

AWARD/CONTRACT		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		RATING DX-C9	PAGE OF PAGES 1 31
2. CONTRACT (Proc Inst Ident) NO. HQ0147-17-C-0005		3. EFFECTIVE DATE 5-MAY-2017		4. REQUISITION/PURCHASE REQUEST/PROJECT NO. HQ0147757759	
5. ISSUED BY MISSILE DEFENSE AGENCY (MDA) CONTRACTS DIRECTORATE BLDG 5222 MARTIN RD REDSTONE ARSENAL AL 35898-0001		CODE HQ0147	6. ADMINISTERED BY (If other than Item 5) DCMA RAYTHEON TUCSON BLDG 801 MS J-2 TUCSON AZ 85734-1337		CODE S0305A
7. NAME AND ADDRESS OF CONTRACTOR (No. street city county state and zip code) RAYTHEON COMPANY CONTRACTS MANAGER 1151 E HERMANS RD TUCSON AZ 85735-9087		8. DELIVERY [] FOB ORIGIN [X] OTHER (See below)		9. DISCOUNT FOR PROMPT PAYMENT	
CODE 15090		FACILITY CODE		10. SUBMIT INVOICES 1 (1 copies unless otherwise specified) TO THE ADDRESS SHOWN IN	
11. SHIP TO/MARK FOR MISSILE DEFENSE AGENCY (MDA) BLDG 5222 MARTIN RD REDSTONE ARSENAL AL 35898-0001		CODE HQ0147	12. PAYMENT WILL BE MADE BY DFAS COLUMBUS CENTER DFAS-COMEST ENTITLEMENT OPERATIONS P O BOX 102301 COLUMBUS OH 43218-2301		CODE HQ0339
13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION [] 10 U.S.C. 2304(c) [] 41 U.S.C. 253(c)		14. ACCOUNTING AND APPROPRIATION DATA See Schedule			
15A. ITEM NO.	15B. SUPPLIES/SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT
SEE SCHEDULE					
15G. TOTAL AMOUNT OF CONTRACT					\$6,317,200.00
16. TABLE OF CONTENTS					
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PART I - THE SCHEDULE			PART II - CONTRACT CLAUSES		
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X G	CONTRACT ADMINISTRATION DATA	9-12	L	INSTRS, CONDS, AND NOTICES TO OFFERORS	
X H	SPECIAL CONTRACT REQUIREMENTS	13-22	M	EVALUATION FACTORS FOR AWARD	
CONTRACTING OFFICER WILL COMPLETE ITEM 17 (SEALED BID) OR NEGOTIATED PROCUREMENT OR 18 (SEALED BID PROCUREMENT) AS APPLICABLE					
17 (X) CONTRACTOR'S NEGOTIATED AGREEMENT: Contractor is required to sign this document and submit (copies to issuing office). Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets 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 specification, if any; and (c) such provisions, representations, certifications and specifications as are attached or incorporated by reference herein. All other bids are void herein.			18 () SEALED BID AWARD: Contractor is not required to sign this document. You must submit Solicitation Number: _____ including the additions or changes made by you which additions or changes are set forth in full above or hereby attached as follows: (a) the Government's solicitation and your bid; and (b) the award contract. No further documents are necessary. (Block 18 should be checked only when awarding a sealed bid contract.)		
19A. NAME AND TITLE OF SIGNER (Last name)			19B. NAME OF CONTRACTING OFFICER		
b)(6)			b)(6)		
b)(6)			b)(6)		
19C. DATE SIGNED		19D. UNITED STATES OF AMERICA		19E. DATE SIGNED	
5 May 2017		b)(6)		5-MAY-2017	
			(Signature of Contracting Officer)		

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Previous editions are NOT usable

STANDARD FORM 24 (REV. 1/98)

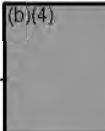
Prescribed by GSA - FAR (48 CFR) 101-11.6

Section B - Supplies or Services and Prices



ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	Research & Development CPFF The contractor shall perform Tasks 5.1, 5.1.4, 5.2, 5.2.1, 5.2.2, 5.2.6, 5.3, 5.3.1, 5.3.2, 5.3.3, 5.3.4, 5.3.6, 5.4, 5.4.1, 5.4.2, 5.4.3, 5.4.5, 5.5, 5.5.9, 6, 8, 9.3 in accordance with the Statement of Work and the DD254 as identified in Section C and J of this contract. This is a CPFF completion contract: Fixed Fee is not to be applied to ODCs, Materials and Subcontractor costs. NOTE: The requirements in DFARS 252.211-7003, Item Identification and Valuation, are applicable for this line item. The contractor shall provide DoD unique identification or a DoD recognized unique identification equivalent. FOB: Destination	1	Each		(b)(4)
				ESTIMATED COST FIXED FEE	(b)(4)
				TOTAL EST COST + FEE	(b)(4)

FSC CD: AC23

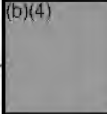
ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000101	Funding for CLIN 0001 CPFF PURCHASE REQUEST NUMBER: HQ0147757759				(b)(4)
				ESTIMATED COST FIXED FEE	(b)(4)
				TOTAL EST COST + FEE	(b)(4)
	ACRN AA CIN: HQ0147757759000101				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	Data and Reports CPFF The contractor shall provide data in accordance with the Contract Data Requirement Listing (CDRL) identified in Section J, Exhibit A. FOB: Destination	1	Each		NSP
				ESTIMATED COST	
				FIXED FEE	
				TOTAL EST COST + FEE	

FSC CD: AC23

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1001 OPTION	Option 1 Research & Development CPFF The contractor shall perform Tasks 5.2, 5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.3, 5.3.5, 5.3.6, 5.4, 5.4.4, 5.4.5, 5.5, 5.5.9, 6, 8, 9.3 in accordance with the Statement of Work and the DD254 as identified in Section C and J of this contract. This is a CPFF completion contract: Fixed Fee is not to be applied to ODCs, Materials and Subcontractor costs. FOB: Destination	1	Each		
				ESTIMATED COST	
				FIXED FEE	
				TOTAL EST COST + FEE	

FSC CD: AC23

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1002	Data and Reports	1	Each		NSP
EXERCISED OPTION	CPFF				
	The contractor shall provide data in accordance with the Contract Data Requirement Listing (CDRL) identified in Section J, Exhibit A.				
	FOB: Destination				
				ESTIMATED COST	
				FIXED FEE	
				TOTAL EST COST + FEE	

FSC CD: AC23

Section C - Descriptions and Specifications

CONTRACTOR MANPOWER REPORTING

The contractor 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 is required to completely fill in all required data fields using the following web address: <http://www.ecmra.mil/>

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C-01 SCOPE OF WORK (MAY 2005)

The Contractor shall perform the work specified in the Statement of Objectives/ Statement of Work (SOO/SOW) or other Attachments and Exhibits in Section J of this contract. The Contractor shall provide all necessary materials, labor, equipment and facilities incidental to the performance of this requirement.

Section D - Packaging and Marking

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D-01 PACKAGING AND MARKING OF TECHNICAL DATA (APR 2009)

Technical data items shall be preserved, packaged, packed, and marked in accordance with the best commercial practices to meet the packaging requirements of the carrier and insure safe delivery at destination. Classified reports, data and documentation shall be prepared for shipment in accordance with the current National Industrial Security Program Operating Manual (NISPOM), DOD 5220.22-M.

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D-02 PACKAGING AND MARKING OF HARDWARE ITEMS (APR 2009)

a. The contractor shall utilize best commercial practices for the preservation, packaging, marking and labeling of any hardware delivered under this contract to insure safe delivery at final destination. However, the contractor should also note the requirements of DFARS 252.211-7003, Item Identification and Valuation, if applicable.

b. Packaging and marking of hazardous materials shall comply with Title 49 of the Code of Federal Regulation and the International Maritime Dangerous Goods Code..

c. MARKING INSTRUCTIONS FOR MISSILE DEFENSE AGENCY (MDA) REQUIREMENTS – Request for marking instructions shall be submitted electronically at least 90 days prior to required delivery date, to the COR:

Missile Defense Agency, MDA/BC
5222 Marting Road
Redstone Arsenal, AL 35898

(b)(6)

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
000101	N/A	N/A	N/A	N/A
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
252.246-7000	Material Inspection And Receiving Report	MAR 2008

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC / CAGE
0001	POP 05-MAY-2017 TO 04-JAN-2019	N/A	MISSILE DEFENSE AGENCY (MDA) BLDG 5222 MARTIN RD REDSTONE ARSENAL AL 35898-0001 FOB: Destination	HQ0147
000101	N/A	N/A	N/A	N/A
0002	POP 05-MAY-2017 TO 04-JAN-2019	N/A	MISSILE DEFENSE AGENCY (MDA) BLDG 5222 MARTIN RD REDSTONE ARSENAL AL 35898-0001 FOB: Destination	HQ0147
1001	POP 05-JAN-2019 TO 04-JAN-2020	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	HQ0147
1002	POP 05-JAN-2019 TO 04-JAN-2020	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	HQ0147

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

AA: 04441	007	0400 000	N	20162017	D	2520	XI_SD01P_FY16	B3-DE-FY1617	7IBC	255
AMOUNT	(b)(4)									
ACRN	CLIN/SLIN			CIN				AMOUNT		
AA	000101			HQ0147757759000101				(b)(4)		

CLAUSES INCORPORATED BY REFERENCE

52.219-8	Utilization of Small Business Concerns	OCT 2014
52.219-28	Post-Award Small Business Program Rerepresentation	JUL 2013

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252.204-0004 LINE ITEM SPECIFIC: BY FISCAL YEAR. (SEP 2009)

The payment office shall make payment using the oldest fiscal year appropriations first, exhausting all funds in the previous fiscal year before disbursing from the next fiscal year. In the event there is more than one ACRN associated with the same fiscal year, the payment amount shall be disbursed from each ACRN within a fiscal year in the same proportion as the amount of funding obligated for each ACRN within the fiscal year.

(End of clause)

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252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (MAY 2013)

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

Department of Defense Activity Address Code (DoDAAC) is a six position code that uniquely identifies a unit, activity, or organization.

Document type means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

Local processing office (LPO) is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) Electronic invoicing. The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

(c) WAWF access. To access WAWF, the Contractor shall--

(1) Have a designated electronic business point of contact in the System for Award Management at <https://www.acquisition.gov>; and

(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this Web site.

(d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the "Web Based Training" link on the WAWF home page at <https://wawf.eb.mil/>.

(e) WAWF methods of document submission. Document submissions may be via Web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) WAWF payment instructions. The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) Document type. The Contractor shall use the following document type(s).

Cost Voucher

(2) Inspection/acceptance location. The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer.

Destination

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Routing Data Table*

Field Name in WAWF	Data to be entered in WAWF
Pay Official DoDAAC	HQ0339
Issue By DoDAAC	HQ0147
Admin DoDAAC	S0305A
Inspect By DoDAAC	HQ0147
Ship To Code	HQ0147
Ship From Code	HQ0147
Mark For Code	N/A
Service Approver (DoDAAC)	S0305A
Service Acceptor (DoDAAC)	S0305A
Accept at Other DoDAAC	HQ0147
LPO DoDAAC	N/A

DCAA Auditor DoDAAC HAA034
 Other DoDAAC(s) N/A

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the email address identified below in the "Send Additional Email Notifications" field of WAWF once a document is submitted in the system.

MDA E-Business Service Desk
 ebiz@mda.mil
 (256) 450-1776

(g) WAWF point of contact. (1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

MDA E-Business Service Desk
 ebiz@mda.mil
 (256) 450-1776

(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

(End of clause)

G-01 CONTRACT ADMINISTRATION (MAY 2012)

Notwithstanding the Contractor's responsibility for total management during the performance of this contract, the administration of the contract will require maximum coordination between the Government and the Contractor. The following individuals will be the Government points of contact during the performance of this contract:

a. CONTRACTING OFFICERS

All contract administration will be effected by the Procuring Contracting Officer (PCO) or designated Administrative Contracting Officer (ACO). Communication pertaining to the contract administration should be addressed to the Contracting Officer. Contract administration functions (see FAR 42.302 and DFARS 242.302) are assigned to the cognizant contract administration office. No changes, deviations, or waivers shall be effective without a modification of the contract executed by the Contracting Officer or his duly authorized representative authorizing such changes, deviations, or waivers.

The point of contact for all contractual matters is:

Name: (b)(6)
 Organizational Code: MDA/DACV
 Telephone Number: (b)(6)
 E-Mail Address: (b)(6)

b. CONTRACTING OFFICER'S REPRESENTATIVE/CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE

Neither the Contracting Officer's Representative (COR) nor the Contracting Officer's Technical Representative (COTR) is authorized to change any of the terms and conditions of the contract. The Contractor is advised that only the Contracting Officer can change or modify the contract terms or take any other action which obligates the Government. Then, such action must be set forth in a formal modification to the contract. The authority of the COR and the COTR is strictly limited to him/her, without redelegation, to the specific duties set forth in his/her letter of appointment, a copy of which is furnished to the Contractor. Contractors who rely on direction from other than the Contracting Officer, a COR or a COTR acting outside the strict limits of his/her responsibilities as set forth in his/her letter of appointment do so at their own risk and expense. Such actions do not bind the Government contractually. Any contractual questions shall be directed to the Contracting Officer.

The COR under this contract is:

Name: (b)(6)
Organizational Code: MDA/DEM
Telephone Number: (b)(6)
E-Mail Address: (b)(6)

c. CONTRACTING OFFICIAL FOR eSRS

FAR 52.219-9, Small Business Subcontracting Plan requires the use of the Electronic Subcontracting Reporting System (eSRS) for subcontract reporting. The contracting official for eSRS under this contract is:

Name: (b)(6)
Organizational Code: MDA/DEM
Telephone Number: (b)(6)
E-Mail Address: (b)(6)

For detailed information regarding eSRS visit <http://www.acq.osd.mil/dpap/pdi/eb/index.html>.

G-06 ALLOTMENT OF FUNDS (MAY 2005)

Pursuant to FAR 52.232-22, "Limitation of Funds," the total amount of funds presently available for payment and allotted to this contract (which covers all items, including fee payable), and the estimated period of performance said funds cover, are as follow: *

* See Section J Attachment 5 "Incremental Funding Schedule"

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G-10 SEGREGATION OF COSTS (MAY 2005)

For CLIN(s) 0001, 0002, and their respective Option CLINs, vouchers shall contain actual hours and costs by cost element (cost elements shall be at the lowest level of identification/ discrimination consistent with the Contractor's cost accounting system) and overall cumulative summaries of all work vouchered to date.

Section H - Special Contract Requirements

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H-06 INSURANCE (Apr 2009)

In accordance with FAR Part 28.307-2, Liability, the Contractor shall maintain the types of insurance and coverage listed below:

TYPES OF INSURANCE	MINIMUM AMOUNT
Workmen's Compensation and all occupational disease Employer's Liability including all occupational disease when not covered by Workmen's Compensation above	As required by Federal and State law \$100,000 per accident
General Liability (Comprehensive) Bodily Injury	\$500,000 per occurrence
Automobile Liability (Comprehensive)	
Bodily Injury per person	\$200,000
Bodily Injury per accident	\$500,000
Property Damage per accident	\$ 20,000

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H-08 PUBLIC RELEASE OF INFORMATION (Jun 2013)

- a. The policies and procedures outlined herein apply to information submitted by the Contractor and his subcontractors for approval for public release. Prior to public release, all information must be cleared as shown in the "National Industrial Security Program Operations Manual" (DoD 5220.22-M). At a minimum, these materials may be technical papers, presentations, articles for publication and speeches or mass media material, such as press releases, photographs, fact sheets, advertising, posters, compact discs, videos, etc.
- b. All materials which relate to the work performed by the contractor under this contract must be submitted to MDA for review and approval prior to release to the public. Subcontractor public information materials must be submitted for approval through the prime contractor to MDA.
- c. Upon request, the Contracting Officer's Representative (COR) will provide the contractor the MDA Form 003, "Security and Policy Review" or any superseding MDA form. The contractor must complete Sections A-C and E-H of the Form 003 (or comply with the instructions of any superseding form) and submit it to the COR with the materials to be cleared. If the information was previously cleared, provide the Public Release Case Number, if available, and a copy of the previous document highlighting the updated information.
- d. The contractor must submit the following to the COR at least 60 days in advance of the proposed release date:

- (1) the completed Form 003 and one (1) electronic copy of the material to be reviewed. File size must not exceed 25MB; and,
- (2) a written statement, including:
 - (a) to whom the material is to be released;
 - (b) the desired date for public release;
 - (c) a statement that the material has been reviewed and approved by officials of the contractor or the subcontractor, for public release; and,
 - (d) the contract number.
- e. The items submitted must be complete. Photographs must have captions.
- f. Outlines, rough drafts, marked-up copy (with handwritten notes), incorrect distribution statements, For Official Use Only (FOUO) information, export controlled, or International Traffic in Arms Regulations (ITAR) information will not be accepted or cleared.
- g. Abstracts or abbreviated materials may be submitted if the intent is to determine the feasibility of going further in preparing a complete paper for clearance. However, clearance of abstracts or abbreviated materials does not satisfy the requirement for clearance of the entire paper.
- h. The MDA Director of Public Affairs (MDA/PA) is responsible for coordinating the public release review. MDA/PA will work directly with the COR if there are questions or concerns regarding submissions. MDA/PA will not work with contractors who have not gone through their COR.
- i. The COR will notify the contractor of the agency's final decision regarding the status of the request.
- j. Once information has been cleared for public release, it is in the public domain and must always be used in its originally cleared context and format. Information previously cleared for public release but containing new, modified or further developed information must be submitted again for public release following the steps outlined in items a. through h. above.

H-09 ORGANIZATIONAL CONFLICT OF INTEREST (Jun 2012)

- a. Purpose: The primary purpose of this clause is to aid in ensuring that:

- (1) the Contractor's objectivity and judgment are not biased because of its present or planned interests which relate to work under this contract;

- (2) the Contractor does not obtain unfair competitive advantage by virtue of its access to non-public information regarding the Government's program plans and actual or anticipated resources; and

- (3) the Contractor does not obtain unfair competitive advantage by virtue of its access to proprietary information belonging to others.

- b. Scope: Organizational Conflict of Interest (OCI) rules, procedures and responsibilities as described in FAR Subpart 9.5 shall be applicable to this contract and any resulting subcontracts.

- (1) The general rules in FAR 9.505-1 through 9.505-4 and the restrictions described herein shall apply to performance or participation by the Contractor and any of its affiliates or their successors-in-interest (hereinafter collectively referred to as "Contractor") in the activities covered by this contract as prime Contractor, subcontractor, co-sponsor, joint venturer, consultant, or in any similar capacity.

(2) The Missile Defense Agency's OCI policy is in Attachment X of this contract.

c. **Access to and Use of Nonpublic Information:** If the Contractor, in performance of this contract, obtains access to nonpublic information such as plans, policies, reports, studies, financial plans, or data which has not been released or otherwise made available to the public, the Contractor agrees that without prior written approval of the Contracting Officer, it shall not:

- (1) use such information for any private purpose;
- (2) release such information.

d. **Access to and Protection of Proprietary Information:** The Contractor agrees to exercise diligent effort to protect proprietary information from misuse or unauthorized disclosure in accordance with the provisions of FAR 9.505-4. The Contractor may be required to enter into a written non-disclosure agreement with the third party asserting proprietary restrictions.

e. **Subcontracts:** The Contractor shall include this clause in consulting agreements, teaming agreements, subcontracts, or other arrangements for provision of services or supplies of any tier. The terms "contract", "Contractor", and "Contracting Officer" shall be appropriately modified to preserve the Government's rights.

f. **Representations and Disclosures:**

(1) The Contractor represents that it has disclosed to the Contracting Officer, prior to award, all facts relevant to the existence or potential existence of organizational conflicts of interest as that term is used in FAR Subpart 9.5. To facilitate disclosure and Contracting Officer approval, the Contractor shall complete an OCI Analysis/Disclosure Form for each MDA, Ballistic Missile Defense (BMD), and BMD-related contract or subcontract (form shall be requested from the Procuring Contracting Officer).

(2) The Contractor represents that if it discovers an organizational conflict of interest or potential conflict of interest after award, a prompt and full disclosure shall be made in writing to the Contracting Officer. This disclosure shall include a description of the action the Contractor has taken or proposes to take in order to avoid or mitigate such conflicts.

g. **Remedies and Waiver:**

(1) For breach of any of the above restrictions or for non-disclosure or misrepresentation of any relevant facts required to be disclosed concerning this contract, the Government may: terminate this contract for default; disqualify the Contractor from subsequent related contractual efforts if necessary to neutralize a resulting organizational conflict of interest; and pursue such other remedies as may be permitted by law or this contract. If, however, in compliance with this clause, the Contractor discovers and promptly reports an organizational conflict of interest (or the potential thereof) subsequent to contract award, the Contracting Officer may terminate this contract for convenience if such termination is deemed to be in the best interest of the Government or take other appropriate actions.

(2) The parties recognize that this clause has potential effects which will survive the performance of this contract and that it is impossible to foresee each circumstance to which it might be applied in the future. Accordingly, the Contractor may at any time seek a waiver from the Director, MDA, (via the Contracting Officer) by submitting a full written description of the requested waiver and the reasons in support thereof.

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H-10 ENABLING CLAUSE FOR BMD INTERFACE SUPPORT (APR 2009)

a. It is anticipated that, during the performance of this contract, the Contractor will be required to support Technical Interface/Integration Meetings (TIMS) with other Ballistic Missile Defense (BMD) Contractors and other Government agencies. Appropriate organizational conflicts of interest clauses and additional costs, if any, will be negotiated as needed to protect the rights of the Contractor and the Government.

b. Interface support deals with activities associated with the integration of the requirements of this contract into BMD system plans and the support of key Missile Defense Agency (MDA) program reviews.

c. The Contractor agrees to cooperate with BMD Contractors by providing access to technical matters, provided, however, the Contractor will not be required to provide proprietary information to non-Government entities or personnel in the absence of a non-disclosure agreement between the Contractor and such entities.

d. The Contractor further agrees to include a clause in each subcontract requiring compliance with paragraph c. above, subject to coordination with the Contractor. This agreement does not relieve the Contractor of its responsibility to manage its subcontracts effectively, nor is it intended to establish privity of contract between the Government and such subcontractors.

e. Personnel from BMD Contractors or other Government agencies or Contractors are not authorized to direct the Contractor in any manner.

f. This clause shall not prejudice the Contractor or its subcontractors from negotiating separate organizational conflict of interest agreements with BMD Contractors; however, these agreements shall not restrict any of the Government's rights established pursuant to this clause or any other contract.

CLAUSES INCORPORATED BY FULL TEXT**H-11 MDA VISIT AUTHORIZATION PROCEDURES (Aug 2014)**

a. The Contractor shall submit all required visit clearances in accordance with current NISPOM regulations. Visit clearances shall identify the contract number.

For Visit Requests to the National Capital Region send to:

JPAS SMO Code: DDAAU4
Missile Defense Agency
Attn: Access Control Center
5700 18th Street, Bldg 245
Fort Belvoir, VA 22060-5573
571-231-8249
571-231-8099 FAX
ACC@MDA.mil

For Visit Requests to Huntsville, AL send to:

Missile Defense Agency,
JPAS SMO Code: DDAAUH
Attn: Visitor Control
Bldg 5224 Martin Road
Redstone Arsenal, AL 35898
256-450-3214 or 256-450-3216

256-450-3222 FAX
mdaaccesscontrolhsv@mda.mil

For Visit Requests to Colorado Springs, CO send to:

Missile Defense Agency,
SMO Code: DDAAUJ
Attn: Visitor Control
720 Irwin Drive, Bldg 720 Room 125
Schriever AFB, CO 80912
719-721-0362 or 719-721-8230
719-721-8399 FAX
dossosvar@mda.mil

- b. The COR is authorized to approve visit requests for the Contracting Officer.

H-12 CONTROL OF ACCESS TO MDA SPACES AND INFORMATION SYSTEMS (SEP 2013)

- a. To maintain the security of the MDA spaces and information systems, the contractor shall notify the COR in writing whenever a prime or subcontractor employee included on the current visit authorization request/letter no longer supports this contract. This requirement shall apply to both contractor and employee initiated termination of services and to temporary suspension of services.
- b. The contractor will cooperate with COR in facilitating the employee's return of all government issued credentials, e.g., badges, common access cards (CACs), SIPRNet tokens. Specifically, upon notification, the COR will work with the organization's Security Operations Center and the MDA Service Desk to ensure timely action to:
- (1) remove the employee from the current visit authorization request/letter;
 - (2) cancel Government issued credentials pursuant to the visit authorization request/letter; and,
 - (3) terminate the MDA LAN account/access privileges.
- c. In addition to actions related to MDA access control, the contractor shall maintain accountability for Government issued credentials provided under this contract. Government issued credentials are the property of the U.S. Government and shall not be retained by cardholders upon expiration, replacement, or when the DoD affiliation of employees has been terminated. The contractor shall coordinate with the COR to ensure government issued credentials are retrieved in accordance with local command or installation procedures. Unauthorized possession of an official credential, like a CAC, can be prosecuted criminally under section 701, title 18, United States Code.
- d. The contractor shall identify the reason for and date of termination or expected period of suspension and submit the notification to the COR within five (5) working days prior to service discontinuation. For unplanned termination or suspension of services, notification shall be made on the same working day as the termination/suspension action.

H-14 PERSONNEL QUALIFICATIONS (MAY 2005)

- a. The Contractor shall promptly notify the Contracting Officer and Contracting Officer's Representative prior to making any changes in key staff. If replacing key staff the Contractor shall adhere to the following: (1) replacement person's qualifications are equal to or better than the qualifications of the person being replaced; or (2)

the added person's qualifications are equal to or better than the core capabilities of this contract. Key staff positions are defined as: Principal Investigator

b. All Contractor notifications must provide the name and departure date for the incumbent leaving, a complete resume for the proposed substitute, and any other pertinent information requested by the Contracting Officer. The Government shall be provided the opportunity to review the proposed substitution regarding qualifications, security matters or any other concerns which could, in its opinion, affect performance under this contract.

e. This clause does not, in any way, abrogate the contractor's authority to hire or assign personnel as it sees fit, or its responsibility to fill key positions with qualified personnel.

H-27 FOREIGN PERSONS (Jun 2010)

1. "Foreign National" (also known as Foreign Persons) as used in this clause means any person who is NOT:

- a. a citizen or national of the United States; or
- b. a lawful permanent resident; or
- c. a protected individual as defined by 8 U.S.C.1324b(a)(3).

"Lawful permanent resident" is a person having the status of having been lawfully accorded the privilege of residing permanently in the United States as an immigrant in accordance with the immigration laws and such status not having changed.

"Protected individual" is an alien who is lawfully admitted for permanent residence, is granted the status of an alien lawfully admitted for temporary residence under 8 U.S.C.1160(a) or 8 U.S.C.1255a(a)(1), is admitted as a refugee under 8 U.S.C.1157, or is granted asylum under section 8 U.S.C.1158; but does not include (i) an alien who fails to apply for naturalization within six months of the date the alien first becomes eligible (by virtue of period of lawful permanent residence) to apply for naturalization or, if later, within six months after November 6, 1986, and (ii) an alien who has applied on a timely basis, but has not been naturalized as a citizen within 2 years after the date of the application, unless the alien can establish that the alien is actively pursuing naturalization, except that time consumed in the Service's processing the application shall not be counted toward the 2-year period."

2. Prior to contract award, the contractor shall identify any lawful U.S. permanent residents and foreign nationals expected to be involved on this project as a direct employee, subcontractor or consultant. For these individuals, in addition to resumes, please specify their country of origin, the type of visa or work permit under which they are performing and an explanation of their anticipated level of involvement on this project. You may be asked to provide additional information during negotiations in order to verify the foreign citizen's eligibility to participate on a contract. Supplemental information provided in response to this clause will be protected in accordance with Privacy Act (5 U.S.C. 552a), if applicable, and the Freedom of Information Act (5 U.S.C. 552(b)(6)). After award of the contract, the Contractor shall promptly notify the Contracting Officer and Contracting Officer's Representative with the information above prior to making any personnel changes involving foreign persons. No changes involving foreign persons will be allowed without prior approval from the Contracting Officer. This clause does not remove any liability from the contractor to comply with applicable ITAR and EAR export control obligations and restrictions. This clause shall be included in any subcontract."

H-28 DISTRIBUTION CONTROL OF TECHNICAL INFORMATION (AUG 2014)

a. The following terms applicable to this clause are defined as follows:

1. DoD Official. Serves in DoD in one of the following positions: Program Director, Deputy Program Director, Program Manager, Deputy Program Manager, Procuring Contracting Officer, Administrative Contracting Officer, or Contracting Officer's Representative.

2. Technical Document. Any recorded information (including software) that conveys scientific and technical information or technical data.

3. Scientific and Technical Information. Communicable knowledge or information resulting from or pertaining to the conduct or management of effort under this contract. (Includes programmatic information).

4. Technical Data. As defined in DFARS 252.227-7013.

b. Except as otherwise set forth in the Contract Data Requirements List (CDRL), DD Form 1423 the distribution of any technical documents prepared under this contract, in any stage of development or completion, is prohibited outside of the contractor and applicable subcontractors under this contract unless authorized by the Contracting Officer in writing. However, distribution of technical data is permissible to DOD officials having a "need to know" in connection with this contract or any other MDA contract provided that the technical data is properly marked according to the terms and conditions of this contract. When there is any doubt as to "need to know" for purposes of this paragraph, the Contracting Officer or the Contracting Officer's Representative will provide direction. Authorization to distribute technical data by the Contracting Officer or the Contracting Officer's Representative does not constitute a warranty of the technical data as it pertains to its accuracy, completeness, or adequacy. The contractor shall distribute this technical data relying on its own corporate best practices and the terms and conditions of this contract. Consequently, the Government assumes no responsibility for the distribution of such technical data nor will the Government have any liability, including third party liability, for such technical data should it be inaccurate, incomplete, improperly marked or otherwise defective. Therefore, such a distribution shall not violate 18 United States Code § 1905.

c. All technical documents prepared under this contract shall be marked with the following distribution statement, warning, and destruction notice identified in sub-paragraphs 1, 2, and 3 below. When it is technically not feasible to use the entire WARNING statement, an abbreviated marking may be used, and a copy of the full statement added to the "Notice To Accompany Release of Export Controlled Data" required by DoD Directive 5230.25.

1. DISTRIBUTION STATEMENT B: Distribution authorized to U.S. Government agencies only due to proprietary information with the date of determination based on the Contractor's date of proposal. Other requests for this document shall be referred to MDA/DVR, Attn: (b)(6) Bldg. 5222 Martin Road, Redstone Arsenal, AL 35898.

2. WARNING - This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et seq.) or the Export Administration Act of 1979 (Title 50, U.S.C., App. 2401 et seq), as amended. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25

3. DESTRUCTION NOTICE - For classified documents follow the procedures in DOD 5220.22-M, National Industrial Security Program Operating Manual, February 2006, Incorporating Change 1, March 28, 2013, Chapter 5, Section 7, or DoDM 5200.01-Volume 3, DoD Information Security Program: Protection of Classified Information, Enclosure 3, Section 17. For controlled unclassified information follow the procedures in DoDM 5200.01-Volume 4, Information Security Program: Controlled Unclassified Information.

d. The Contractor shall insert the substance of this clause, including this paragraph, in all subcontracts.

H-29 COMMERCIAL COMPUTER SOFTWARE LICENSE (Mar 2013)

a. Unless otherwise approved by the PCO, commercial computer software licenses shall, upon delivery and acceptance, designate the U.S. Government as a contingent licensee, able to replace the Contractor as the primary licensee upon notifying the licensor. A copy of the negotiated license shall be furnished to the PCO. The terms of the licenses cannot be inconsistent with Federal procurement law and must satisfy user needs. This includes the Contractor's / subcontractor's needs for the software to perform this contract and the Government's needs for the software to accomplish the Government's ultimate objectives. At a minimum, this shall include the rights to make an archive copy of the software, to relocate the computer on which the software resides, to re-host the software on a different computer, to permit access by support contractors, and to permit the Government to transfer the license to another contractor.

b. Nothing in this clause shall take precedence over any other clause or provision of this contract. Government concurrence, as defined in paragraph a above, does not in any way affect the Government's technical data rights as established by the terms and conditions of this contract.

H-30 CONTRACTUAL TERMS & CONDITIONS (Jun 2010)

The terms and conditions herein constitute the entire contract and understanding of the parties and shall supersede all other communications, negotiations, arrangements and agreements, either oral or written, with respect to the subject matter hereof. All proposal documentation including, but not limited to, red line contract terms and conditions, red line statements of work and/or ground rules and assumptions are hereby void and carry no force or affect as it pertains to the interpretation or operation of the language of the instant contract nor should such language be used to provide meaning to any of the terms or conditions contained herein.

H-35 INCORPORATING COMMERCIAL AND OPEN SOURCE SOFTWARE (Aug 2012)

a. DFARS 252.227-7014(d) requires the written approval of the PCO before the Contractor may incorporate any copyrighted computer software in the software to be delivered under this contract.

b. A request for approval to incorporate Commercial Computer Software should be accompanied by a license that conforms with the requirements of the Commercial Computer Software Licenses clause of this contract.

c. A request for approval to incorporate Open Source Software must be accompanied by the applicable license, a detailed description of the source of the software and how it has been or will be used, and an explanation of the restrictions imposed and potential risks and liabilities.

d. Nothing in this clause shall take precedence over any other clause or provision of this contract. Government concurrence, as defined in paragraph a above, does not in any way affect the Government's technical data rights as established by the terms and conditions of this contract.

H-36 CONTRACTOR IDENTIFICATION AND ASSERTION OF RESTRICTIONS ON THE GOVERNMENT'S USE, RELEASE, OR DISCLOSURE OF NON-COMMERCIAL TECHNICAL DATA OR COMPUTER SOFTWARE (DEC 2011)

a. The contractor and its subcontractors shall provide a completed Attachment in accordance with DFARS 252.227-7017 entitled "Identification and Assertion of Restrictions on the Government's Use, Release, or Disclosure of Technical Data or Computer Software" that is signed and dated by a responsible official of the Contractor. This Attachment is incorporated herein by reference as if fully set forth. The Attachment identifies and provides information pertaining to technical data (including computer software documentation) and computer software that the contractor and subcontractors claim to qualify for delivery with less than Unlimited Rights. The contractor agrees not to withhold delivery of the technical data or software based on its claims. The Government shall investigate the validity of the contractor's claims and therefore reserves all its rights regarding the technical data/software in question, to include those rights set forth in: DFARS 252.227-7013, Rights in Technical Data - Noncommercial Items; DFARS 252.227-7014, Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation; DFARS 252.227-7019, Validation of Asserted Restrictions--Computer Software; DFARS 252.227-7028, Technical Data or Computer Software Previously Delivered To the Government; and, DFAR 252.227-7037, Validation Of Restrictive Markings On Technical Data clauses until a determination is made.

b. The contractor shall have, maintain, and follow written procedures sufficient to assure that restrictive markings/legends are used only when authorized by the terms of this contract and shall maintain records sufficient to justify the validity of any restrictive markings/legends on any technical data or computer software or computer software documentation delivered under this contract. The Contractor agrees that the Government has Unlimited Rights as defined by DFARS 252.227-7013 and 252.227-7014 in any deliverable technical data or computer software or computer software documentation not listed in the Attachment and that such data or software will not be subject to any restrictive markings or legends.

H-37 INSERTION OF LIMITED OR RESTRICTED RIGHTS (DEC 2010)

a. Hardware items which are subject to Limited Rights in their associated technical data as defined in DFARS 252.227-7013 and software items which are subject to Restricted Rights as defined in DFARS 252.227-7014 shall not be incorporated into the design of any systems, or models/simulations thereof under this contract without the prior written authorization of the PCO. The Contractor's request shall include a rough order of magnitude (ROM) estimate to perform development if the data or software cannot be used as requested. If the PCO does not provide a decision within 30 days of the request, the request is considered denied. In the event the PCO authorizes inclusion of the Limited Rights technical data and/or Restricted software, such data or software will be added as an attachment within Section J.

b. Using Government assets in an Independent Research and Development (IRAD) project may be authorized on a case by case basis. The Contractor's request shall include an offer of consideration for use of such Government assets. The Government will evaluate the request, including the Contractor's offer of consideration, and either approve, deny, or offer an alternative form of consideration. Any such consideration will be mutually agreed to by the parties prior to use of Government assets. Consideration should include, at a minimum, specially negotiated rights granting the Government a license for Government Purpose Rights IAW DFARS 252.227-7013 and 252.227-7014 in the subject IRAD project. When the Contractor requests the use of Government assets for an IRAD project, the request shall include the purpose of the IRAD project and the potential benefit to the Government. The Contractor will be required to execute a bailment agreement prior to the transfer or use of Government assets.

H-38 FEE/PROFIT LIMITATIONS (DEC 2010)

a. Fee/Profit will be proposed and negotiated for each task order proposal on an individual basis based upon the level of risk the Contractor will incur during the performance of the effort. The fee/profit shall not exceed the maximum amounts as specified in Section B of this contract.

b. No Fee/Profit on Material and Other Direct Costs (ODC). With the exception of nominal material handling, the Contractor is not entitled to fee/profit on any ODC and/or material. Examples of ODC include, but are not limited to: travel, renewable licenses, leases, consultants, special tooling, and royalties. Examples of material include but are not limited to: equipment, hardware and spares/repair parts. In calculating total fee/profit, the Contractor shall exclude ODC and material costs from its total cost pool. This limitation shall flow down to subcontractors.

H-43 IMPACT OF GOVERNMENT TEAM PARTICIPATION/ACCESS (JUN 2012)

The Government/Contractor organizational/interface approach (e.g., Integrated Product Teams, Team Execution Reviews, Technical Interchange Meetings, and/or Working Groups), will require frequent, close interaction and/or surveillance between the Government and Contractor/subcontractor team members during contract performance. For this purpose the Contractor, recognizing its privity of contract with the Government, authorizes the Government to communicate directly with, and where appropriate visit as well as monitor, the Contractor's subcontractors. This access/interface is necessary to support the Government's quality and program management approach which emphasizes systematic surveillance and evaluation techniques used to assess Contractor /subcontractor performance. Government team members may offer advice, information, support, and facilitate rapid Government feedback on team-related products, provide clarification, and review Contractor/subcontractor progress; however, the responsibility and accountability for successfully accomplishing the requirements of this contract remain solely with the Contractor. Neither the Contractor nor the subcontractor shall construe such advice, surveillance, reviews and clarifications by Government team members as Government-directed changes to the terms of this contract. The PCO is the only individual authorized to direct or approve any change to the terms of this contract.

H-44 INCREMENTAL EXERCISE OF OPTIONS (SEP 2012)

The Government may exercise from time to time, either in whole or in part, some or all the option line items, CLIN 0001, 0002, 1001,1002. Specific contract line items or sub-line items delineating a description of the supplies or services, quantity requirements, and a corresponding delivery schedule for the exercised options shall be identified in a unilateral contract modification. The Contracting Officer may exercise such an option by written notice to the Contractor within 30 days prior to execution.

H-45 AS IS GOVERNMENT FURNISHED DATA/DOCUMENTATION AND COMPUTER SOFTWARE (Jan 2013)

All technical data and computer software (as defined in DFARS 252.227-7013 and DFARS 252.227-7014) furnished by the Government is in an "as is" condition without any warranty as to its accuracy, completeness, or adequacy. The contractor shall use this technical data and computer software at its own risk. The Government assumes no responsibility for such furnished data/documentation/computer software nor will the Government have any liability for equitable adjustments to the terms and conditions of this contract should such data/documentation/computer software prove to be inaccurate, incomplete, or otherwise defective.

Section I - Contract Clauses

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
52.203-11	Certification And Disclosure Regarding Payments To Influence Certain Federal Transactions	SEP 2007
52.203-12	Limitation On Payments To Influence Certain Federal Transactions	OCT 2010
52.203-13	Contractor Code of Business Ethics and Conduct	OCT 2015
52.203-16	Preventing Personal Conflicts of Interest	DEC 2011
52.203-17	Contractor Employee Whistleblower Rights and Requirement To Inform Employees of Whistleblower Rights	APR 2014
52.203-19	Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements	JAN 2017
52.204-2	Security Requirements	AUG 1996
52.204-4	Printed or Copied Double-Sided on Postconsumer Fiber Content Paper	MAY 2011
52.204-7	System for Award Management	JUL 2013
52.204-8	Annual Representations and Certifications	APR 2016
52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards	OCT 2015
52.204-21	Basic Safeguarding of Covered Contractor Information Systems	JUN 2016
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	OCT 2015
52.211-15	Defense Priority And Allocation Requirements	APR 2008
52.215-2	Audit and Records--Negotiation	OCT 2010
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
52.215-22	Limitations on Pass-Through Charges--Identification of Subcontract Effort	OCT 2009
52.215-23	Limitations on Pass-Through Charges	OCT 2009
52.216-7	Allowable Cost And Payment	JUN 2013
52.216-8	Fixed Fee	JUN 2011
52.219-1	Small Business Program Representations	OCT 2014
52.219-1 Alt I	Small Business Program Representations (Sept 2015) Alternate I	SEP 2015

52.219-4	Notice of Price Evaluation Preference for HUBZone Small Business Concerns	OCT 2014
52.219-8	Utilization of Small Business Concerns	OCT 2014
52.219-9	Small Business Subcontracting Plan	OCT 2015
52.219-9 (Dev)	Small Business Subcontracting Plan (Deviation 2013-O0014)	OCT 2015
52.219-16	Liquidated Damages-Subcontracting Plan	JAN 1999
52.219-28	Post-Award Small Business Program Rerepresentation	JUL 2013
52.222-1	Notice To The Government Of Labor Disputes	FEB 1997
52.222-3	Convict Labor	JUN 2003
52.222-21	Prohibition Of Segregated Facilities	APR 2015
52.222-26	Equal Opportunity	APR 2015
52.222-35	Equal Opportunity for Veterans	OCT 2015
52.222-36	Equal Opportunity for Workers with Disabilities	JUL 2014
52.222-37	Employment Reports on Veterans	FEB 2016
52.222-38	Compliance With Veterans' Employment Reporting Requirements	FEB 2016
52.222-50	Combating Trafficking in Persons	MAR 2015
52.222-54	Employment Eligibility Verification	OCT 2015
52.222-60	Paycheck Transparency (Executive Order 13673)	OCT 2016
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
52.225-25	Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran-- Representation and Certifications.	OCT 2015
52.227-1	Authorization and Consent	DEC 2007
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
52.227-3	Patent Indemnity	APR 1984
52.227-10	Filing Of Patent Applications--Classified Subject Matter	DEC 2007
52.228-7	Insurance--Liability To Third Persons	MAR 1996
52.230-2	Cost Accounting Standards	OCT 2015
52.230-3	Disclosure And Consistency Of Cost Accounting Practices	OCT 2015
52.230-6	Administration of Cost Accounting Standards	JUN 2010
52.232-9	Limitation On Withholding Of Payments	APR 1984
52.232-17	Interest	MAY 2014
52.232-18	Availability Of Funds	APR 1984
52.232-19	Availability Of Funds For The Next Fiscal Year	APR 1984
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	Prompt Payment	JUL 2013
52.232-33	Payment by Electronic Funds Transfer--System for Award Management	JUL 2013
52.232-40	Providing Accelerated Payments to Small Business Subcontractors	DEC 2013
52.233-1	Disputes	MAY 2014
52.233-2	Service Of Protest	SEP 2006
52.233-3	Protest After Award	AUG 1996
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
52.243-6	Change Order Accounting	APR 1984
52.244-2	Subcontracts	OCT 2010
52.244-2 Alt I	Subcontracts (Oct 2010) - Alternate I	JUN 2007
52.244-5	Competition In Subcontracting	DEC 1996
52.244-6	Subcontracts for Commercial Items	JUN 2016
52.245-1	Government Property	APR 2012
52.245-9	Use And Charges	APR 2012
52.246-8	Inspection Of Research And Development Cost Reimbursement	MAY 2001
52.246-23	Limitation Of Liability	FEB 1997
52.249-6	Termination (Cost Reimbursement)	MAY 2004
52.249-14	Excusable Delays	APR 1984
52.253-1	Computer Generated Forms	JAN 1991
252.201-7000	Contracting Officer's Representative	DEC 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
252.203-7003	Agency Office of the Inspector General	DEC 2012
252.203-7004	Display of Fraud Hotline Poster(s)	OCT 2015
252.203-7005	Representation Relating to Compensation of Former DoD Officials	NOV 2011
252.203-7997 (Dev)	Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements (Deviation 2016-O0003)	OCT 2015
252.204-7000	Disclosure Of Information	AUG 2013
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7004 Alt A	System for Award Management Alternate A	FEB 2014
252.204-7005	Oral Attestation of Security Responsibilities	NOV 2001
252.204-7006	Billing Instructions	OCT 2005
252.204-7007	Alternate A, Annual Representations and Certifications	JAN 2015
252.204-7008	Compliance With Safeguarding Covered Defense Information Controls	OCT 2016
252.204-7009	Limitations on the Use or Disclosure of Third-Party Contractor Reported Cyber Incident Information	DEC 2015
252.204-7012	Safeguarding Covered Defense Information and Cyber Incident Reporting	OCT 2016
252.204-7013	Limitations on the Use or Disclosure of Information by Litigation Support Offerors	MAY 2016
252.204-7014	Limitations on the Use or Disclosure of Information by Litigation Support Contractors	MAY 2016
252.204-7015	Notice of Authorized Disclosure of Information for Litigation Support	MAY 2016
252.209-7004	Subcontracting With Firms That Are Owned or Controlled By The Government of a Country that is a State Sponsor of Terrorism	OCT 2015
252.211-7003	Item Unique Identification and Valuation	MAR 2016
252.211-7007	Reporting of Government-Furnished Property	AUG 2012
252.211-7008	Use of Government-Assigned Serial Numbers	SEP 2010
252.215-7000	Pricing Adjustments	DEC 2012
252.215-7002	Cost Estimating System Requirements	DEC 2012
252.215-7009	Proposal Adequacy Checklist	JAN 2014

252.219-7003	Small Business Subcontracting Plan (DOD Contracts)--Basic	MAR 2016
252.222-7007	Representation Regarding Combating Trafficking in Persons	JAN 2015
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
252.227-7000	Non-estoppel	OCT 1966
252.227-7009	Reporting And Payment Of Royalties	AUG 1984
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
252.227-7015	Technical Data--Commercial Items	FEB 2014
252.227-7016	Rights in Bid or Proposal Information	JAN 2011
252.227-7017	Identification and Assertion of Use, Release, or Disclosure Restrictions	JAN 2011
252.227-7019	Validation of Asserted Restrictions--Computer Software	SEP 2011
252.227-7020	Rights In Special Works	JUN 1995
252.227-7025	Limitations on the Use or Disclosure of Government- Furnished Information Marked with Restrictive Legends	MAY 2013
252.227-7026	Deferred Delivery Of Technical Data Or Computer Software	APR 1988
252.227-7027	Deferred Ordering Of Technical Data Or Computer Software	APR 1988
252.227-7028	Technical Data or Computer Software Previously Delivered to the Government	JUN 1995
252.227-7030	Technical Data--Withholding Of Payment	MAR 2000
252.227-7037	Validation of Restrictive Markings on Technical Data	JUN 2013
252.227-7038	Patent Rights--Ownership by the Contractor (Large Business)	JUN 2012
252.227-7039	Patents--Reporting Of Subject Inventions	APR 1990
252.232-7003	Electronic Submission of Payment Requests and Receiving Reports	JUN 2012
252.232-7010	Levies on Contract Payments	DEC 2006
252.235-7010	Acknowledgment of Support and Disclaimer	MAY 1995
252.235-7011	Final Scientific or Technical Report	JAN 2015
252.239-7001	Information Assurance Contractor Training and Certification	JAN 2008
252.239-7009	Representation of Use of Cloud Computing	SEP 2015
252.239-7010	Cloud Computing Services	AUG 2015
252.242-7004	Material Management And Accounting System	MAY 2011
252.242-7005	Contractor Business Systems	FEB 2012
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
252.245-7001	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	MAR 2015
252.246-7000	Material Inspection And Receiving Report	MAR 2008
252.246-7001	Warranty Of Data	MAR 2014
252.246-7007	Contractor Counterfeit Electronic Part Detection and Avoidance System	MAY 2014

CLAUSES INCORPORATED BY FULL TEXT

52.216-1 TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a CPFF - Completion contract resulting from this solicitation.

(End of provision)

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 within 30 days; 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 32 months.

(End of clause)

52.243-7 NOTIFICATION OF CHANGES (APR 1984)

(a) Definitions.

"Contracting Officer," as used in this clause, does not include any representative of the Contracting Officer.

"Specifically authorized representative (SAR)," as used in this clause, means any person the Contracting Officer has so designated by written notice (a copy of which shall be provided to the Contractor) which shall refer to this subparagraph and shall be issued to the designated representative before the SAR exercises such authority.

(b) Notice. The primary purpose of this clause is to obtain prompt reporting of Government conduct that the Contractor considers to constitute a change to this contract. Except for changes identified as such in writing and signed by the Contracting Officer, the Contractor shall notify the Administrative Contracting Officer in writing, within 15 calendar days from the date that the Contractor identifies any Government conduct (including actions, inactions, and written or oral communications) that the Contractor regards as a change to the contract terms and conditions. On the basis of the most accurate information available to the Contractor, the notice shall state--

- (1) The date, nature, and circumstances of the conduct regarded as a change;
- (2) The name, function, and activity of each Government individual and Contractor official or employee involved in or knowledgeable about such conduct;
- (3) The identification of any documents and the substance of any oral communication involved in such conduct;
- (4) In the instance of alleged acceleration of scheduled performance or delivery, the basis upon which it arose;
- (5) The particular elements of contract performance for which the Contractor may seek an equitable adjustment under this clause, including--
 - (i) What contract line items have been or may be affected by the alleged change;

- (ii) What labor or materials or both have been or may be added, deleted, or wasted by the alleged change;
 - (iii) To the extent practicable, what delay and disruption in the manner and sequence of performance and effect on continued performance have been or may be caused by the alleged change;
 - (iv) What adjustments to contract price, delivery schedule, and other provisions affected by the alleged change are estimated; and
- (6) The Contractor's estimate of the time by which the Government must respond to the Contractor's notice to minimize cost, delay or disruption of performance.
- (c) Continued performance. Following submission of the notice required by (b) above, the Contractor shall diligently continue performance of this contract to the maximum extent possible in accordance with its terms and conditions as construed by the Contractor, unless the notice reports a direction of the Contracting Officer or a communication from a SAR of the Contracting Officer, in either of which events the Contractor shall continue performance; provided, however, that if the Contractor regards the direction or communication as a change as described in (b) above, notice shall be given in the manner provided. All directions, communications, interpretations, orders and similar actions of the SAR shall be reduced to writing and copies furnished to the Contractor and to the Contracting Officer. The Contracting Officer shall countermand any action which exceeds the authority of the SAR.
- (d) Government response. The Contracting Officer shall promptly, within 30 calendar days after receipt of notice, respond to the notice in writing. In responding, the Contracting Officer shall either--
- (1) Confirm that the conduct of which the Contractor gave notice constitutes a change and when necessary direct the mode of further performance;
 - (2) Countermand any communication regarded as a change;
 - (3) Deny that the conduct of which the Contractor gave notice constitutes a change and when necessary direct the mode of further performance; or
 - (4) In the event the Contractor's notice information is inadequate to make a decision under (1), (2), or (3) above, advise the Contractor what additional information is required, and establish the date by which it should be furnished and the date thereafter by which the Government will respond.
- (e) Equitable adjustments.
- (1) If the Contracting Officer confirms that Government conduct effected a change as alleged by the Contractor, and the conduct causes an increase or decrease in the Contractor's cost of, or the time required for, performance of any part of the work under this contract, whether changed or not changed by such conduct, an equitable adjustment shall be made--
 - (i) In the contract price or delivery schedule or both; and
 - (ii) In such other provisions of the contract as may be affected.
 - (2) The contract shall be modified in writing accordingly. In the case of drawings, designs or specifications which are defective and for which the Government is responsible, the equitable adjustment shall include the cost and time extension for delay reasonably incurred by the Contractor in attempting to comply with the defective drawings, designs or specifications before the Contractor identified, or reasonably should have identified, such defect. When the cost of property made obsolete or excess as a result of a change confirmed by the Contracting Officer under this clause is included in the equitable adjustment, the Contracting Officer shall have the right to prescribe the manner of disposition of the property. The equitable adjustment shall not include increased costs or time extensions for delay

resulting from the Contractor's failure to provide notice or to continue performance as provided, respectively, in (b) and (c) above.

Note: The phrases "contract price" and "cost" wherever they appear in the clause, may be appropriately modified to apply to cost-reimbursement or incentive contracts, or to combinations thereof.

(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):

<https://acquisition.gov/far/index.html>

(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)

252.223-7004 DRUG-FREE WORK FORCE (SEP 1988)

(a) Definitions.

(1) "Employee in a sensitive position," as used in this clause, means an employee who has been granted access to classified information; or employees in other positions that the Contractor determines involve national security; health or safety, or functions other than the foregoing requiring a high degree of trust and confidence.

(2) "Illegal drugs," as used in this clause, means controlled substances included in Schedules I and II, as defined by section 802(6) of title 21 of the United States Code, the possession of which is unlawful under chapter 13 of that

Title. The term "illegal drugs" does not mean the use of a controlled substance pursuant to a valid prescription or other uses authorized by law.

(b) The Contractor agrees to institute and maintain a program for achieving the objective of a drug-free work force. While this clause defines criteria for such a program, contractors are encouraged to implement alternative approaches comparable to the criteria in paragraph (c) that are designed to achieve the objectives of this clause.

(c) Contractor programs shall include the following, or appropriate alternatives:

(1) Employee assistance programs emphasizing high level direction, education, counseling, rehabilitation, and coordination with available community resources;

(2) Supervisory training to assist in identifying and addressing illegal drug use by Contractor employees;

(3) Provision for self-referrals as well as supervisory referrals to treatment with maximum respect for individual confidentiality consistent with safety and security issues;

(4) Provision for identifying illegal drug users, including testing on a controlled and carefully monitored basis. Employee drug testing programs shall be established taking account of the following:

(i) The Contractor shall establish a program that provides for testing for the use of illegal drugs by employees in sensitive positions. The extent of and criteria for such testing shall be determined by the Contractor based on considerations that include the nature of the work being performed under the contract, the employee's duties, and efficient use of Contractor resources, and the risks to health, safety, or national security that could result from the failure of an employee adequately to discharge his or her position.

(ii) In addition, the Contractor may establish a program for employee drug testing--

(A) When there is a reasonable suspicion that an employee uses illegal drugs; or

(B) When an employees has been involved in an accident or unsafe practice;

(C) As part of or as a follow-up to counseling or rehabilitation for illegal drug use;

(D) As part of a voluntary employee drug testing program.

(iii) The Contractor may establish a program to test applicants for employment for illegal drug use.

(iv) For the purpose of administering this clause, testing for illegal drugs may be limited to those substances for which testing is prescribed by section 2.1 of subpart B of the "Mandatory Guidelines for Federal Workplace Drug Testing Programs" (53 FR 11980 (April 11, 1988), issued by the Department of Health and Human Services.

(d) Contractors shall adopt appropriate personnel procedures to deal with employees who are found to be using drugs illegally. Contractors shall not allow any employee to remain on duty or perform in a sensitive position who is found to use illegal drugs until such times as the Contractor, in accordance with procedures established by the Contractor, determines that the employee may perform in such a position.

(e) The provisions of this clause pertaining to drug testing program shall not apply to the extent that are inconsistent with state or local law, or with an existing collective bargaining agreement; provided that with respect to the latter, the Contractor agrees those issues that are in conflict will be a subject of negotiation at the next collective bargaining session.

(End of clause)

Section J - List of Documents, Exhibits and Other Attachments

TABLE OF CONTENTSLIST OF ATTACHMENTS

Exhibit / Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Exhibit A	Contract Data Requirements List DD Form 1423-1	31	28-Apr-2017
Attachment 1	Statement of Work "System Level Discrimination"	08	18-Nov-2016
Attachment 2	*Technical Data Rights Assertions	03	14-Dec-2016
Attachment 3	*Policy Memorandum No. 51 Organizational Conflicts of Interest & *Raytheon Company OCI Disclosure Form	02 01	30-May-2012 07-Oct-2016
Attachment 4	*Contract Security Classification Specification DD254	07	03-Apr-2017
Attachment 5	Incremental Funding Schedule	01	27-Apr-2017

* These Attachments are available to DCMA upon request.