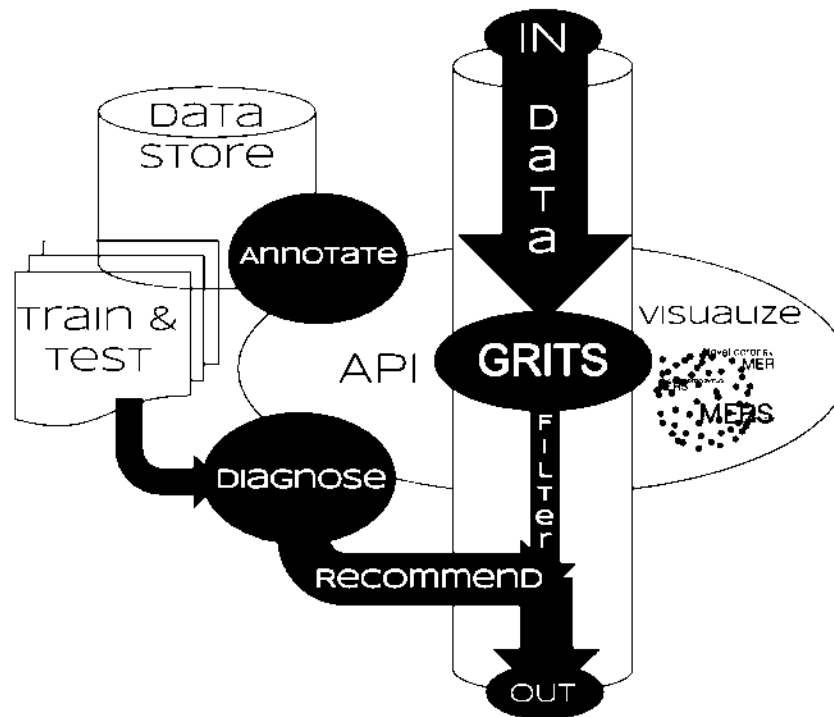
**Diagnose** - Identify the disease(s) described in a resource. Return a ranked list of disease with quantitative metrics of certainty (differential diagnoses).

**Mine** - Extract the key components of document via automated analysis, collective annotation, and expert curation. Return a set of relevant information.

**Recommend** - Expand the materials available to the analyst. Return a collection of recommended resources that provide historic and contemporary context.

**Filter** - Reduce the complexity of the data feed by selecting those documents that meet diagnostic criteria of interest to the analyst. Return a filtered subset of data.

**Connect** - Relate the material to underlying ontologies to provide a decision framework for the analyst. Return connections to other bioevents based on underlying network structures (e.g. geography, ecology, time, host, pathogen, and environmental drivers).



### Sources of GRITS biointelligence

- A. Machine**      Data mining, machine learning, and natural language processing
- B. Expert**        Elicitation, consultation, and peer review
- C. Collective**    Crowdsourcing annotation and human intelligence tasks

#### A. Machine

GRITS leverages automation to ingest, process, and return an initial diagnosis of digital media, reducing the extraneous sources of information through which experts and reviewers must sort. The GRITS text mining system extracts key disease characteristics, such as locations, case counts, and dates, for our metadata and diagnostic models. These features, which may be combined into composite features by high level rules, are based on sentence patterns and keywords chosen from third-party sources such as WordNet, Geonames, Disease Ontology, Symptom Ontology, and Biocaster Ontology. The categories we extract, such as hosts, pathogens, diseases, signs and symptoms, drivers, and transmission types, are also informed by historic disease event data curated via our GRID project, and prioritized through consultation with our experts. The GRITS diagnostic models, that use machine learning algorithms based on extracted keywords to classify articles, are trained on test articles labeled with diseases by our partners. A key function of this machine intelligence is to provide the materials and platforms to crowdsource the training data.

#### B. Expert

GRITS is designed to be tightly integrated with a broad network of experts who contribute

relevant domain expertise ranging from disease ecology, wildlife health, epidemiology, biosurveillance, and medicine. We propose to enhance the accuracy of text mining service through expert consultation and close integration with public ontologies maintained by expert communities. We currently rely on experts to curate our content; however, we hope to close the loop by allowing BSVE users to contact these expert communities for input, including diagnostic advice, regional expertise, and language support (GRITS.net).

To fully integrate our users, we propose extending GRITS to provide more insight and flexibility in its operation. We wish to create mechanisms to edit and examine the effects of keywords on diagnosis, customize extracted features, and provide feedback on the 'best' diagnosis, thereby iteratively generating training data for the diagnostic algorithms. We also intend to test the article representations we use for classification through game-based mechanisms to identify areas for improvement in our representations. By combining a rule-based system with an algorithmic approach, the platform maintains both greater potential for expert input and easy interpretation for non-technical users.

### **C. Collective**

The machine learning component of GRITS requires training data from portfolios of articles with disease labels and disease characteristic metadata, information collected from HealthMap and ProMed editors in order to highlight and categorize important features and relationships. These are then used to train classifiers to identify specific features of importance. To extend the range of articles we can classify, we propose using crowdsourcing methods via Amazon's Mechanical Turk and Zooniverse to generate labels and annotations for articles that do not require domain expertise.

To further enhance the accuracy of the GRITS classification algorithms, we propose crowdsourcing a diagnostic challenge, whereby we host and share our training data on an existing challenge platform (e.g. Kaggle), where programmers compete to build classifiers to improve accuracy. These approaches would compliment the models developed by our internal users and promote global citizenship in combating the scourge of emerging infectious disease. Finally, we propose integrating EHA's Global Repository for Infectious Diseases (GRID) to solicit collective intelligence and peer editing to develop a canonical collection of event data portfolios for BSVE users and the broader scientific community. The BSVE will have access to the GRID API throughout the contract period with an option to continue access through continued funding. EHA will also provide a copy of the GRID data to DTRA at the end of the contract period.

Our three-pronged approach (machine, expert, and collective) is a unique strength of the GRITS platform. Experts contribute keywords and rules to improve automated text mining tools, identify human intelligence tasks, and prioritize areas for algorithm development. Meanwhile, the automated tools enable experts to make the best use of their time by farming out less specialized tasks to the crowd, identifying errors in the data sources, and notifying editors or creating tasks to crowdsource solutions. In the case that there isn't enough data to deliver an accurate diagnosis, GRITS will identify the most useful information in distinguishing disease candidates and recommend an expert or field team to consult from our network (GRITS.net). Combined, this presents a unique conceptual model and workflow for supporting outbreak investigation.

