



DEPARTMENT OF THE ARMY
UNITED STATES ARMY AVIATION AND MISSILE COMMAND
REDSTONE ARSENAL, ALABAMA 35898-5120

REPLY TO
ATTENTION OF:

9 October 2014

Legal Office

Ms. Julia Horwitz
Electronic Privacy Information Center
1718 Connecticut Avenue NW, SUITE 200
Washington, DC 20009

Dear Ms. Horwitz:

This is our fourth and concluding release of the remaining documents responsive to your Freedom of Information Act (FOIA) request to the Department of the Army dated 1 November 2013 and seeking, in summary, records pertaining to the capabilities of the Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS), to include JLENS contracts and statements of work reflecting said capabilities. Enclosed are four documents responsive to your request, Contract Nos. W9113M-09-C-0202 (53 pages), W9113M-12-C-0005 (115 pages), DASG60-98-C-0001 (2,896 pages), and W31P4Q-10-C-0003 (991 pages). Portions of these 4,055 pages provided have been redacted pursuant to FOIA Exemptions 3, 4, 6, and 7(E) (5 U.S.C. § 552(b)(3), (b)(4), (b)(6), and (7)(E) respectively).

Exemption 3 of the FOIA incorporates the various nondisclosure provisions that are contained in other federal statutes. Title 10, United States Code (U.S.C.), Section 130 permits the withholding of certain technical data from public disclosure. The custodial agency has determined that, in accordance with DoD Directives implementing Section 130, the documents in question contain critical technical data with military or space application not intended for release to the public or foreign governments without an approval, authorization, or license under the Export Administration Act of 1979 (Title 50, U.S.C. App., Sections 2401-2420) or the Arms Export Control Act (Title 22, U.S.C., Section 2751 et seq.).

Exemption 4 protects trade secrets and commercial or financial information obtained from a person that is privileged or confidential.

Exemption 6 protects information contained in personnel and medical files and similar files, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

Exemption 7(E) protects records whose release would disclose techniques and procedures for law enforcement investigations or prosecutions, or would disclose guidelines for law enforcement investigations or prosecutions if such disclosure could

reasonably be expected to risk circumvention of the law. In this particular case, the use of Exemption 7(E) is invoked in the context of national (military operational) security.

Although I am aware that your request is the subject of ongoing litigation and appeals are not ordinarily acted on in such situations, I am required by statute and regulation to inform you of your right to file an administrative appeal. Any such appeal should be addressed to the **United States Army Aviation and Missile Command Legal Office, Attention: AMSAM-LG, 5300 Martin Road, Redstone Arsenal, Alabama 35898-5000**, for forwarding to the Army General Counsel for final disposition on behalf of the Secretary of the Army. If you elect to file an appeal, it must be postmarked no later than 60 calendar days after the date of this interim release letter and include a copy of this letter. In your appeal letter, you must provide a statement of the reasons why you believe this initial decision to be in error. The appeal envelope and letter must be clearly marked "Freedom of Information Act Appeal."

Sincerely,

A handwritten signature in black ink that reads "Fred W. Allen". The signature is written in a cursive style with a large, stylized "F" and "A".

Fred W. Allen
Chief Counsel

Enclosures

AWARD/CONTRACT		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350)		RATING	PAGE OF PAGES 1 17		
2. CONTRACT (Proc. Inv. Ident.) NO. W9113M-09-C-0202		3. EFFECTIVE DATE 14 Jul 09		4. REQUISITION/PURCHASE REQUEST/PROJECT NO.			
5. ISSUED BY USASMDG/ARSTRAT 9840C-HQC PO BOX 1800 HUNTSVILLE 38807-3801		CODE: W9113M	5. ADMINISTERED BY (If other than item 5) DCMA RAYTHEON 30 APPLE HILL DRIVE M/S 12F72 NEWBURY MA 01926		CODE: 82205A		
7. NAME AND ADDRESS OF CONTRACTOR (No. street, city, county, state and zip code) RAYTHEON COMPANY 380 LOWELL ST ANDOVER MA 01810-4400			8. DELIVERY <input type="checkbox"/> FOB ORIGIN <input checked="" type="checkbox"/> OTHER (See below)				
			9. DISCOUNT FOR PROMPT PAYMENT				
10. SUBMIT INVOICES (4 copies unless otherwise specified) TO THE ADDRESS SHOWN IN:			ITEM				
CODE 05716		FACILITY CODE		12. PAYMENT WILL BE MADE BY DPAS-COLUMBUS CENTER NORTH ENTITLEMENT OPERATIONS PO BOX 182000 COLUMBUS OH 43218-2000			
11. SHIP TO/MARK FOR CODE		See Schedule		CODE: HQ0357			
13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION: <input checked="" type="checkbox"/> 10 U.S.C. 2304(e)(1) <input type="checkbox"/> 41 U.S.C. 253(e)()			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					\$0.00		
16. TABLE OF CONTENTS							
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PART I - THE SCHEDULE				PART II - CONTRACT CLAUSES			
X	A	SOLICITATION/ CONTRACT FORM	1-2	X	I	CONTRACT CLAUSES	13-16
X	B	SUPPLIES OR SERVICES AND PRICES/ COSTS	3-4	PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS			
	C	DESCRIPTION/ SPECS/ WORK STATEMENT		X	J	LIST OF ATTACHMENTS	17
	D	PACKAGING AND MARKING		PART IV - REPRESENTATIONS AND INSTRUCTIONS			
X	E	INSPECTION AND ACCEPTANCE	5		K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS	
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CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE							
17. <input type="checkbox"/> CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return it to the contracting officer.) 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 solicitation, if any, and (c) such previous representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments 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 full above, is hereby accepted on to the items listed above and on any continuation sheets. This award contract makes the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award contract. No further contractual document is necessary.			
19A. NAME AND TITLE OF SIGNER (Type or print)				20A. NAME OF CONTRACTING OFFICER			
19B. NAME OR OFFICE/LOCATION				20B. UNITED STATES OF AMERICA			
19C. DATE SIGNED 9/13/09				20C. DATE SIGNED 14 Jul 09 (b)(6)			
BY: [Signature]				BY: [Signature]			

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Section A - Solicitation/Contract Form

CLAUSES INCORPORATED BY FULL TEXT

LETTER CONTRACT

- a. This document constitutes a contract on the terms and conditions set forth herein and signifies the intention of the U.S. Army Space and Missile Defense Command (USASMDC) to execute a formal cost-plus-fixed-fee type contract for the performance of the effort as set forth herein.
- b. In accordance with Federal Acquisition Regulation (FAR) Clause 52.216-23 entitled "Execution and Commencement of Work," you are directed to proceed immediately to commence performance of the work, and to pursue such work with all diligence to the end that the effort may be performed within the time specified in Section F hereof. You are reminded that, pending definitization, the maximum liability of the Government is as stated in FAR Clause 52.216-24, "Limitation of Government Liability," incorporated in full text in Section I herein.
- c. In accordance with Defense FAR Supplement (DFARS) 252.217-7027 entitled "Contract Definitization," you shall submit a cost-plus-fixed-fee proposal for the effort covered by this document. Your proposal should be supported by a cost breakdown reflecting the factors outlined in FAR 15.408, Table 15-2, "Instructions for Submitting Cost/Price Proposals when Cost or Pricing Data are Required," and such other information as may be specified herein. A Certificate of Current Cost or Pricing Data shall be submitted upon agreement on contract price.
- d. The definitive contract resulting from this undefinitized action shall not exceed \$1,009,668, inclusive of cost and fee.
- e. Please indicate your acceptance of the foregoing by signing the attached Standard Form 26 and returning it with all supporting documentation to the issuing office.
- f. This contract is entered into pursuant to 10 U.S.C. 2304(c)(1) and any required justification and approval has been executed.

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Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	Scope of Work entitled "Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) Support of [REDACTED]" CPFF FOB: Destination				TBD
				ESTIMATED COST	TBD
				FIXED FEE	TBD
				TOTAL EST COST + FEE	TBD
	ACRN AA				\$504,834.00
	CIN: 00000000000000000000000000000000				

(b)(3)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	Contract Data Requirements List (CDRL), DD Form 1423, consisting of Data Item No. A001 through A003, with Data Item Descriptions, incorporated herein and attached as set forth in Section J, hereof. FOB: Destination				NSP

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COMPLETION TYPE COST REIMBURSEMENT CONTRACT:

a. Performance of Contract Line Items 0001 and 0002 shall be accomplished on a completion basis as defined in FAR 16.306(d)(1). Pending satisfactory completion of the task, fee payments are provisional and are not final. Fee payments will not become final unless and until the contractor performs the task required by CLIN 0001 and delivers data required by CLIN 0002 and such are accepted by the Government as being satisfactory. In the event the task cannot be completed by the contractor within the estimated cost of CLIN 0001, the Government may require completion of the task without increase in fee, provided the Government increases the estimated cost of CLIN 0001 under the LIMITATION OF COST or FUNDS contract clause.

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b. CLIN 0001 will be considered complete based upon successful performance of the effort described in the Statement of Work attached in Section J hereof.

c. CLIN 0002 will be considered complete based upon a determination that all data and reports have been submitted and accepted, as set forth in Block 8 of each exhibit line item number of the DD Form 1423.

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Section E - Inspection and Acceptance

CLAUSES INCORPORATED BY REFERENCE

52.246-5

Inspection Of Services Cost-Reimbursement

APR 1984

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Section F - Deliveries or Performance

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PERIOD OF PERFORMANCE:

The contractor shall provide all level of effort, material/equipment, data/software, and reports required by CLINs 0001 and 0002 within ten (10) months after the effective date of the contract.

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Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 21 9 2040 0000 5L 5L57 643327S345L 255Y S01021 94NS34/4N91AM354N/4N0000
AMOUNT: \$504,834.00
CIN 00000000000000000000000000000000: \$504,834.00

CLAUSES INCORPORATED BY FULL TEXT

INVOICING AND VOUCHERING:

a. When authorized by the Defense Contract Audit Agency (DCAA) in accordance with DFARS 242.803(b)(i)(C), the contractor may submit interim vouchers directly to paying offices. Such authorization does not extend to the first and final vouchers. Submit first vouchers to the cognizant DCAA office. Final vouchers will be submitted to the ACO with a copy to DCAA.

b. Upon written notification to the contractor, DCAA may rescind the direct submission authority.

c. Should the contractor decline to submit interim vouchers directly to paying offices or if the contractor receives written notification that DCAA has rescinded the direct submission authority, public vouchers, together with any necessary supporting documentation, shall be submitted to the cognizant Defense Contract Audit Agency (DCAA) Office, prior to payment by the Finance and Accounting Office specified in Block 12, Page 1, Section A, of Standard Form 26.

d. The contractor shall identify on each public voucher: (1) The accounting classification reference number (ACRN) assigned to the accounting classification which pertains to the charges billed, e.g. "ACRN: AA;" (2) the Order Number/PRON; and (3) the words "BMD CONTRACT" in bold type on the face page of the voucher. Since vouchers are paid by Order Number/PRON within accounting classification, it is necessary that the Order Number/PRON be shown on each voucher.

e. Department of Defense requires that the Taxpayer Identification Number (TIN) be placed on all certified payment vouchers, including non-profit organizations, when submitting payment to the disbursing office. The only exception is foreign vendors, which will have the word "foreign" in the TIN field. Invoices will be returned to the vendor without payment if a TIN is not provided.

f. The contractor may include in provisional vouchers fixed fee based on the percentage of work completed, subject to the withholding reserve of the contract clause titled "Fixed Fee." The Contracting Officer may elect to withhold or accelerate fee payment based upon the Contractor's actual performance as compared to the milestone events target dates as set forth in Section F hereof.

g. The Paying Office shall ensure that the voucher is disbursed for each ACRN as indicated on the voucher (or as specified herein).

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CONTRACT ADMINISTRATION: Administration of this contract will be performed by the cognizant office as shown in Block 6, Page 1, Section A, of Standard Form (SF) 26. 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.

IDENTIFICATION OF CORRESPONDENCE: All correspondence and data submitted by the contractor under this contract shall reference the contract number.

CONTRACTING ACTIVITY REPRESENTATIVES:

	Contractual Matters
NAME:	[REDACTED]
ORGANIZATION CODE:	SMDC-RDC-EN
TELEPHONE NUMBERS:	[REDACTED]
COMMERCIAL:	[REDACTED]
DEFENSE SWITCHED NETWORK (DSN):	[REDACTED]
EMAIL:	[REDACTED]

(b)(6)

IMPLEMENTATION OF AND EXPLANATION OF THE RELATIONSHIP OF THE LIMITATION OF FUNDS (LOF) CLAUSE TO FEE OBLIGATIONS: The amount of funds estimated to be required for full performance, including fee(s); the amount of funds allotted pursuant to the Contract Clause hereof entitled, Limitations of Funds; the amount of funds currently obligated for fee; and the estimated period of performance covered by the funds allotted are set forth below. Amounts obligated for fee are separate from and are not to be commingled with the amounts allotted for costs and are not available to the contractor to cover costs in excess of those allotted to the contract for cost.

CLINs 0001 and 0002:

- | | |
|--|-----------|
| (1) Amount Required for Full Funding, Including Fee(s): | TBD |
| (2) Amount Allotted Under the LOF Clause for Payment of Costs: | TBD |
| (3) Amount Separately Obligated for Payment of Fee: | TBD |
| (4) Total Amount Allotted and Obligated: | \$504,834 |
| (5) Net Amount Required for Full Funding: | TBD |

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Section H - Special Contract Requirements

CLAUSES INCORPORATED BY FULL TEXT

PUBLIC RELEASE OF INFORMATION:

a. In accordance with DFARS 252.204-7000, Disclosure of Information, the contractor shall not release to anyone outside the contractor's organization any unclassified information, regardless of medium (e.g., film, tape, document), pertaining to any part of this contract or any program related to this contract, unless the Contractor has written approval or the information is otherwise in the public domain before the date of release.

b. Requests for approval shall identify the specific information to be released, the medium to be used, and the purpose for the release. The contractor shall submit its request to the Technical Monitor noted in the contract, Section H, at least 45 days before the proposed date for release. All material to be cleared shall be sent by certified mail/return receipt requested to:

U.S. Army Space and Missile Defense Command
ATTN: Insert Technical Office POC
P. O. Box 1500
Huntsville, AL 35807-3801

c. The Technical Monitor shall process the request in accordance with SMDC form 614-R.

d. If there is no response within 30 days, the Contractor shall resubmit the request to:

U.S. Army Space and Missile Defense Command
ATTN: SMDC-PA
P. O. Box 1500
Huntsville, AL 35807-3801

e. The contractor agrees to include a similar requirement in each subcontract under this contract. Subcontractors shall submit requests for authorization to release through the prime contractor.

DISTRIBUTION CONTROL OF TECHNICAL INFORMATION:

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

(1) Technical Document. Any recorded information that conveys scientific and technical information or technical data.

(2) Scientific and Technical Information. Communicable knowledge or information resulting from or pertaining to conducting and managing a scientific or engineering research effort.

(3) Technical Data. Recorded information related to experimental, developmental, or engineering works that can be used to define an engineering or manufacturing process or to design, procure, produce, support, maintain, operate, repair, or overhaul material. The data may be graphic or pictorial delineations in media such as drawings or photographs, text in specifications or related performance or design type documents, or computer printouts. Examples of technical data include research and engineering data, engineering drawings, and associated

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lists, specifications, standards, process sheets, manuals, technical reports, catalog-item identifications, and related information and computer software documentation.

b. Except as may otherwise be set forth in the Contract Data Requirements List (CDRL), DD Form 1423, (i) the distribution of any technical document prepared under this contract, in any stage of development or completion, is prohibited without the approval of the Contracting Officer and (ii) all technical documents prepared under this contract shall initially be marked with the following distribution statement, warning, and destruction notice:

(1) DISTRIBUTION STATEMENT F - Further dissemination only as directed by SMDC-IO-P or higher DOD authority.

(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, as amended, Title 50, U.S.C., app 2401 et seq. Violation 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 (NISPOM), Chapter 5, Section 7, or DOD 5200.1-R, Information Security Program Regulation, Chapter IX. For unclassified, limited documents, destroy by any method that will prevent disclosure of contents or reconstruction of the document.

c. As a part of the review of preliminary or working draft technical documents, the Government will determine if a distribution statement less restrictive than the statement specified above would provide adequate protection. If so, the Government's approval/comments will provide specific instructions on the distribution statement to be marked on the final technical documents before primary distribution.

d. Peer-reviewed publications and student theses generated as a result of work performed under this contract requires a 90-day publication delay period. Peer-reviewed publications and student theses must be submitted to the Government technical representative for review and comment at least 90 days prior to the date of any proposed presentation.

TECHNICAL COGNIZANCE AND TECHNICAL DIRECTION:

a. The U.S. Army Space and Missile Defense Command is the cognizant Government technical organization for this contract and will provide technical direction as defined herein. Technical direction shall be exercised by the following Project Engineer:

<u>Name</u>	<u>Office symbol</u>	<u>Phone Number</u>
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b. Technical direction, as defined in this clause is the process by which the progress of the contractor's technical efforts are reviewed and evaluated and guidance for the continuation of the effort is provided by the Government. It also includes technical discussions and, to the extent required and specified elsewhere in this contract, defining interfaces between contractors; approving test plans; approving preliminary and critical design reviews; participating in meetings; providing technical and management information; and responding to request for research and development planning data on all matters pertaining to this contract. The contractor agrees to accept technical direction only in the form and procedure set forth herein below.

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c. Except for routine discussions having no impact on contractor performance, any and all technical direction described in paragraph b. above shall only be authorized and binding on the contractor when issued in writing and signed by a Government official designated in a. above. The Technical Direction shall not effect or result in a change within the meaning of the "CHANGES" clause, or any other change in the Scope of Work, price, schedule, or the level of effort required by the contract. Such changes must be executed by the Contracting Officer as a Modification-Change Order, or as a Modification-Supplemental Agreement, as appropriate. It is emphasized that such changes are outside the authority of the Government officials designated in a. above who are not authorized to issue any directions which authorize the contractor to exceed or perform less than the contract requirements. Notwithstanding any provision to the contrary in any Technical Directive, the estimated cost of this contract, and, if this contract is incrementally funded, the amount of funds allotted, shall not be increased or deemed to be increased by issuance thereof.

H-. KEY PERSONNEL:

a. The key personnel listed in paragraph b. below are considered to be critical to the successful performance of this contract. Prior to replacing these key personnel, the contractor shall obtain written consent of the contracting officer. In order to obtain such consent, the contractor must provide advance notice of the proposed changes and must demonstrate that the qualifications of the proposed substitute personnel are generally equivalent to or better than the qualifications of the personnel being replaced.

b. Key Personnel List:

<u>NAME</u>	<u>POSITION</u>
TBD	

(This list shall be negotiated by the parties. Personnel identified as key individuals in the offeror's proposal shall be candidates for this list, however, it is not intended that all such proposed key individuals must be listed in this clause.)

MINIMUM INSURANCE LIABILITY: Pursuant to the requirements of the contract clause 52.228-7, "Insurance – Liability to Third Persons," the contractor shall obtain and maintain at least the following kinds of insurance and minimum liability coverage during any period of contract performance:

- a. **Workman's Compensation and Employers' Liability Insurance:** Compliance with applicable workmen's compensation and occupational disease statutes is required. Employers' liability coverage in the minimum amount of \$100,000 is required.
- b. **General Liability Insurance:** Bodily injury liability insurance, in the minimum limits of \$500,000 per occurrence, is required on the comprehensive form of policy; however, property damage liability insurance is not required.
- c. **Automobile Liability Insurance:** This insurance is required on the comprehensive form of policy and shall provide bodily injury liability and property damage liability covering the operation of all automobiles used in connection with the performance of the contract. At least the minimum limits of \$200,000 per person and \$500,000 per occurrence for bodily injury and \$20,000 per occurrence for property damage is required.

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Patents - Reporting of Subject Inventions:

- a. The interim and final invention reports shall be submitted on DD Form 882, Report of Inventions and Subcontracts, see <http://www.smdc.army.mil/2008/CAMO-Announcements.asp>. In accordance with DFARS 252.227-7038 and 252.227-7039, interim reports shall be furnished every twelve (12) months and final reports shall be furnished within three (3) months after completion of the contracted work. In accordance with FAR 27.305-2(c), when a contractor fails to disclose a subject invention the applicable withholding of payments provision may be invoked.
- b. The contractor shall include the clause at DFARS 252.227-7039 in all subcontracts with small businesses and non profit organizations, regardless of tier, for experimental, developmental, or research work.
- c. The prime contractor shall account for the interim and final invention reports submitted by the subcontractor(s). The prime contractor's invention reports shall contain a copy of each of the subcontractor's invention reports.

YEAR 2000 COMPLIANCE:

The Contractor shall ensure products provided under this contract, to include hardware, software, firmware, and middleware, whether acting alone or combined as a system, are Year 2000 compliant as defined in FAR Part 39.

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Section I - Contract Clauses

CLAUSES INCORPORATED BY REFERENCE

52.202-1	Definitions	JUL 2004
52.203-3	Gratuities	APR 1984
52.203-5	Covenant Against Contingent Fees	APR 1984
52.203-6	Restrictions On Subcontractor Sales To The Government	SEP 2006
52.203-7	Anti-Kickback Procedures	JUL 1995
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	JAN 1997
52.203-10	Price Or Fee Adjustment For Illegal Or Improper Activity	JAN 1997
52.203-12	Limitation On Payments To Influence Certain Federal Transactions	SEP 2007
52.204-2	Security Requirements	AUG 1996
52.204-4	Printed or Copied Double-Sided on Recycled Paper	AUG 2000
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	SEP 2006
52.215-2	Audit and Records--Negotiation	MAR 2009
52.215-8	Order of Precedence--Uniform Contract Format	OCT 1997
52.215-10	Price Reduction for Defective Cost or Pricing Data	OCT 1997
52.215-12	Subcontractor Cost or Pricing Data	OCT 1997
52.215-14	Integrity of Unit Prices	OCT 1997
52.215-15	Pension Adjustments and Asset Reversions	OCT 2004
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 Cost or Pricing Data or Information Other Than Cost or Pricing Data--Modifications	OCT 1997
52.216-7	Allowable Cost And Payment	DEC 2002
52.216-8	Fixed Fee	MAR 1997
52.216-23	Execution And Commencement Of Work	APR 1984
52.216-26	Payments Of Allowable Costs Before Definitization	DEC 2002
52.222-1	Notice To The Government Of Labor Disputes	FEB 1997
52.222-2	Payment For Overtime Premiums	JUL 1990
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 Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans	SEP 2006
52.222-37	Employment Reports On Special Disabled Veterans, Veterans Of The Vietnam Era, and Other Eligible Veterans	SEP 2006
52.222-39	Notification of Employee Rights Concerning Payment of Union Dues or Fees	DEC 2004
52.223-6	Drug-Free Workplace	MAY 2001
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
52.227-10	Filing Of Patent Applications--Classified Subject Matter	DEC 2007
52.227-11	Patent Rights--Ownership By The Contractor	DEC 2007

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52.228-7	Insurance--Liability To Third Persons	MAR 1996
52.230-2	Cost Accounting Standards	OCT 2008
52.230-6	Administration of Cost Accounting Standards	MAR 2008
52.232-9	Limitation On Withholding Of Payments	APR 1984
52.232-17	Interest	OCT 2008
52.232-22	Limitation Of Funds	APR 1984
52.232-23	Assignment Of Claims	JAN 1986
52.232-25	Prompt Payment	OCT 2008
52.232-33	Payment by Electronic Funds Transfer--Central Contractor Registration	OCT 2003
52.233-1	Disputes	JUL 2002
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 2001
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
52.244-2 Alt I	Subcontracts (Jun 2007) - Alternate I	JUN 2007
52.244-5	Competition In Subcontracting	DEC 1996
52.244-6	Subcontracts for Commercial Items	MAR 2009
52.249-6	Termination (Cost Reimbursement)	MAY 2004
52.249-14	Excusable Delays	APR 1984
52.251-1	Government Supply Sources	APR 1984
52.253-1	Computer Generated Forms	JAN 1991
252.203-7002	Requirement to Inform Employees of Whistleblower Rights	JAN 2009
252.204-7000	Disclosure Of Information	DEC 1991
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7004 Alt A	Central Contractor Registration (52.204-7) Alternate A	SEP 2007
252.204-7005	Oral Attestation of Security Responsibilities	NOV 2001
252.205-7000	Provision Of Information To Cooperative Agreement Holders	DEC 1991
252.209-7004	Subcontracting With Firms That Are Owned or Controlled By The Government of a Terrorist Country	DEC 2006
252.215-7000	Pricing Adjustments	DEC 1991
252.215-7002	Cost Estimating System Requirements	DEC 2006
252.223-7004	Drug Free Work Force	SEP 1988
252.225-7012	Preference For Certain Domestic Commodities	DEC 2008
252.227-7013	Rights in Technical Data--Noncommercial Items	NOV 1995
252.227-7014	Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation	JUN 1995
252.227-7015	Technical Data--Commercial Items	NOV 1995
252.227-7016	Rights in Bid or Proposal Information	JUN 1995
252.227-7019	Validation of Asserted Restrictions--Computer Software	JUN 1995
252.227-7025	Limitations on the Use or Disclosure of Government- Furnished Information Marked with Restrictive Legends	JUN 1995
252.227-7030	Technical Data--Withholding Of Payment	MAR 2000
252.227-7037	Validation of Restrictive Markings on Technical Data	SEP 1999
252.227-7039	Patents--Reporting Of Subject Inventions	APR 1990
252.231-7000	Supplemental Cost Principles	DEC 1991
252.232-7003	Electronic Submission of Payment Requests and Receiving Reports	MAR 2008
252.235-7010	Acknowledgment of Support and Disclaimer	MAY 1995
252.235-7011	Final Scientific or Technical Report	NOV 2004

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252.242-7004	Material Management And Accounting System	NOV 2005
252.243-7002	Requests for Equitable Adjustment	MAR 1998
252.247-7023	Transportation of Supplies by Sea	MAY 2002
252.247-7024	Notification Of Transportation Of Supplies By Sea	MAR 2000

CLAUSES INCORPORATED BY FULL TEXT

52.216-24 LIMITATION OF GOVERNMENT LIABILITY (APR 1984)

(a) In performing this contract, the Contractor is not authorized to make expenditures or incur obligations exceeding \$504,834 dollars.

(b) The maximum amount for which the Government shall be liable if this contract is terminated is \$504,834 dollars.

(End of clause)

52.216-25 CONTRACT DEFINITIZATION (OCT 1987) - ALTERNATE I (APR 1984)

(a) A cost-plus-fixed-fee definitive contract is contemplated. The Contractor agrees to begin promptly negotiating with the Contracting Officer the terms of a definitive contract that will include (1) all clauses required by the Federal Acquisition Regulation (FAR) on the date of execution of the letter contract, (2) all clauses required by law on the date of execution of the definitive contract, and (3) any other mutually agreeable clauses, terms, and conditions. The Contractor agrees to submit a cost-plus-fixed-fee proposal.

(b) The schedule for definitizing this contract is:

Submission of Proposal	60 days after award of letter contract
Begin Negotiations	120 days after award of letter contract
Contract Definitization	180 days after award of letter contract

(c) If agreement on a definitive contract to supersede this letter contract is not reached by the target date in paragraph (b) above, or within any extension of it granted by the Contracting Officer, the Contracting Officer may, with the approval of the head of the contracting activity, determine a reasonable price or fee in accordance with Subpart 15.8 and Part 31 of the FAR, subject to Contractor appeal as provided with completion of the contract, subject only to the Limitation of Government Liability clause.

(1) After the Contracting Officer's determination of price or fee, the contract shall be governed by--

(i) All clauses required by the FAR on the date of execution of this letter contract for either fixed-price or cost-reimbursement contracts, as determined by the Contracting Officer under this paragraph (c);

(ii) All clauses required by law as of the date of the Contracting Officer's determination; and

(iii) Any other clauses, terms, and conditions mutually agreed upon.

(2) To the extent consistent with subparagraph (c)(1) above, all clauses, terms, and conditions included in this

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letter contract shall continue in effect, except those that by their nature apply only to a letter contract.

(d) The definitive contract resulting from this letter contract will include a negotiated cost/price ceiling in no event to exceed \$1,009,668.

(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):

www.arnet.gov

(End of clause)

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Section J - List of Documents, Exhibits and Other Attachments

CLAUSES INCORPORATED BY FULL TEXT

PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J - LIST OF ATTACHMENTS

<u>TITLE</u>	<u>DATE</u>	<u># OF PAGES</u>
Statement of Work entitled "Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) [REDACTED]		4 (b)(3)
Contract Data Requirements List (DD Form 1423), Data Item No. A001 through A003	28 May 09	3
Contract Security Classification Specification (DD Form 254)		11

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Statement of Work (SOW)
Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS)

[REDACTED]
Revision I
10 November 2009

(b)(3)

1.0 Scope: The purpose of this SOW is to define the requirements for JLENS support of the [REDACTED] and is planned as a two-phased, continuous effort. The first phase will generate interface documentation and identify the necessary information to develop a budgetary input for the cost of designing and developing an [REDACTED] for the JLENS side of the [REDACTED]. The second phase will continue the [REDACTED] effort and its interfaces with the [REDACTED]. Phase I will transition to Phase II with the award of the [REDACTED] (based upon the Milestone B decision) and Phase II will end at the [REDACTED] scheduled 5 months after the [REDACTED].

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2.0 Applicable Documents: Applicable top level documents are contained in Enclosure (2) to the contract, Document Summary List (DSL), by number, title and date. The document versions specified on the DSL take precedence over the generic references (without revision letters) cited in the SOW.

3.0 Requirements:

3.1 Release of any Government Furnished Information (GFI) developed under this task will be approved by the [REDACTED]. The contractor shall not provide any data generated under this task to [REDACTED].

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(b)(3)

This does not preclude the contractor from exchange of information with other contractor programs outside the scope of the task.

3.2 The contractor shall mark all deliverables with the appropriate data rights legends and shall be handled accordingly. The contractor shall ensure that all data items are prepared, updated, delivered and tracked In Accordance With (IAW) contract requirements. According to paragraph (b) (1) (iv) of the Rights in Technical Data-Noncommercial Items Clauses at Department of Defense Federal Acquisition Regulation Supplement (DFARS) 252.227-7013 and DFARS 252.227-7014 form, fit and function technical data is to be delivered with Unlimited Rights. Any and all costing data associated with this tasking shall be for Government use only and shall not be shared with [REDACTED].

(b)(3)

3.3 GFI: The Government will provide the following as GFI:

1. Draft Government developed Interface Control Document (ICD)

2. [REDACTED]

3. [REDACTED]

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4. [REDACTED] (b)(3)
- 3.4 [REDACTED] (b)(3)
- 3.4.1 Task Set 1 - Develop [REDACTED] The contractor shall determine if data elements identified in the JLENS to [REDACTED] and applicable [REDACTED] Specification sections are compatible with the JLENS design and support the completion of the JLENS to [REDACTED] (b)(3)
- a. Identify any impacts to the JLENS design with respect to the [REDACTED] (b)(3)
 - b. Identify any impacts on JLENS logistics. Elements are specifically listed in AR 700-127.
 - c. Identify future data and Government Furnished Equipment (GFE) needs associated with [REDACTED]
 - d. Schematically identify where it would be most feasible to obtain the desired JLENS mission data as defined by the ICD. (b)(3)
 - e. The contractor shall prepare the following deliverables as a requirements of Task Set 1:
 - i. Document the JLENS concept for implementing the applicable [REDACTED] ICD and changes identified in Task 1. This information shall be provided in a report in accordance with DI-MISC-80508 that identifies and describes necessary changes and additions to the host component baseline designs. (b)(3)
 - ii. Provide technical support to a Government Round Order of Magnitude (ROM) cost estimate for interface design, fabrication, integration and test of the JLENS to [REDACTED] (b)(3)
 - iii. Provide technical support for the technical interchange and status meetings.
 - iv. Document the recommended JLENS [REDACTED] a report in accordance with DI-MISC-80508. (b)(3)
 - v. Document all assumptions in the task execution and cost activities in a report in accordance with DI-MISC-80508.
 - vi. Report status and expenditure rate monthly in accordance with DI-FNCL-80331.
- 3.4.2 In parallel with Specific Task Set 1, the contractor shall execute the following Task Set 2 [REDACTED] to JLENS): (b)(3)
- a. Perform analysis on potential/real impacts of the [REDACTED] on JLENS. (b)(3)
 - i. Identify [REDACTED] functions that will no longer be used in an [REDACTED] (b)(3)
 - ii. Determine potential operational impacts of [REDACTED] requirements (ex. deployment, top level CONOPS). (b)(3)

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3.5 Phase 2. [REDACTED] Activities

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3.5.1 The contractor shall begin to work with the JLENS Product Office personnel to determine options for maximizing commonality.

- a. Specific [REDACTED] development with focus on design and implementation of the [REDACTED] (b)(3)
- b. Perform trade studies and analysis [REDACTED] JLENS. (b)(3)
- c. Support [REDACTED] Reviews and Preparations. (b)(3)
- d. Identify required [REDACTED], software, and testing needed to support the [REDACTED] program. (b)(3)
- e. Identify required documentation needed to support [REDACTED] (b)(3)
- f. Determine cost, schedule, and level of effort required for implementation (integration into JLENS systems).
- g. Deliverables:
 - i. Inputs to the [REDACTED] in a report in accordance with DI-MISC-80508. (b)(3)
 - ii. Review and provide first-order assessment of JLENS integration and test impacts to the [REDACTED] in a report in accordance with DI-MISC-80508. (b)(3)
 - iii. Cost and Schedule Estimate for JLENS and [REDACTED] testing with [REDACTED] required through [REDACTED] in a report in accordance with DI-MISC-80508. (b)(3)
 - iv. Required GFE and Delivery Schedule in a report in accordance with DI-MISC-80508. (b)(3)

3.5.2 The contractor shall, at the [REDACTED]

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CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					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 (using Contracting Officer for Contract/PR No. listed in Block E).							
A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: I DP TM OTHER X			
D. SYSTEM/ITEM JLENS		E. CONTRACT/PR NO. W9113M-09-C-0202		F. CONTRACTOR Raytheon Company			
1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Technical Report - Study/Services			3. SUBJECT			17. PRICE GROUP
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508B		5. CONTRACT REFERENCE SOW paragraphs 3.4.1.e.i., 3.4.1.e.iv., 3.4.1.e.v., 3.4.2.b.iii., 3.4.2.b.iv., 3.4.2.b.v., 3.5.1.g.i., 3.5.1.g.ii., 3.5.1.g.iii. and 3.5.1.g.iv.		6. REQUIRING OFFICE SFAE-MSLS-CMDS-TM-SE			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION ASREQ	14. DISTRIBUTION			
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION ASREQ	a. ADDRESSEE SFAE-MSLS-CMDS-PE-CM	b. COPIES	Draft	Final	
				Reg	Repu		
16. REMARKS: Blk 8: The Government will provide approval/disapproval thirty days after receipt. The contractor shall resubmit corrected version thirty days after receipt of Government comments. Blk 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000. Export Control 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, as amended, Title 50, U.S.C., app 2401 et seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Contractor format acceptable. Blk 14: Electronic delivery of this data item IAW the SOW. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is placed in portal or repository. Letter of transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office documents.							
G. PREPARED BY [redacted]	H. DATE 5-28-09	I. [redacted]	J. DATE 28 May 2009	1	1	1	19. IN SECT. B

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SECT. B

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NO. LINE ITEM 3 DATE 28 May 09

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CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

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 Service, 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 Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X	
D. SYSTEM/ITEM JLENS		E. CONTRACT/PR NO. W9113M-09-C-0202		F. CONTRACTOR Raytheon Company	
1. DATA ITEM NO. A002	2. TITLE OF DATA ITEM Funds and Man Hours Expenditure Report			3. SUBTITLE FMER	
4. AUTHORITY (Data Acquisition Document No.) DI-FNCL-80331A		5. CONTRACT REFERENCE SOW paragraph 3.4.1.e.vi.		8. REQUIRING OFFICE SFAE-MSLS-CMDS-TM-SE	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY MNTHLY	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION	
8. APP CODE NA	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE SFAE-MSLS-CMDS-PE-CM	b. COPIES	
16. REMARKS: Blk 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000. Export Control 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, as amended, Title 50, U.S.C., app 2401 et seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Blk 12: 20 calendar days after close of accounting month after contract award. Blk 13: 20 calendar days after close of accounting month. Contractor format is acceptable. The contractor shall submit FMER in electronic format compatible with Microsoft Office. Blk 14: Electronic delivery of this data item JAW the SOW. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is placed in portal or repository. Letter or transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office documents.				Draft	Final
				Reg	Repro
				1	1
H. DATE 5-28-09			J. DATE 28 May 2009		

(b)(3)

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE
INSERT

IN
SECT. B

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CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

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 Service, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1104, 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 Printing Contracting Officer for Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A	C. CATEGORY: TDP TM OTHER X		
D. SYSTEM/ITEM JLENS		E. CONTRACT/PR NO. W9113M-09-C-0202		F. CONTRACTOR Raytheon Company	
1. DATA ITEM NO. A003	2. TITLE OF DATA ITEM Presentation Material		3. SUBTITLE Briefing Charts		
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81373		5. CONTRACT REFERENCE SOW paragraph 3.4.2.b.vi.		6. REQUIRING OFFICE SFAE-MSLS-CMDS-TM-SE	
7. DD 280 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION ASREQ	14. DISTRIBUTION	
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION ASREQ	d. COPIES	
				a. ADDRESSEE	Final
					Draft
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					Repro
16. REMARKS: Blk 8: The Government will provide approval/disapproval thirty days after receipt. The contractor shall resubmit corrected version thirty days after receipt of Government comments. Blk 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000. Export Control 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, as amended, Title 50, U.S.C., app 2401 et seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Contractor format is acceptable. The contractor shall submit FMER in electronic format compatible with Microsoft Office. Blk 14: Electronic delivery of this data item IAW the SOW. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is placed in portal or repository. Letter of transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office documents.				SFAE-MSLS-CMDS-PE-CM	
				1	1
				1	1
				1	1
G. PREPARED BY [redacted]		I. DATE 5-28-09		J. DATE 28 May 2009	

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17. PRICE GROUP

18. ESTIMATED TOTAL PRICE
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IN
SECT. B

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DEPARTMENT OF DEFENSE CONTRACT SECURITY CLASSIFICATION SPECIFICATION		1. CLEAR/UNCE AND SAFEGUARDING	
(The requirements of the DoD Industrial Security Manual apply to all security aspects of this effort.)		[REDACTED]	
		[REDACTED]	
2. THIS SPECIFICATION IS FOR: (If not complete as applicable)		3. THIS SPECIFICATION IS: (If not complete as applicable)	
a. PRIME CONTRACT NUMBER W9113M-09-C-0202		<input checked="" type="checkbox"/> a. ORIGINAL (Complete date in all cases)	DATE (YYMMDD)
b. SUBCONTRACT NUMBER		<input type="checkbox"/> b. REVISED (Supersedes all previous copies)	Revision No. DATE (YYMMDD)
c. SOLICITATION OR OTHER NUMBER JA2009-17		d. FINAL (Complete Item 5 in all cases)	
DUE DATE (YYMMDD)		DATE (YYMMDD)	
4. THIS IS A FOLLOW-ON CONTRACT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO. If Yes, complete the following: Classified material received or generated under _____ (Preceding Contract Number) is transferred to this follow-on contract.			
5. IS THIS A FINAL DD FORM 254? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO. If Yes, complete the following: In response to the contractor's request dated _____, retention of the identified classified material is authorized for the period of _____.			
6. CONTRACTOR (Include Confidential and Government Entity (CAGE) Code)			
a. NAME, ADDRESS, AND ZIP CODE Raytheon Company Integrated Defense Systems 350 Lowell Street Andover, MA 01810	b. CAGE CODE 05716	c. COMBANT SECURITY OFFICE (Name, Address, and Zip Code) Defense Security Service Wilmington Field Office (S11WL) 187 Bellarmine Street, Suite B-205 Wilmington, MA 01887-1062	
7. SUBCONTRACTOR			
a. NAME, ADDRESS, AND ZIP CODE	b. CAGE CODE	c. COMBANT SECURITY OFFICE (Name, Address, and Zip Code)	
8. ACTUAL PERFORMANCE			
a. LOCATION Raytheon Company Integrated Defense Systems 350 Lowell Street Andover, MA 01810	b. CAGE CODE	c. COMBANT SECURITY OFFICE (Name, Address, and Zip Code)	
9. GENERAL IDENTIFICATION OF THIS PROCUREMENT The purpose of this effort is to generate interface documentation and identify the necessary information to develop a budgetary input for the cost of designing and developing an [REDACTED] for the JLENS side of the [REDACTED]			
10. THIS CONTRACT WILL REQUIRE ACCESS TO:		11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:	
a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION	YES NO	a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY	YES NO
b. RESTRICTED DATA		b. RECEIVE CLASSIFIED DOCUMENTS ONLY	
c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION		c. RECEIVE AND GENERATE CLASSIFIED MATERIAL	
d. FORMERLY RESTRICTED DATA		d. FABRICATE, REPAIR, OR STORE CLASSIFIED HARDWARE	
e. INTELLIGENCE INFORMATION		e. PERFORM SERVICES ONLY	
(1) Sensitive Compartmented Information (SCI)		f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S. (EXCEPT FOR U.S. COMBANTS AND TRUST TERRITORIES)	
(2) Non-SCI		g. BE AUTHORIZED TO USE THE SERVICES OF DEBRIS TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER	
f. SPECIAL ACCESS INFORMATION		h. REQUIRE A COMSEC ACCOUNT	
g. NATO INFORMATION		i. HAVE TEMPUS REQUIREMENTS	
h. FOREIGN GOVERNMENT INFORMATION		j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS	
i. LIMITED DISSEMINATION INFORMATION		k. BE AUTHORIZED TO USE THE DEFENSE COUNCIL SERVICE	
j. FOR OFFICIAL USE ONLY INFORMATION		l. OTHER (Specify)	
k. OTHER (Specify)		AIS Classified Confidential Secret Processing	

(b)(7) (E)

(b)(3)

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DD FORM 254 Front

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12. PUBLIC RELEASE. Any information (classified or unclassified) pertaining to this contract shall not be released for public dissemination except as provided by the NSPOM or unless it has been approved for public release by appropriate U.S. Government authority. Proposed public releases shall be submitted for approval prior to release.

Direct Through (Specify):
Commander, US Army Aviation and Missile Command, ATTN: AAMSAM-PA, Redstone Arsenal AL 35899-5000. Public release of classified information is not authorized and prohibited for public release.

In the event of a Freedom of Information Act request, the contractor shall refer the request to the Assistant Secretary of Defense (Public Affairs) for review. In the case of non-DoD (Non-Agency) requests for disclosure shall be referred to that agency.

13. SECURITY GUIDANCE. The security classification guidance needed for this classified effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes, to challenge the guidance or the classification assigned to any information or material furnished or generated under this contract and to submit any questions for interpretation of this guidance to the official identified below. Pending final decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended. (It is not appropriate for the classified effort. Attack, or forward under separate correspondence, any documents, materials, contracts, records, etc. Add additional pages as needed to provide complete guidance.)

Technical POC is [REDACTED]

See continuation pages for additional security guidance.

Contract End Date is May 13th 2010

(b)(6)

14. ADDITIONAL SECURITY REQUIREMENTS. Requirements, in addition to NSPOM requirements, are established for this contract. (If Yes, identify the pertinent contractual clauses in the contract document itself, or provide any applicable electronic identification. Do additional requirements. Provide a copy of the requirements to the cognate security office. Use Item 13 if additional space is needed.) Yes No

15. INSPECTIONS. Elements of this contract are outside the inspection responsibility of the cognate security office. (If Yes, explain and identify specific areas or elements covered and the entity responsible for inspection. Use Item 13 if additional space is needed.) Yes No

16. CERTIFICATION AND SIGNATURE. Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

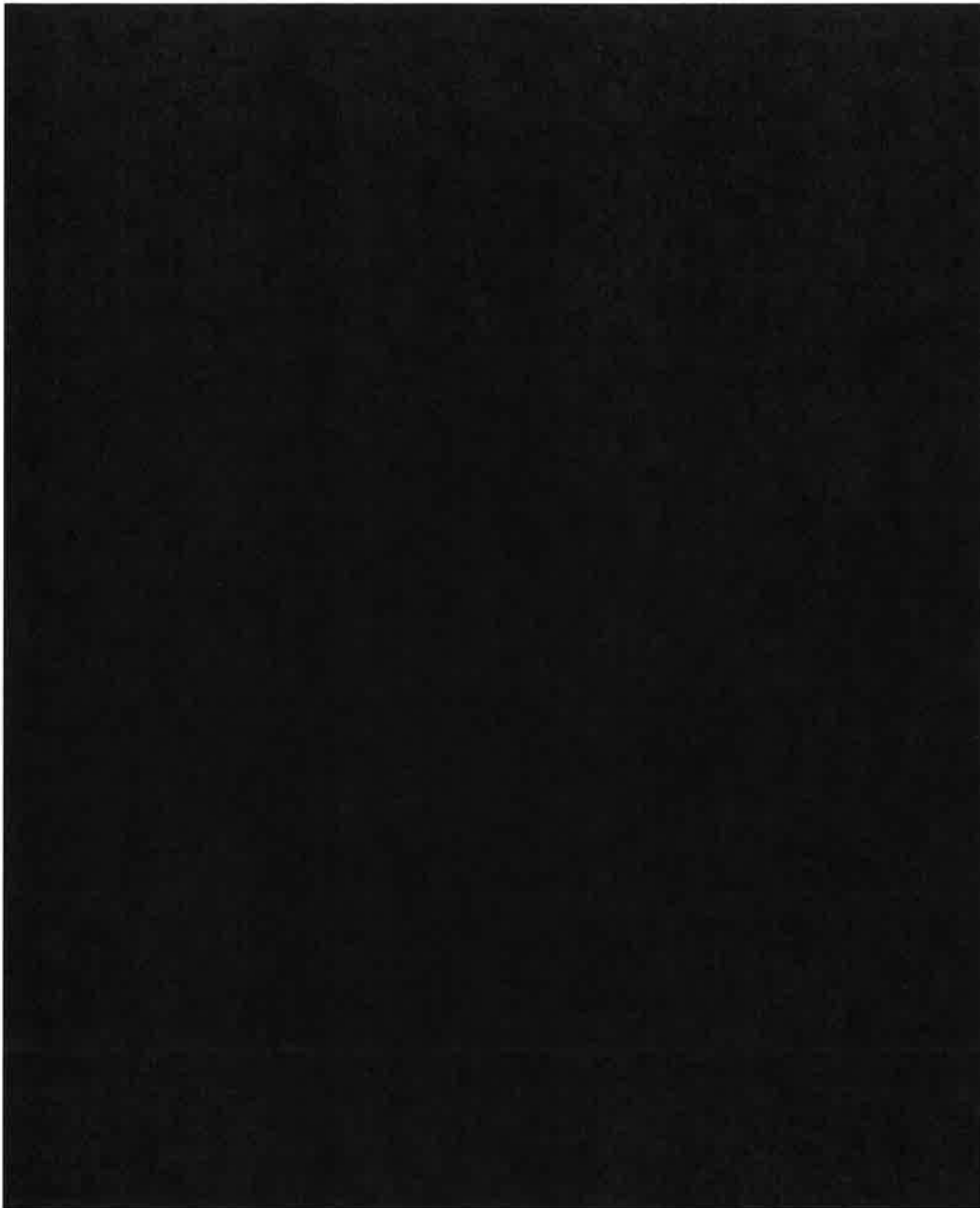
<p>a. NAME (Last, First, Middle Initial) [REDACTED]</p>	<p>b. TITLE JLENG Program Security Manager</p>	<p>c. MAILING ADDRESS (Include Area Code) [REDACTED]</p>
--	---	---

d. ADDRESS (Include Zip Code)
 Cuban Missile Defense Systems Project Office/JLENG
 SFAE-MLS-CMOS-JLN-SO
 Bldg 6368
 Redstone Arsenal, AL 35899-5800

- 17. REQUIRED DISTRIBUTION**
- a. CONTRACTOR
 - b. SUBCONTRACTOR
 - c. COMBANT SECURITY OFFICE FOR PRIME AND SUB CONTRACTOR
 - d. U.S. ACTIVITY RESPONSIBLE FOR COMBANT SECURITY ADMINISTRATION
 - e. ADMINISTRATIVE CONTRACTING OFFICER
 - f. OTHERS AS NECESSARY

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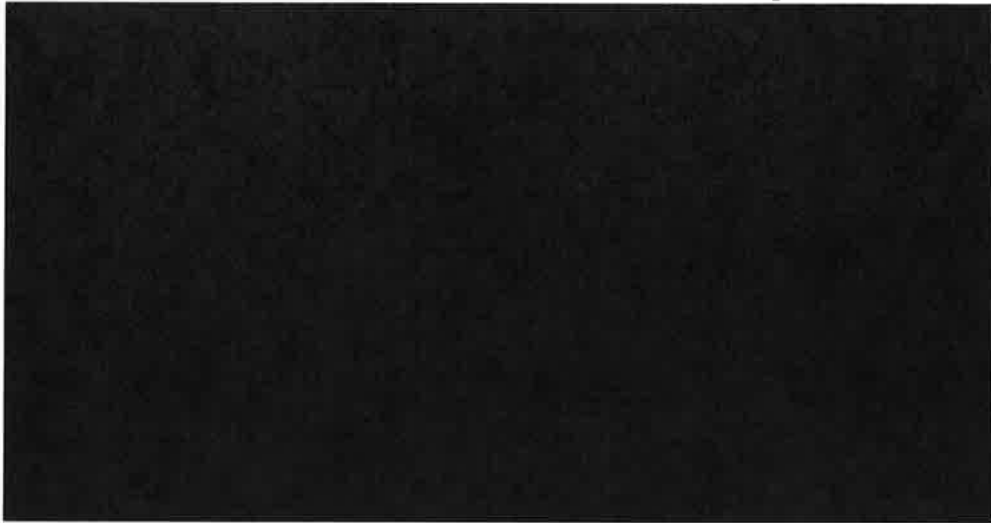
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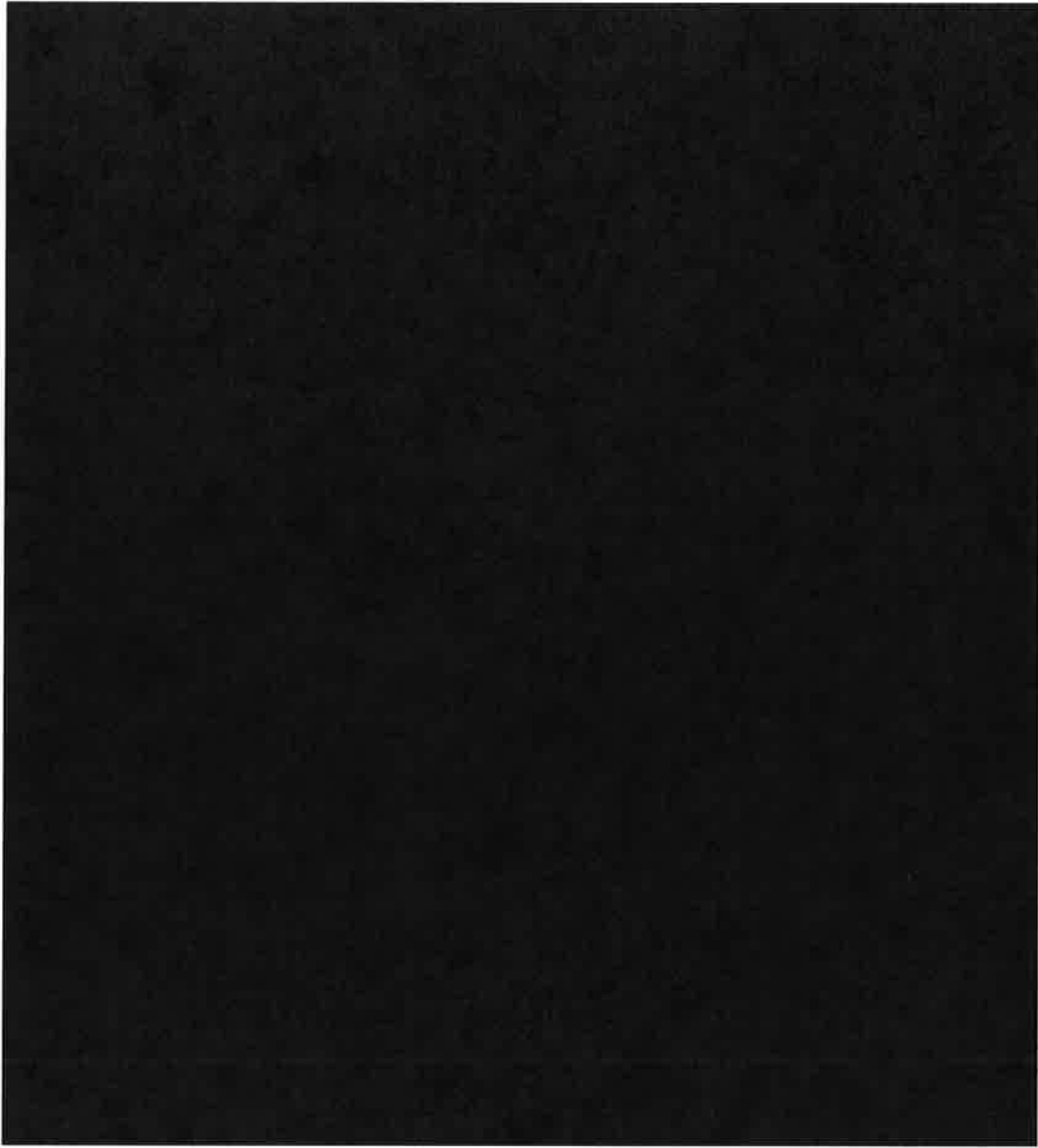
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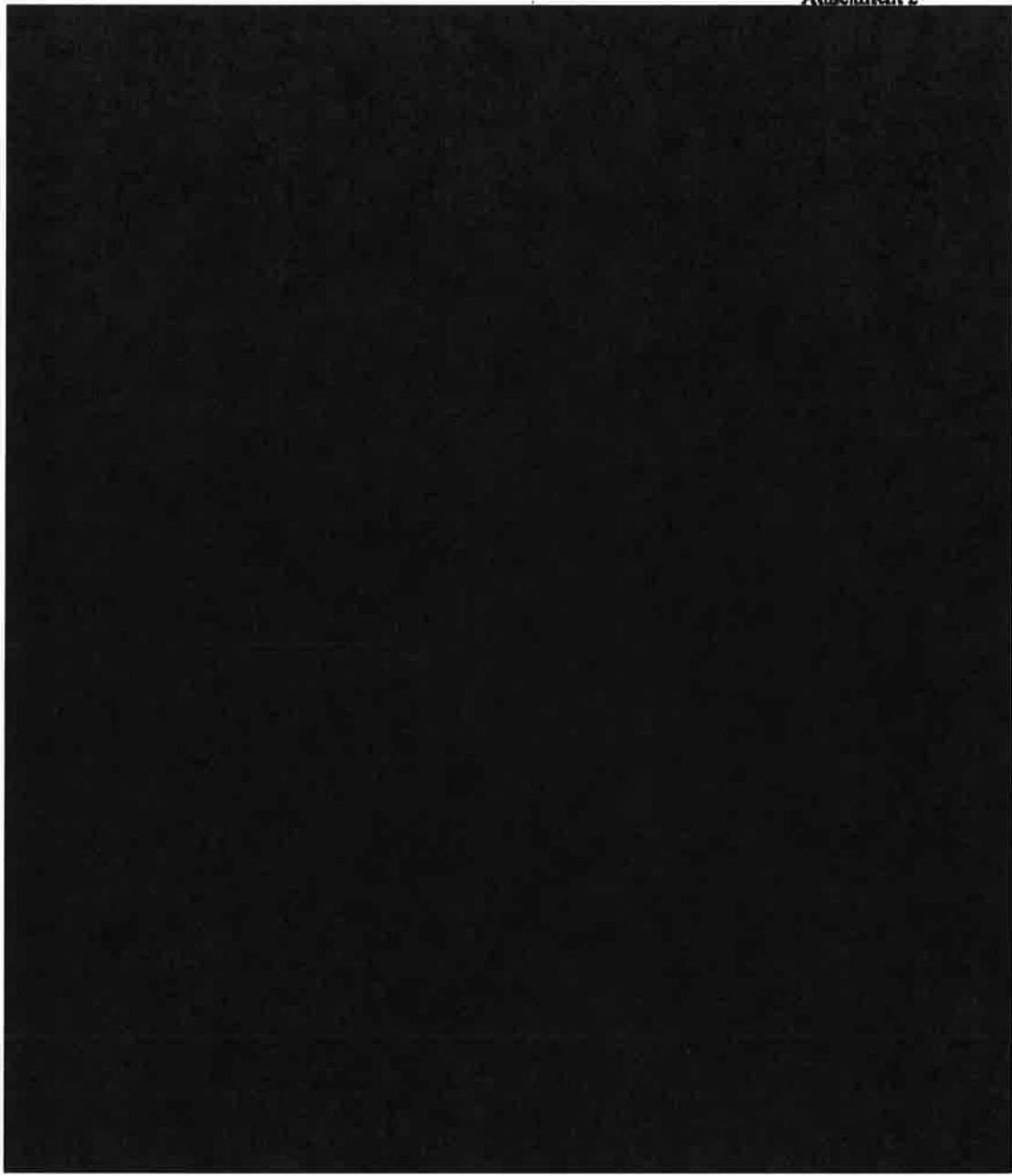
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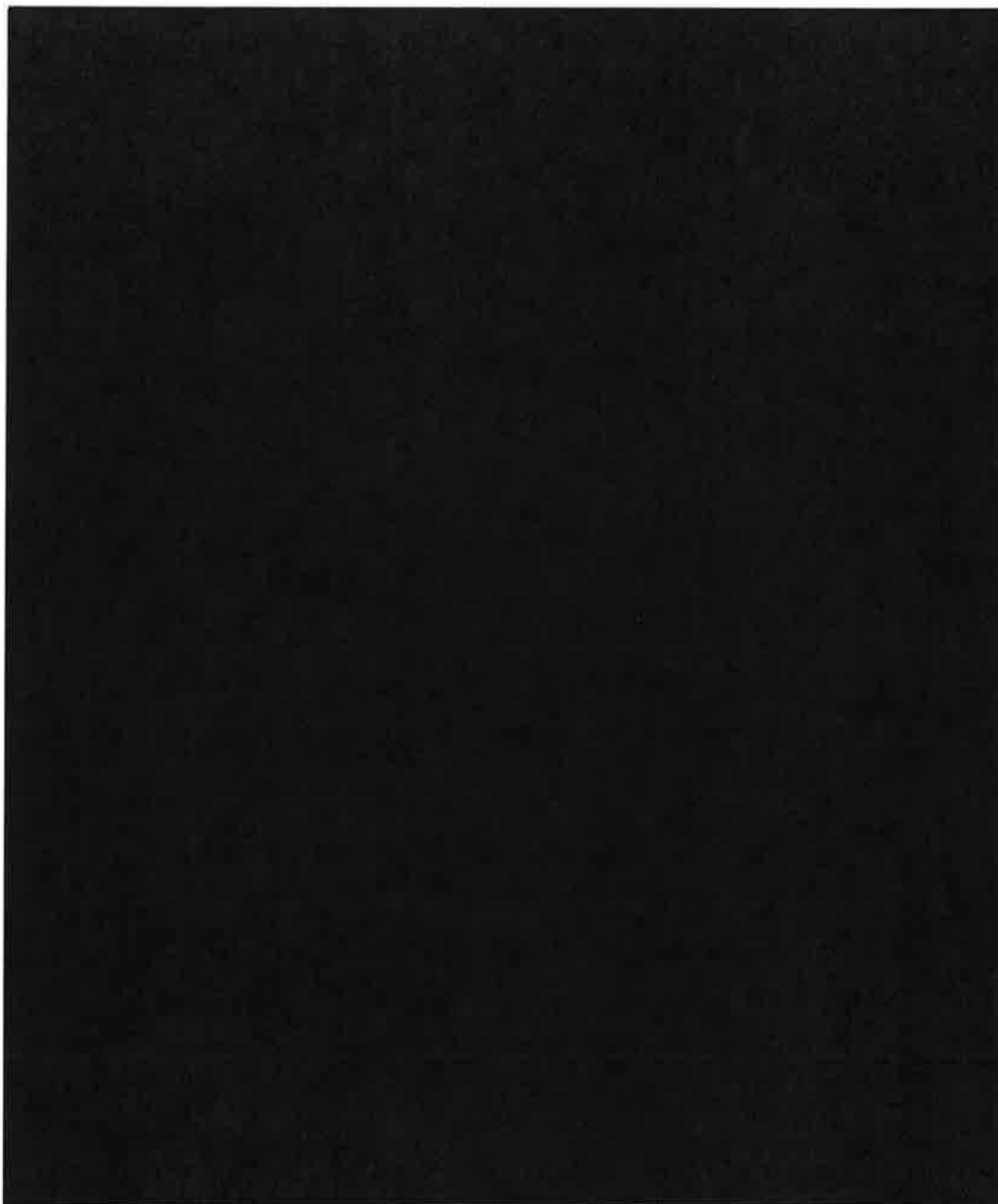


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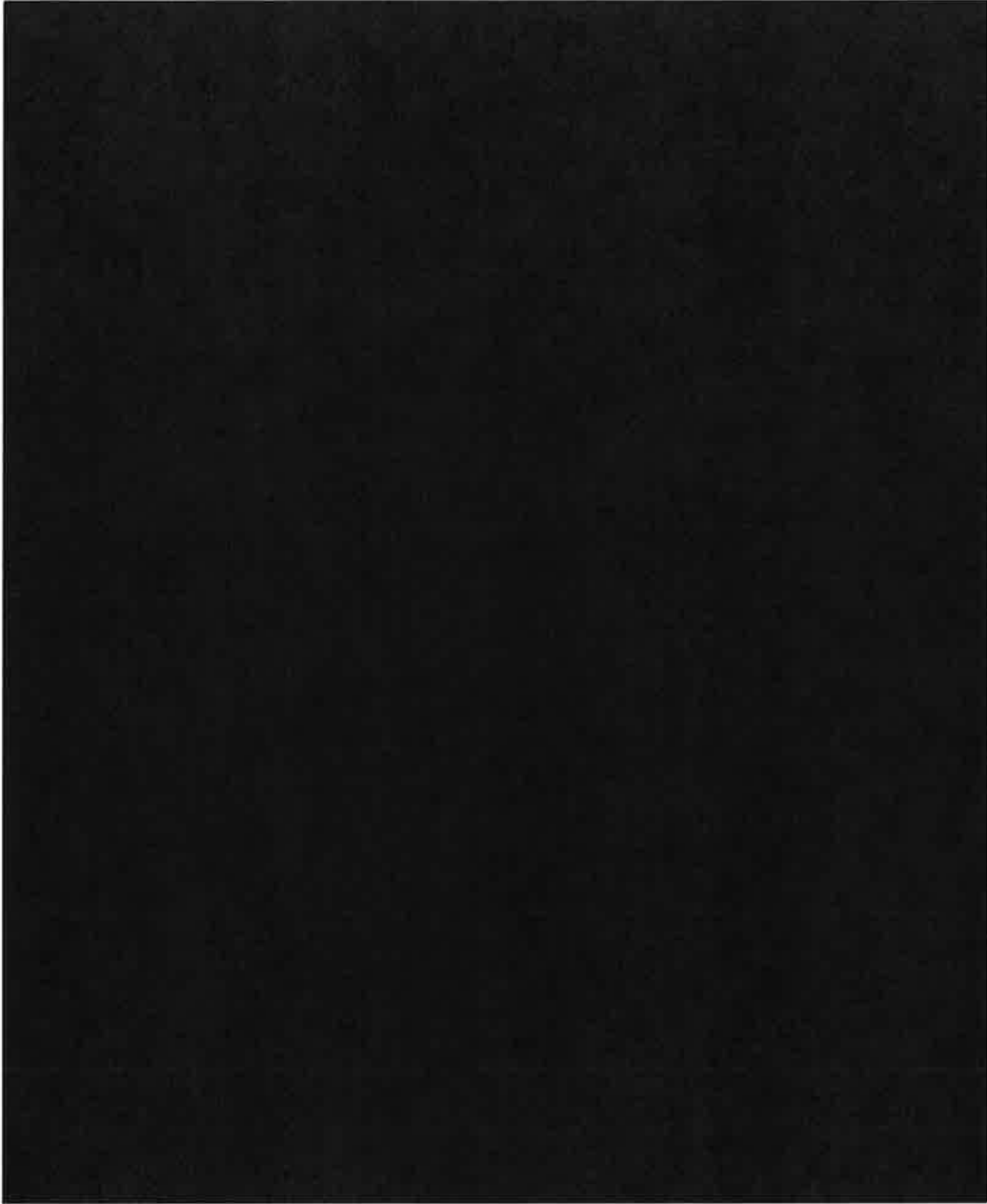


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(b)(7)(E)



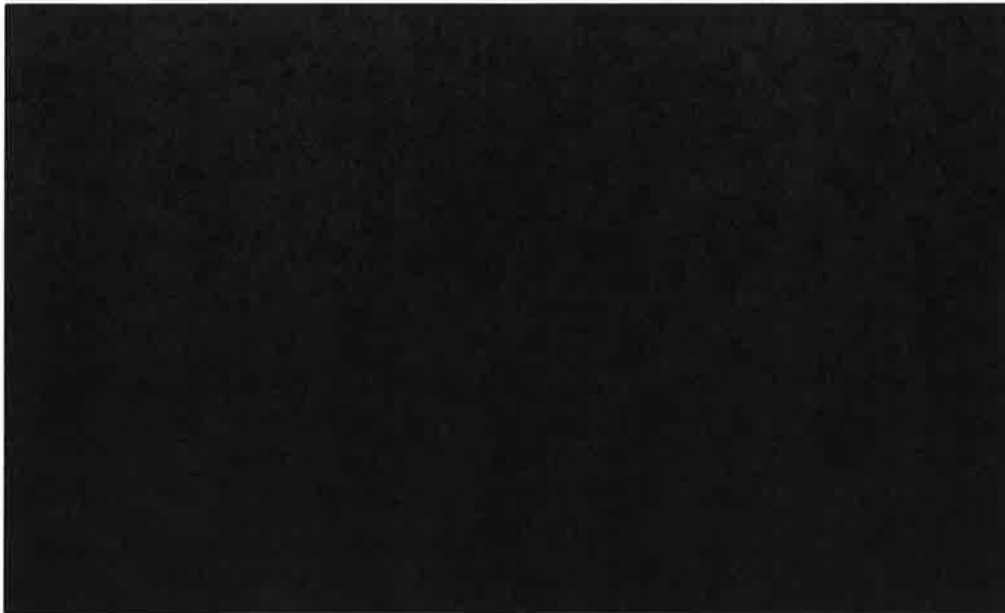
000030



(b)(7) (E)



000031



(b)(7)(E)

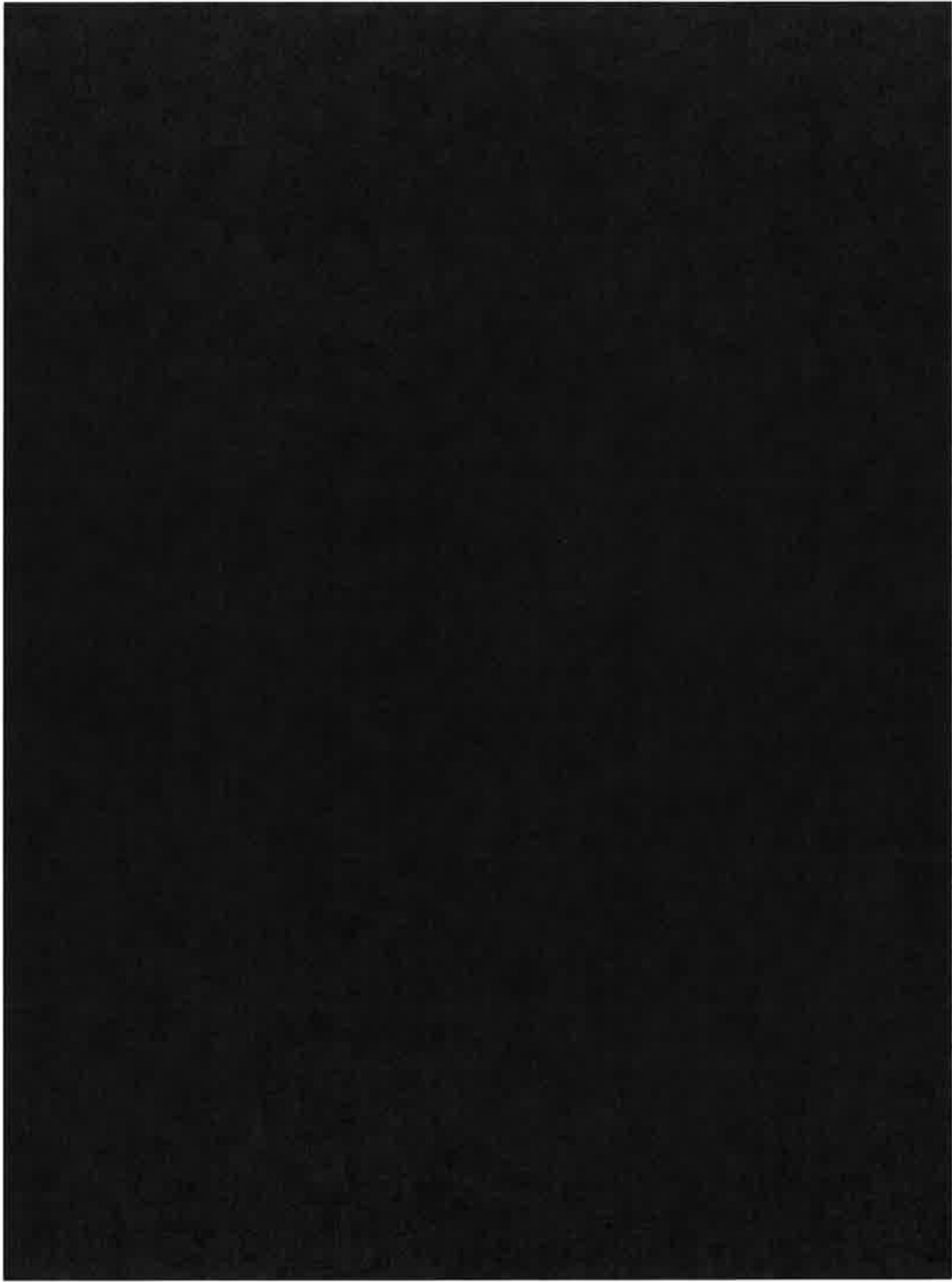


JLENS Program Security Manager
Cruise Missile Defense System
Project Office

(b)(6)

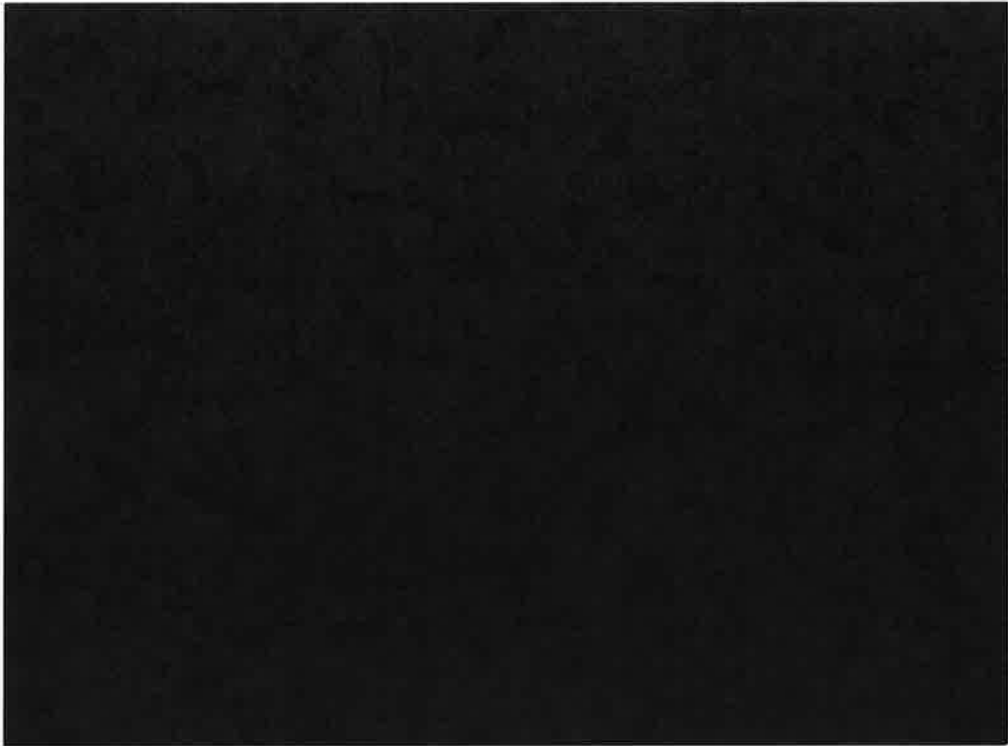


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(b)(7) (E)

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(b)(7) (E)



000034

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE: U
PAGE OF PAGES: 1 | 5

2. AMENDMENT/MODIFICATION NO.: **P20001**
3. EFFECTIVE DATE: 10-Nov-2009
4. REQUISITION/PURCHASE REQ. NO.:
5. PROJECT NO. (if applicable):

6. ISSUED BY: USASWDC/ARSTRAT
SMDC-RDC
PO BOX 1500
HUNTSVILLE AL 35807-3801
CODE: W9113M
7. ADMINISTERED BY (if other than item 6): DCMA RAYTHEON
50 APPLE HILL DRIVE
M/S T2FR2
TEWKSBURY MA 01878
CODE: S2205A

8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code): RAYTHEON COMPANY
350 LOWELL ST
ANDOVER MA 01810-4400
9A. AMENDMENT OF SOLICITATION NO.:
9B. DATED (SEE ITEM 11):
X 10A. MOD. OF CONTRACT/ORDER NO.: W9113M-09-C-0202
10B. DATED (SEE ITEM 13): X 14-Jul-2009

CODE 05716 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer is extended, 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)

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).
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 10 U.S.C. 2304 (c)(1) and FAR 6.302-1
D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 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: [REDACTED] (b)(6)
To Definitize Letter Contract W9113M-09-C-0202. (Reference assumptions made in Raytheon letter JLENS:23414-09-107, dated 10 November 2009, subject: Contract No. W9113M-09-C-0202: Joint Land Attack Cruise Missile Defense Elevated Natted Sensor System (JLENS) [REDACTED] Confirmation of Negotiations. (b)(3)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as hereunto changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print): [REDACTED]
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print): [REDACTED] (b)(6)
15B. [REDACTED]
15C. DATE SIGNED: 10 NOV 2009
16B. [REDACTED]
16C. DATE SIGNED: 10 Nov 09 (b)(6)
(Signature of Contracting Officer)

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION A - SOLICITATION/CONTRACT FORM

The following have been deleted:

A01 LETTER CONTRACT OCT 2001

SECTION B - SUPPLIES OR SERVICES AND PRICES

CLIN 0001

The estimated/max cost [REDACTED] has been added.

The fixed fee [REDACTED] has been added.

The total cost of this line item has increased by \$943,531.00 from UNDEFINED to \$943,531.00.

(b)(4)

The following have been modified:

COMPLETION TYPE COST REIMBURSEMENT CONTRACT:

a. Performance of Contract Line Items 0001 and 0002 shall be accomplished on a completion basis as defined in FAR 16.306(d)(1). Pending satisfactory completion of the task, fee payments are provisional and are not final. Fee payments will not become final unless and until the contractor performs the task required by CLIN 0001 and delivers data required by CLIN 0002 and such are accepted by the Government as being satisfactory. In the event the task cannot be completed by the contractor within the estimated cost of CLIN 0001, the Government may require completion of the task without increase in fee, provided the Government increases the estimated cost of CLIN 0001 under the LIMITATION OF COST or FUNDS contract clause.

b. CLIN 0001 will be considered complete based upon successful performance of the effort described in the Statement of Work attached in Section J hereof; **upon submission of a Certification of Completion by the contractor; and upon acceptance of such certification by the government.**

c. CLIN 0002 will be considered complete based upon a determination that all data and reports have been submitted and accepted, as set forth in Block 8 of each exhibit line item number of the DD Form 1423.

SECTION G - CONTRACT ADMINISTRATION DATA

The following have been modified:

IMPLEMENTATION OF AND EXPLANATION OF THE RELATIONSHIP OF THE LIMITATION OF FUNDS (LOF) CLAUSE TO FEE OBLIGATIONS: The amount of funds estimated to be required for full performance, including fee(s); the amount of funds allotted pursuant to the Contract Clause hereof entitled, Limitations of Funds; the amount of funds currently obligated for fee; and the estimated period of performance covered by the funds allotted are set forth below. Amounts obligated for fee are separate from and are not to be commingled with the amounts allotted for costs and are not available to the contractor to cover costs in excess of those allotted to the contract for cost.

CLINs 0001 and 0002:

- (1) Amount Required for Full Funding,
Including Fee(s):

\$943,531

000036

- | | |
|--|------------|
| (2) Amount Allotted Under the LOF Clause for Payment of Costs: | [REDACTED] |
| (3) Amount Separately Obligated for Payment of Fee: | [REDACTED] |
| (4) Total Amount Allotted and Obligated: | \$504,834 |
| (5) Net Amount Required for Full Funding: | \$438,697 |

(b)(4)

SECTION H - SPECIAL CONTRACT REQUIREMENTS

The following have been modified:

PUBLIC RELEASE OF INFORMATION:

a. In accordance with DFARS 252.204-7000, Disclosure of Information, the contractor shall not release to anyone outside the contractor's organization any unclassified information, regardless of medium (e.g., film, tape, document), pertaining to any part of this contract or any program related to this contract, unless the Contractor has written approval or the information is otherwise in the public domain before the date of release.

b. Requests for approval shall identify the specific information to be released, the medium to be used, and the purpose for the release. The contractor shall submit its request to the Technical Monitor noted in the contract, Section H, at least 45 days before the proposed date for release. All material to be cleared shall be sent by certified mail/return receipt requested to:

U.S. Army Space and Missile Defense Command
ATTN: SFAE-MSLS-CMDS-JLN [REDACTED]
Program Executive Office, Missiles and Space
5250 Martin Road
Redstone Arsenal, AL 35898-8000

(b)(6)

c. The Technical Monitor shall process the request in accordance with SMDC Form 614-R.

d. If there is no response within 30 days, the Contractor shall resubmit the request to:

U.S. Army Space and Missile Defense Command
ATTN: SMDC-PA
P. O. Box 1500
Huntsville, AL 35807-3801

e. The contractor agrees to include a similar requirement in each subcontract under this contract. Subcontractors shall submit requests for authorization to release through the prime contractor.

TECHNICAL COGNIZANCE AND TECHNICAL DIRECTION:

a. The U.S. Army Space and Missile Defense Command is the cognizant Government technical organization for this contract and will provide technical direction as defined herein. Technical direction shall be exercised by the following Project Engineer:

<u>Name</u>	<u>Office symbol</u>	<u>Phone Number</u>
[REDACTED]	SFAE-MSLS-CMDS-JLN	[REDACTED]

(b)(6)

000037

b. Technical direction, as defined in this clause is the process by which the progress of the contractor's technical efforts are reviewed and evaluated and guidance for the continuation of the effort is provided by the Government. It also includes technical discussions and, to the extent required and specified elsewhere in this contract, defining interfaces between contractors; approving test plans; approving preliminary and critical design reviews; participating in meetings; providing technical and management information; and responding to request for research and development planning data on all matters pertaining to this contract. The contractor agrees to accept technical direction only in the form and procedure set forth herein below.

c. Except for routine discussions having no impact on contractor performance, any and all technical direction described in paragraph b. above shall only be authorized and binding on the contractor when issued in writing and signed by a Government official designated in a. above. The Technical Direction shall not effect or result in a change within the meaning of the "CHANGES" clause, or any other change in the Scope of Work, price, schedule, or the level of effort required by the contract. Such changes must be executed by the Contracting Officer as a Modification-Change Order, or as a Modification-Supplemental Agreement, as appropriate. It is emphasized that such changes are outside the authority of the Government officials designated in a. above who are not authorized to issue any directions which authorize the contractor to exceed or perform less than the contract requirements. Notwithstanding any provision to the contrary in any Technical Directive, the estimated cost of this contract, and, if this contract is incrementally funded, the amount of funds allotted, shall not be increased or deemed to be increased by issuance thereof.

KEY PERSONNEL:

a. The key personnel listed in paragraph b. below are considered to be critical to the successful performance of this contract. Prior to replacing these key personnel, the contractor shall obtain written consent of the contracting officer. In order to obtain such consent, the contractor must provide advance notice of the proposed changes and must demonstrate that the qualifications of the proposed substitute personnel are generally equivalent to or better than the qualifications of the personnel being replaced.

b. Key Personnel List:

NAME

POSITION

[REDACTED]

Program Manager

(b)(6)

SECTION I - CONTRACT CLAUSES

The following have been added by reference:

52.204-7 Central Contractor Registration APR 2008

The following have been deleted:

52.215-17 Waiver of Facilities Capital Cost of Money OCT 1997
52.216-24 Limitation Of Government Liability APR 1984
52.216-25 Alt I Contract Definitization (Oct 1997) - Alternate I APR 1984

SECTION J - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

The following have been modified:

PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

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SECTION J - LIST OF ATTACHMENTS

<u>TITLE</u>	<u>DATE</u>	<u># OF PAGES</u>	
Revision 1, Statement of Work entitled "Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) [REDACTED] [REDACTED] [REDACTED] (Added per Modification P00001)	10 Nov 09	4	(b)(3)
Contract Data Requirements List (DD Form 1423), Data Item No. A001 through A003, with Data Item Descriptions	28 May 09	9	
Contract Security Classification Specification (DD Form 254)		11	

(End of Summary of Changes)

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Statement of Work (SOW)
Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS)

[REDACTED]

10 November 2009

(b)(3)

1.0 Scope: The purpose of this SOW is to define the requirements for JLENS support of the [REDACTED] and is planned as a two-phased, continuous effort. The first phase will generate interface documentation and identify the necessary information to develop a budgetary input for the cost of designing and developing an [REDACTED] for the JLENS side of the [REDACTED]. The second phase will continue the [REDACTED] effort and its interfaces with the [REDACTED]. Phase I will transition to Phase II with the award of the [REDACTED] contract (based upon the Milestone B decision) and Phase II will end at the [REDACTED] scheduled 5 months after the [REDACTED].

(b)(3)

(b)(3)

(b)(3)

(b)(3)

2.0 Applicable Documents: Applicable top level documents are contained in Enclosure (2) to the contract, Document Summary List (DSL), by number, title and date. The document versions specified on the DSL take precedence over the generic references (without revision letters) cited in the SOW.

3.0 Requirements:

3.1 Release of any Government Furnished Information (GFI) developed under this task will be approved by the [REDACTED]. The contractor shall not provide any data generated under this task to [REDACTED].

(b)(3)

[REDACTED] This does not preclude the contractor from exchange of information with other contractor programs outside the scope of the task.

(b)(3)

3.2 The contractor shall mark all deliverables with the appropriate data rights legends and shall be handled accordingly. The contractor shall ensure that all data items are prepared, updated, delivered and tracked in accordance with (IAW) contract requirements. According to paragraph (b) (1) (iv) of the Rights in Technical Data-Noncommercial Items Clauses at Department of Defense Federal Acquisition Regulation Supplement (DFARS) 252.227-7013 and DFARS 252.227-7014 form, fit and function technical data is to be delivered with Unlimited Rights. Any and all costing data associated with this tasking shall be for Government use only and shall not be shared with [REDACTED].

(b)(3)

3.3 GFI: The Government will provide the following as GFI:

1. Draft Government developed Interface Control Document (ICD)
2. [REDACTED]
3. [REDACTED]

(b)(3)

000040

4.

(b)(3)

3.4 Phase 1

(b)(3)

3.4.1 Task Set 1 - Develop [REDACTED]: The contractor shall determine if data elements identified in the JLENS to [REDACTED] and applicable [REDACTED] Specification sections are compatible with the JLENS design and support the completion of the JLENS to [REDACTED]

(b)(3)

(b)(3)

- a. Identify any impacts to the JLENS design with respect to the [REDACTED] [REDACTED] (b)(3)
- b. Identify any impacts on JLENS logistics. Elements are specifically listed in AR 700-127.
- c. Identify future data and Government Furnished Equipment (GFE) needs associated with [REDACTED] (b)(3)
- d. Schematically identify where it would be most feasible to obtain the desired JLENS mission data as defined by the ICD.
- e. The contractor shall prepare the following deliverables as a requirements of Task Set 1:

- i. Document the JLENS concept for implementing the applicable [REDACTED] [REDACTED] and changes identified in Task 1. This information shall be provided in a report in accordance with DI-MISC-80508 that identifies and describes necessary changes and additions to the host component baseline designs. (b)(3)
- ii. Provide technical support to a Government Round Order of Magnitude (ROM) cost estimate for interface design, fabrication, integration and test of the JLENS to [REDACTED] (b)(3)
- iii. Provide technical support for the technical interchange and status meetings.
- iv. Document the recommended JLENS [REDACTED] in a report in accordance with DI-MISC-80508. (b)(3)
- v. Document all assumptions in the task execution and cost activities in a report in accordance with DI-MISC-80508.
- vi. Report status and expenditure rate monthly in accordance with DI-FNCL-80331.

3.4.2 In parallel with Specific Task Set 1, the contractor shall execute the following Task Set 2 [REDACTED] to JLENS):

(b)(3)

- a. Perform analysis on potential/real impacts of the [REDACTED] on JLENS. (b)(3)
 - i. Identify [REDACTED] functions that will no longer be used in an [REDACTED] (b)(3)
 - ii. Determine potential operational impacts of [REDACTED] requirements (ex. deployment, top level CONOPS). (b)(3)

000041

- iii. Identify host functions that will be modified but not completely replaced under the [REDACTED] (b)(3)
- iv. Identify new function that will be introduced under the [REDACTED] (b)(3)

b. The contractor shall prepare and deliver the following deliverables:

- i. Derive and evaluate options to mitigate any JLENS changes caused by the proposed [REDACTED] (b)(3)
- ii. Identify all impacts on logistics elements listed in AR 700-127 caused by the proposed [REDACTED] (b)(3)
- iii. Recommend proposed JLENS concept for high level IMP/IMS for development, production and deployment in a report in accordance with DI-MISC-80508.
- iv. Document results and recommendations in a report laying out impacts, options considered, Cost as an Independent Variable (CAIV) opportunities and recommendations on [REDACTED] and specifications for JLENS in a report in accordance with DI-MISC-80508. (b)(3)
- v. Document all assumptions and caveats in the task execution and cost activities that affect the costing data in a report in accordance with DI-MISC-80508.
- vi. Provide the results of Task 2 at the Technical Review in accordance with DI-ADMN-81373.

3.4.3 Phase I Milestones: The contractor shall comply with the following Phase I Milestones:

- a. Within one week of contract award, support a Government kick-off meeting with:
 - i. A plan and schedule of activities/milestones whose execution results in documentation of an Interface Data Package that complies with the Government ICD, applicable [REDACTED] and draft [REDACTED] (b)(3)
 - ii. A list of requirements for GFI. (b)(3)
- b. Within 45 days of contract award, provide an end of task report/briefing from both Task Sets 1 and 2 on the compliant host component implementation.
- c. Within 45 days of contract award, complete JLENS contractor cost inputs for [REDACTED] (developed under Task Sets 1 and 2), delivered in contractor format. (b)(3)
- d. Support JLENS final technical review events.

000042

3.5 Phase 2. [REDACTED]

(b)(3)

3.5.1 The contractor shall begin to work with the JLENS Product Office personnel to determine options for maximizing commonality.

- a. Specific [REDACTED] development with focus on design and implementation of the [REDACTED] (b)(3)
- b. Perform trade studies and analysis of [REDACTED] impacts to JLENS. (b)(3)
- c. Support [REDACTED] Reviews and Preparations. (b)(3)
- d. Identify required [REDACTED] software, and testing needed to support the [REDACTED] program. (b)(3)
- e. Identify required documentation needed to support [REDACTED] with [REDACTED] (b)(3)
- f. Determine cost, schedule, and level of effort required for implementation (integration into JLENS systems).
- g. Deliverables:
 - i. Inputs to the [REDACTED] in a report in accordance with DI-MISC-80508. (b)(3)
 - ii. Review and provide first-order assessment of JLENS integration and test impacts to the [REDACTED] in a report in accordance with DI-MISC-80508. (b)(3)
 - iii. Cost and Schedule Estimate for JLENS and its [REDACTED] and testing with [REDACTED] required through [REDACTED] program in a report in accordance with DI-MISC-80508. (b)(3)
 - iv. Required GFE and Delivery Schedule in a report in accordance with DI-MISC-80508. (b)(3)

3.5.2 The contractor shall, at the [REDACTED] provide an [REDACTED]

(b)(3)

000043

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE U	PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. F00001		3. EFFECTIVE DATE 04-Feb-2010	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO (If applicable)	
6. ISSUED BY USAS/MDC/ARSTRAT SMDC-RDC PO BOX 1500 HUNTSVILLE AL 35807-3801		CODE W9113M	7. ADMINISTERED BY (If other than item 6) DCMA RAYTHEON 50 APPLE HILL DRIVE M/S T2FR2 TEWKSBURY MA 01876		CODE S2205A	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) RAYTHEON COMPANY 350 LOWELL ST ANDOVER MA 01810-4400				9A. AMENDMENT OF SOLICITATION NO.		
				9B. DATED (SEE ITEM 11)		
				X 10A. MOD. OF CONTRACT/ORDER NO. W9113M-09-C-0202		
				X 10B. DATED (SEE ITEM 13) 14-Jul-2009		
CODE 05716		FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS						
<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) See Schedule						
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) UNILATERAL: FAR 52.232-22, "Limitation of Funds"						
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: [REDACTED] To provide incremental funding in the amount of \$438,697 to fully fund CLINs 0001 and 0002. (b)(6)(c)						
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)				15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
[REDACTED]				[REDACTED] (b)(6) (b)(7)(c)		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16A. UNITED STATES OF AMERICA		16C. DATE SIGNED	
[REDACTED]		[REDACTED]	BY [REDACTED]		04-Feb-2010	
(Signature of person authorized to sign)				(Signature of Contracting Officer)		

EXCEPTION TO SF 30
APPROVED BY [REDACTED]

30-105-04

STANDARD FORM 30 (Rev. 10-83)

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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	Funding for CLIN 0001 CPFF FOB: Destination				
	ACRN AB CIN: 00000000000000000000000000000000				\$438,697.00

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 \$438,697.00 from \$504,834.00 to \$943,531.00.

SUBCLIN 000101:
Funding on SUBCLIN 000101 is initiated as follows:

ACRN: AB

CIN: 00000000000000000000000000000000

Acctng Data: 21 0 2040 0000 5L 5L57 643327S345L 255Y S01021 04NS34/4N0AM0124N/4N0000

Increase: \$438,697.00

Total: \$438,697.00

The following have been modified:

IMPLEMENTATION OF AND EXPLANATION OF THE RELATIONSHIP OF THE LIMITATION OF FUNDS (LOF) CLAUSE TO FEE OBLIGATIONS: The amount of funds estimated to be required for full performance, including fee(s); the amount of funds allotted pursuant to the Contract Clause hereof entitled, Limitations of Funds; the amount of funds currently obligated for fee; and the estimated period of performance covered by the funds allotted are set forth below. Amounts obligated for fee are separate from and are not to be commingled with the amounts allotted for costs and are not available to the contractor to cover costs in excess of those allotted to the contract for cost.

000045

CLINs 0001 and 0002:

(1) Amount Required for Full Funding, Including Fee(s):	\$943,531
(2) Amount Allotted Under the LOF Clause for Payment of Costs:	[REDACTED] (b)(4)
(3) Amount Separately Obligated for Payment of Fee:	[REDACTED]
(4) Total Amount Allotted and Obligated:	\$943,531
(5) Net Amount Required for Full Funding:	\$ 0

(End of Summary of Changes)

000046

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				CONTRACT OR ORDER NUMBER	PAGE OF PAGES
1. AMENDMENT/MODIFICATION NO. P00002		2. EFFECTIVE DATE 18 JUN 10		3. CONTRACT OR ORDER NO.	
4. ISSUED BY USARMYCENTS TRAV SAVING RECORD PO BOX 158 BRINTSVILLE AL 36007 3501		5. CODE W9113M		6. ADMINISTERED BY (If other than item 6) DGM RAYMOND 30 APPLEHILL DR VE MUSKIEFRZ LEWISBURY MA 01875	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and Zip Code) RAYTECH COMPANY 350 LOWELL ST ANDOVER MA 01810-4400				9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
				X 10A. MOD. OF CONTRACT/ORDER NO W9113M-09-C-0202	
				X 10B. DATED (SEE ITEM 11) 14-Jul-2009	
CODE 05716		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers: <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) See Schedule					
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).					
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 52.232-22, "Limitation of Funds" and Mutual Agreement					
D. OTHER (Specify type of modification and authority)					
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: [REDACTED] To revise the Statement of Work and to decrease funding and contract value in the amount of \$469,578 for effort no longer required. (b)(6)					
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) [REDACTED]			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) [REDACTED]		
15C. DATE SIGNED 18 JUN 2010			16C. UNITED STATES OF AMERICA [REDACTED] (Signature of Contracting Officer)		
15D. DATE SIGNED 18 JUN 10			16D. DATE SIGNED 18 JUN 10		

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

39-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

000047

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION A - SOLICITATION/CONTRACT FORM

The total cost of this contract was decreased by \$469,576.00 from \$943,531.00 to \$473,955.00.

SECTION B - SUPPLIES OR SERVICES AND PRICES

CLIN 0001

The estimated/max cost has decreased by [REDACTED] from [REDACTED]
The fixed fee has decreased by [REDACTED] from [REDACTED]
The total cost of this line item has decreased by \$469,576.00 from \$943,531.00 to \$473,955.00.

(b)(4)

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 decreased by \$469,576.00 from \$943,531.00 to \$473,955.00.

CLIN 0001:

AA: 21 9 2040 0000 5L 5L57 643327S345L 255Y S01021 94NS34/4N91AM354N/4N0000 (CIN 00000000000000000000000000000000) was decreased by \$30,879.00 from \$504,834.00 to \$473,955.00

SUBCLIN 000101:

AB: 21 0 2040 0000 5L 5L57 643327S345L 255Y S01021 04NS34/4N0AM0124N/4N0000 (CIN 00000000000000000000000000000000) was decreased by \$438,697.00 from \$438,697.00 to \$0.00

The following have been modified:

IMPLEMENTATION OF AND EXPLANATION OF THE RELATIONSHIP OF THE LIMITATION OF FUNDS (LOF) CLAUSE TO FEE OBLIGATIONS: The amount of funds estimated to be required for full performance, including fee(s); the amount of funds allotted pursuant to the Contract Clause hereof entitled, Limitations of Funds; the amount of funds currently obligated for fee; and the estimated period of performance covered by the funds allotted are set forth below. Amounts obligated for fee are separate from and are not to be commingled with the amounts allotted for costs and are not available to the contractor to cover costs in excess of those allotted to the contract for cost.

CLINs 0001 and 0002:

- (1) Amount Required for Full Funding, Including Fee(s): \$473,955
- (2) Amount Allotted Under the LOF Clause for Payment of Costs: [REDACTED] (b)(4)

000048

(3) Amount Separately Obligated for Payment of Fee:	██████████	(b)(4)
(4) Total Amount Allotted and Obligated:	\$473,955	
(5) Net Amount Required for Full Funding:	\$ 0	

SECTION J - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

The following have been modified:

PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J - LIST OF ATTACHMENTS

<u>TITLE</u>	<u>DATE</u>	<u># OF PAGES</u>	
Revision 1, Statement of Work entitled "Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) ██████████ (Added per Modificatin P00001)	10 Nov 09	4	(b)(3)
Revision 2, Statement of Work entitled "Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) ██████████ (Added per Modificatin P00002)	16 Jun 10	4	(b)(3)
Contract Data Requirements List (DD Form 1423), Data Item No. A001 through A003, with Data Item Descriptions	28 May 09	9	
Contract Security Classification Specification (DD Form 254)		11	

(End of Summary of Changes)

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Revision 2, Statement of Work (SOW)
Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS)

[REDACTED]
16 June 2010

(b)(3)

1.0 Scope: The purpose of this SOW is to define the requirements for JLENS support of the [REDACTED] Mission and is planned as a two-phased, continuous effort. The first phase will generate interface documentation and identify the necessary information to develop a budgetary input for the cost of designing and developing an [REDACTED] for the JLENS side of the [REDACTED]. The second phase will continue the [REDACTED] design effort and its interfaces with the [REDACTED]. Phase I will transition to Phase II with the award of the [REDACTED] contract (based upon the Milestone B decision) and Phase II will end at the [REDACTED] Review scheduled 5 months after the [REDACTED].

(b)(3)

(b)(3)

(b)(3)

(b)(3)

2.0 Applicable Documents: Applicable top level documents are contained in Enclosure (2) to the contract, Document Summary List (DSL), by number, title and date. The document versions specified on the DSL take precedence over the generic references (without revision letters) cited in the SOW.

3.0 Requirements:

3.1 Release of any Government Furnished Information (GFI) developed under this task will be approved by the [REDACTED]. The contractor shall not provide any data generated under this task to [REDACTED].

(b)(3)

[REDACTED] This does not preclude the contractor from exchange of information with other contractor programs outside the scope of the task.

3.2 The contractor shall mark all deliverables with the appropriate data rights legends and shall be handled accordingly. The contractor shall ensure that all data items are prepared, updated, delivered and tracked In Accordance With (IAW) contract requirements. According to paragraph (b) (1) (iv) of the Rights in Technical Data-Noncommercial Items Clauses at Department of Defense Federal Acquisition Regulation Supplement (DFARS) 252.227-7013 and DFARS 252.227-7014 form, fit and function technical data is to be delivered with Unlimited Rights. Any and all costing data associated with this tasking shall be for Government use only and shall not be shared with [REDACTED].

(b)(3)

3.3 GFI: The Government will provide the following as GFI:

1. Draft Government developed Interface Control Document (ICD)
2. [REDACTED]
3. [REDACTED]
4. [REDACTED]

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3.4 Phase 1

(b)(3)

3.4.1 Task Set 1 - Develop [REDACTED] The contractor shall determine if data elements identified in the JLENS to [REDACTED] sections are compatible with the JLENS design and support the completion of the JLENS to [REDACTED]

(b)(3)

- a. Identify any impacts to the JLENS design with respect to the [REDACTED]
- b. Identify any impacts on JLENS logistics. Elements are specifically listed in AR 700-127.
- c. Identify future data and Government Furnished Equipment (GFE) needs associated with [REDACTED]
- d. Schematically identify where it would be most feasible to obtain the desired JLENS mission data as defined by the ICD.
- e. The contractor shall prepare the following deliverables as a requirements of Task Set 1:

(b)(3)

(b)(3)

- i. Document the JLENS concept for implementing the applicable [REDACTED] ICD and changes identified in Task 1. This information shall be provided in a report in accordance with DI-MISC-80508 that identifies and describes necessary changes and additions to the host component baseline designs.
- ii. Provide technical support to a Government Round Order of Magnitude (ROM) cost estimate for interface design, fabrication, integration and test of the JLENS to [REDACTED]
- iii. Provide technical support for the technical interchange and status meetings.
- iv. Document the recommended [REDACTED] in a report in accordance with DI-MISC-80508.
- v. Document all assumptions in the task execution and cost activities in a report in accordance with DI-MISC-80508.
- vi. Report status and expenditure rate monthly in accordance with DI-FNCL-80331.

(b)(3)

(b)(3)

(b)(3)

3.4.2 In parallel with Specific Task Set 1, the contractor shall execute the following Task Set 2 [REDACTED] Impact to JLENS):

- a. Perform analysis on potential/real impacts of the [REDACTED] on JLENS.
 - i. Identify [REDACTED] system functions that will no longer be used in an [REDACTED]
 - ii. Determine potential operational impacts of [REDACTED] requirements (ex. deployment, top level CONOPS).

(b)(3)

(b)(3)

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- iii. Identify host functions that will be modified but not completely replaced under the [REDACTED] (b)(3)
 - iv. Identify new function that will be introduced under the [REDACTED] (b)(3)
- b. The contractor shall prepare and deliver the following deliverables:
- i. Derive and evaluate options to mitigate any JLENS changes caused by the proposed [REDACTED] (b)(3)
 - ii. Identify all impacts on logistics elements listed in AR 700-127 caused by the proposed [REDACTED] (b)(3)
 - iii. Recommend proposed JLENS concept for high level IMP/IMS for development, production and deployment in a report in accordance with DI-MISC-80508.
 - iv. Document results and recommendations in a report laying out impacts, options considered, Cost as an Independent Variable (CAIV) opportunities and recommendations on [REDACTED] and specifications for JLENS in a report in accordance with DI-MISC-80508. (b)(3)
 - v. Document all assumptions and caveats in the task execution and cost activities that affect the costing data in a report in accordance with DI-MISC-80508.
 - vi. Provide the results of Task 2 at the Technical Review in accordance with DI-ADMN-81373.

3.4.3 Phase I Milestones: The contractor shall comply with the following Phase I Milestones:

- a. Within one week of contract award, support a Government kick-off meeting with:
 - i. A plan and schedule of activities/milestones whose execution results in documentation of an Interface Data Package that complies with the Government ICD, applicable [REDACTED] (b)(3)
[REDACTED] and draft [REDACTED] (b)(3)
 - ii. A list of requirements for GFI.
- b. Within 45 days of contract award, provide an end of task report/briefing from both Task Sets 1 and 2 on the compliant host component implementation.
- c. Within 45 days of contract award, complete JLENS contractor cost inputs for [REDACTED] (developed under Task Sets 1 and 2), delivered in contractor format. (b)(3)
- d. Support JLENS final technical review events.

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3.5 Phase 2. [REDACTED]

(b)(3)

3.5.1 The contractor shall begin to work with the JLENS Product Office personnel to determine options for maximizing commonality.

(b)(3)

- a. Initiate [REDACTED] development with focus on design and implementation of the [REDACTED]
- b. Initiate trade studies and analysis of [REDACTED] and [REDACTED] to JLENS.
- c. Support [REDACTED] and Preparations.
- d. Initiate efforts to identify required [REDACTED] software, and testing needed to support the [REDACTED]
- e. Initiate efforts to identify required documentation needed to support [REDACTED]

(b)(3)

(b)(3)

(b)(3)

(b)(3)

(b)(3)

(b)(3)

000053

AWARD/CONTRACT		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		RATING	PAGE OF PAGES 1 28
2. CONTRACT (Proc. Inv. Ident.) NO. WB9113M-12-C-0005		3. EFFECTIVE DATE 09 NOV 11		4. REQUISITION/PURCHASE REQUEST/PROJECT NO.	
5. ISSUED BY USASMD/ARSTRAT SMDG-RDC PO BOX 1500 HUNTSVILLE AL 35807-3801		CODE WB113M	6. ADMINISTERED BY (If other than Item 5) DCMA RAYTHEON 50 APPLE HILL DRIVE M/S T2FR2 TEWKSBURY MA 01876		CODE S2206A

7. NAME AND ADDRESS OF CONTRACTOR (Name, street, city, county, state and zip code) RAYTHEON COMPANY 390 LOWELL ST ANDOVER MA 01810-4400		8. DELIVERY <input type="checkbox"/> FOB ORIGIN <input checked="" type="checkbox"/> OTHER (See below)	
		9. DISCOUNT FOR PROMPT PAYMENT	
		10. SUBMIT INVOICES (4 copies unless otherwise specified) TO THE ADDRESS SHOWN IN: ITEM	

CODE 06716	FACILITY CODE	12. PAYMENT WILL BE MADE BY OFAS-COLUMBUS CENTER NORTH ENTITLEMENT OPERATIONS PO BOX 182285 COLUMBUS OH 43218-2285	
11. SHIP TO/MARK FOR LEADS PROJECT OFFICE EDGESSON SPARRAN CENTER REDSTONE ARSENAL AL 35898-5000		CODE WB113M	CODE HQ0337

13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION: <input type="checkbox"/> 10 U.S.C. 2304(c) <input type="checkbox"/> 41 U.S.C. 253(c) <input type="checkbox"/>	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 **\$9,485,200.00**

(X) SEC.	DESCRIPTION	PAGE(S)	(X) SEC.	DESCRIPTION	PAGE(S)
PART I - THE SCHEDULE			PART II - CONTRACT CLAUSES		
X A	SOLICITATION/ CONTRACT FORM	1 - 2	X I	CONTRACT CLAUSES	15 - 27
X B	SUPPLIES OR SERVICES AND PRICES/ COSTS	3 - 4	PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS		
C	DESCRIPTION/ SPECS/ WORK STATEMENT		X J	LIST OF ATTACHMENTS	28
D	PACKAGING AND MARKING		PART IV - REPRESENTATIONS AND INSTRUCTIONS		
X E	INSPECTION AND ACCEPTANCE	5	K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS	
X F	DELIVERIES OR PERFORMANCE	6	L	INSTRS, CONDS, AND NOTICES TO OFFERORS	
X G	CONTRACT ADMINISTRATION DATA	7 - 10	M	EVALUATION FACTORS FOR AN AWARD	
X H	SPECIAL CONTRACT REQUIREMENTS	11 - 14			

CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE

17. <input type="checkbox"/> CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return 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 solicitation, if any, and (c) such provisions, representations, certifications, and specifications as are attached or incorporated by reference herein. (Attachments 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 full above, is hereby accepted as to the items listed above and on any continuation 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 document is necessary.
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19A. NAME AND TITLE OF SIGNER (Type or print)		20A. NAME OF CONTRACTING OFFICER	
[REDACTED]		[REDACTED]	
19B. NAME OF CONTRACTOR		20B. UNITED STATES OF AMERICA	20C. DATE SIGNED
[REDACTED]		[REDACTED]	9 NOV 11
19C. DATE SIGNED		BY (Signature of Contracting Officer)	
11/4/2011		[REDACTED]	

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(b)(6)

(b)(6)

Section A - Solicitation/Contract Form

CLAUSES INCORPORATED BY FULL TEXT

LETTER CONTRACT

- a. This document constitutes a contract on the terms and conditions set forth herein and signifies the intention of the U.S. Army Space and Missile Defense Command/Army Forces Strategic Command (USASMDC/ARSTRAT) to execute a formal cost-plus-fixed-fee type contract for the performance of the effort as set forth herein.
- b. In accordance with Federal Acquisition Regulation (FAR) Clause 52.216-23 entitled "Execution and Commencement of Work," you are directed to proceed immediately to commence performance of the work, and to pursue such work with all diligence to the end that the effort may be performed within the time specified in Section F hereof. You are reminded that, pending definitization, the maximum liability of the Government is as stated in FAR Clause 52.216-24, "Limitation of Government Liability," incorporated in full text in Section I herein.
- c. In accordance with Defense FAR Supplement (DFARS) 252.217-7027 entitled "Contract Definitization," you shall submit a cost-plus-fixed-fee proposal for the effort covered by this document within forty-five (45) days from the effective date of this letter contract. Your proposal should be supported by a cost breakdown reflecting the factors outlined in FAR 15.408, Table 15-2, "Instructions for Submitting Cost/Price Proposals when Cost or Pricing Data are Required," and such other information as may be specified herein. A Certificate of Current Cost or Pricing Data shall be submitted upon agreement on contract price.
- d. The definitive contract resulting from this undefinitized action shall not exceed \$9,495,200, inclusive of cost and fee. Based on the spend plan provided by the contractor, funds currently obligated to the contract equate to \$1,643,400 which is seventeen percent (17%) of the CLIN 0001 NTE value. If necessary, the obligated amount may be increased to \$4,652,648, which is forty-nine percent (49%) of the CLIN 0001 NTE, prior to receipt of a proposal and to \$7,121,400 which is seventy-five percent (75%) of the CLIN 0001 NTE value, once a qualifying proposal is received.
- e. Please indicate your acceptance of the foregoing by signing the attached Standard Form 26 and returning it with all supporting documentation to the issuing office.
- f. This contract is entered into pursuant to 10 U.S.C. 2304(c)(1) and any required justification and approval has been executed.

000002

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	JLENS Risk Reduction Program (RRP) Study CPFF FOB: Destination				
				ESTIMATED COST	TBD
				FIXED FEE	TBD
				TOTAL EST COST + FEE	<u>\$9,495,200.00</u>

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000101	Funding for CLIN 0001 CPFF FOB: Destination				
				ESTIMATED COST	TBD
				FIXED FEE	TBD
				TOTAL EST COST + FEE	<u>\$1,643,400.00</u>
	ACRN AA CIN: 00000000000000000000000000000000				\$1,643,400.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	Contract Data Requirements List A001 through A018 FOB: Destination				NSP

000003

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT NSP
0003	Manpower Reporting				
	Manpower reporting as specified in Section H clause entitled, "Manpower Reporting"				
	FOB: Destination				

CLAUSES INCORPORATED BY FULL TEXT

LEVEL OF EFFORT:

a. In the performance of CLINs 0001/0002 of this contract, the contractor shall provide direct productive person hours (DPPH) level of effort, as set forth below, within the time period as set forth in Section F-1 hereof:

<u>LABOR CATEGORY</u>	<u>DIRECT PRODUCTIVE PERSON HOURS LEVEL OF EFFORT</u>
Engineering and Support, CLINs 0001/0002	TBD

b. DPPH are defined as prime contractor, consultant, and subcontractor actual direct labor hours exclusive of vacation, holiday, sick leave, and other absences.

c. In accordance with FAR 16.306(d)(2), entitlement to the total fixed fee is subject to the certification by the contractor to the Administrative Contracting Officer that he has exerted the DPPH level of effort as specified in B-3.a. above in performing the work called for, has provided the reports called for, and the effort performed and reports provided are considered satisfactory by the Government.

000004

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
0003	Destination	Government	Destination	Government

CLAUSES INCORPORATED BY FULL TEXT

INSPECTION AND ACCEPTANCE

The contractor shall forward, from Wide Area Work Flow (WAWF), an e-mail to the Contracting Officer Representative/Contracting Officer Technical Representative (COR/COTR) each invoice/voucher submitted for inspection/acceptance. Contact information for the COR/COTR is as follows:

Name: [REDACTED]
 E-mail Address: [REDACTED]
 Telephone Number: [REDACTED]

(b)(6)

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Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	POP 09-NOV-2011 TO 08-NOV-2012	N/A	JLENS PROJECT OFFICE [REDACTED] BLDG 5308 SPARKMAN CENTER REDSTONE ARSENAL AL 35898-5000 [REDACTED] FOB: Destination	W91EUN (b)(6)
000101	N/A	N/A	N/A	N/A
0002	POP 09-NOV-2011 TO 08-NOV-2012	N/A	JLENS PROJECT OFFICE [REDACTED] BLDG 5308 SPARKMAN CENTER REDSTONE ARSENAL AL 35898-5000 [REDACTED] FOB: Destination	W91EUN (b)(6)
0003	POP 09-NOV-2011 TO 08-NOV-2012	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	W91EUN

CLAUSES INCORPORATED BY REFERENCE

52.242-15 Alt I Stop-Work Order (Aug 1989) - Alternate 1 APR 1984

CLAUSES INCORPORATED BY FULL TEXT

The contractor shall provide all level of effort, material/equipment, data/software, and reports required by CLINs 0001/0002 within twelve (12) months after the effective date of the contract.

000006

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 21 2 2040 5L 5L68 P172419E555L 255Y 4M2J710200 S01021 4M2J710200/24MJLE/4M5
AMOUNT: \$1,643,400.00
CIN 000000000000000000000000000000: \$1,643,400.00

CLAUSES INCORPORATED BY FULL TEXT

INVOICING INSTRUCTIONS

a. The contractor shall submit payment request electronically in accordance with DFARS 252.232-7003 utilizing Wide Area Work Flow (WAWF). The WAWF application allows DOD vendors to submit and track invoices and receipt/acceptance documents electronically. The contractor shall register with WAWF at <https://wawf.eb.mil> and ensure an electronic business point of contract (POC) is designated in the Central Contractor Registration site at <http://www.ccr.gov> within ten (10) days after award of this contract. Payments made under this contract shall be via Electronic Funds Transfer (EFT) and shall be based on the EFT information contained in the Central Contractor Registration (CCR) database. The contractor shall ensure that its EFT information in the CCR database remains current and correct.

b. Multiple pricing structures may be utilized for this contract or, if a task ordering contract, for individual task orders issued thereunder. In order to ensure the successful flow of WAWF documents, the type of payment request submitted shall be based on the following as applicable:

Invoice and Receiving Report (COMBO): applicable to Firm-Fixed-Price (FFP) contracts/task orders that include the delivery of supplies/hardware.

Invoice as 2-in-1: applicable to Labor Hour and FFP contracts/task orders for services only.

Cost Voucher: applicable to Time and Material (T&M) and Cost-Reimbursement type contracts/task orders.

Construction Invoice: applicable to contracts/task orders for construction.

c. WAWF requires the following data for each payment request: *(To be provided by the Government. If a task ordering contract, each awarded task order shall identify this information)*

Contract/Task Order Data

Contractor CAGE Code: 05716
Issue by DODAAC: W9113M
Admin by DODAAC: S2205A
Inspect by DODAAC: W91EUN
Accept by DODAAC: W91EUN
Ship to DODAAC: W91EUN
Payment by DODAAC: HQ0337

000007

Email Points of Contact Listing

Inspector: [REDACTED]
 Acceptor: [REDACTED]
 Contracting Specialist: [REDACTED]
 Contracting Officer: [REDACTED]
 Contracting Officer's Technical Representative: [REDACTED]

(b)(6)

d. Questions concerning payments shall be directed to the Defense Finance and Accounting Service (DFAS). The appropriate DFAS office is identified in the "PAYMENT WILL BE MADE BY" block on the contract award coversheet. Please have your contract and, if applicable, task order number ready when calling about payments. Payment and receipt information may be accessed using the DFAS web site MyInvoice. MyInvoice is a web-based application developed specifically for contractors/vendors and Government/ Military employees to obtain invoice status. It is an interactive web-based system, accessible 24/7. Users must allow pop-up messages within this system. Your contract and, if applicable, task order number or invoice number will be required to inquire about the status of your payment. For additional information, see the MyInvoice website at <https://myinvoice.csd.disa.mil/> or visit <http://www.dfas.mil/contractorpay/electroniccommerce/myinvoice.html>.

e. The contractor may submit requests for payment through WAWF not more often than once every 2 weeks

f. For Labor Hour and T&M contracts/task orders, payment requests for labor shall be based on the total labor hours/DPPH expended thereunder for the applicable billing period. These labor charges shall be derived by applying the total hours expended for each labor category multiplied by the applicable fixed-labor rates specified in the contract/task order. Labor charges for cost-reimbursement contracts/task orders shall be based on the total hours expended for each labor category multiplied by actual direct labor rates plus applicable indirect burdens and fee. Travel and ODC/material under T&M and Cost-Reimbursement type contracts/task orders shall be billed at actual costs. For each payment request, the contractor shall attach/upload into WAWF sufficient documentation as to how the billed amounts were derived/calculated.

g. For Firm-Fixed-Price contracts/task orders, payments on the total contract price (excluding any unexercised options) may be requested in equal monthly (or bi-weekly if a small business) amounts calculated over the life of the contract/task order unless alternative payment schedules (e.g., performance-based payments) are specified elsewhere in the contract, or if applicable, in individual task orders.

h. For each payment request, the contractor shall maintain sufficient documentation to substantiate the submitted charges. Such documentation shall include evidence of actual expenditures/payment such as individual daily job timecards, subcontractor/vendor invoices and payment receipts, or other substantiation specified by the Contracting Officer. Such data shall be maintained and readily available for audit purposes, but shall not be included with the WAWF submission. The contractor shall provide such documentation within 7 days of request by the Procuring Contracting Officer, Administrative Contracting Officer, or DCAA auditor.

i. The contractor shall ensure that each payment request submitted in WAWF denotes that the Contracting Officer and Contract Specialist will receive a copy of the payment request notice.

j. Except for FFP contracts/task orders, the contractor and each assignee under an assignment entered into under this contract or, if applicable, an individual task order and in effect at the time of final payment on this contract or, if applicable, an individual task order issued under this contract, shall execute and deliver, at the time of and as a condition precedent to, any final payment thereunder, a release discharging the Government, its officers, agents, and employees, of and from all liabilities, obligations, and claims arising out of, or under, the specific contract/task order. These closing documents shall be submitted with the final payment request.

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k. The contractor shall submit final payment requests for Labor Hour and FFP contracts/task orders within 120 days (or longer if approved in writing by the Contracting Officer) after contract/order completion. For T&M or Cost-Reimbursement type contracts/task orders, the contractor shall prepare a final payment request within 120 days (or longer if approved in writing by the Contracting Officer) after settlement of the final annual indirect cost rates to reflect the settled amounts and rates for the performance period covered. The cognizant DCAA shall perform a final audit on the contractor's final payment request to determine allowable costs. The Administrative Contracting Officer may utilize the cumulative allowable worksheets included with the DCAA incurred cost audit reports in lieu of requesting DCAA to perform the final closeout audit to determine the final costs on the cost reimbursable portions of the contract/task order.

IDENTIFICATION OF CORRESPONDENCE: All correspondence and data submitted by the contractor under this contract shall reference the contract number.

CONTRACTING ACTIVITY REPRESENTATIVES:

	Contractual Matters	Technical Matters
NAME:	[REDACTED]	[REDACTED]
ORGANIZATION CODE:	SMDC-RDC-BB	SFAE-MSLS-CMDS-JLN
TELEPHONE NUMBERS: COMMERCIAL:	[REDACTED]	[REDACTED]
DEFENSE SWITCHED NETWORK (DSN):	[REDACTED]	[REDACTED]
EMAIL:	[REDACTED]	[REDACTED]

(b)(6)

IMPLEMENTATION OF AND EXPLANATION OF THE RELATIONSHIP OF THE LIMITATION OF FUNDS (LOF) CLAUSE TO FEE OBLIGATIONS: The amount of funds estimated to be required for full performance, including fee(s); the amount of funds allotted pursuant to the Contract Clause hereof entitled, Limitations of Funds; the amount of funds currently obligated for fee; and the estimated period of performance covered by the funds allotted are set forth below. Amounts obligated for fee are separate from and are not to be commingled with the amounts allotted for costs and are not available to the contractor to cover costs in excess of those allotted to the contract for cost.

CLINs 0001/0002:

- | | |
|--|-------------|
| (1) Amount Required for Full Funding, Including Fee(s): | TBD |
| (2) Amount Allotted Under the LOF Clause for Payment of Costs: | TBD |
| (3) Amount Separately Obligated for Payment of Fee: | TBD |
| (4) Total Amount Allotted and Obligated: | \$1,643,400 |

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(5) Net Amount Required for Full Funding:

TBD

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Section H - Special Contract Requirements

CLAUSES INCORPORATED BY FULL TEXT

PUBLIC RELEASE OF INFORMATION:

a. In accordance with DFARS 252.204-7000, Disclosure of Information, The Contractor shall not release to anyone outside the Contractor's organization any unclassified information, regardless of medium (e.g., film, tape, document), pertaining to any part of this contract or any program related to this contract, unless the Contractor has written approval or the information is otherwise in the public domain before the date of release.

b. Requests for approval shall identify the specific information to be released, the medium to be used, and the purpose for the release. The Contractor shall submit its request to the Contracting Officer Technical Representative (COTR) noted in the contract, Section H, at least 45 days before the proposed date for release. All material to be cleared shall be sent by certified mail/return receipt requested to:

Department of the Army, Program Executive Office, Missiles and Space
ATTN: JLENS Product Office [REDACTED]
Building 5308, Sparkman Center
Redstone Arsenal, AL 35898-5000

(b)(6)

c. The COTR shall process the request in accordance with SMDC form 614-R.

d. If there is no response within 30 days, the Contractor shall resubmit the request to:

U.S. Army Space and Missile Defense Command/Army Forces Strategic Command
ATTN: SMDC-PA
P. O. Box 1500
Huntsville, AL 35807-3801

e. The Contractor agrees to include a similar requirement in each subcontract under this contract. Subcontractors shall submit requests for authorization to release through the prime contractor.

DISTRIBUTION CONTROL OF TECHNICAL INFORMATION:

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

(1) **Technical Document.** Any recorded information that conveys scientific and technical information or technical data.

(2) **Scientific and Technical Information.** Communicable knowledge or information resulting from or pertaining to conducting and managing a scientific or engineering research effort.

(3) **Technical Data.** Recorded information related to experimental, developmental, or engineering works that can be used to define an engineering or manufacturing process or to design, procure, produce, support, maintain, operate, repair, or overhaul material. The data may be graphic or pictorial delineations in media such as drawings or photographs, text in specifications or related performance or design type documents, or computer printouts. Examples of technical data include research and engineering data, engineering drawings, and associated lists, specifications, standards, process sheets, manuals, technical reports, catalog-item identifications, and related information and computer software documentation.

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b. Except as may otherwise be set forth in the Contract Data Requirements List (CDRL), DD Form 1423, (i) the distribution of any technical document prepared under this contract, in any stage of development or completion, is prohibited without the approval of the Contracting Officer and (ii) all technical documents prepared under this contract shall initially be marked with the following distribution statement, warning, and destruction notice:

(1) DISTRIBUTION STATEMENT F - Further dissemination only as directed by SMDC-IO-P or higher DOD authority.

(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, as amended, Title 50, U.S.C., app 2401 et seq. Violation 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 (NISPOM), Chapter 5, Section 7, or DOD 5200.1-R, Information Security Program Regulation, Chapter IX. For unclassified, limited documents, destroy by any method that will prevent disclosure of contents or reconstruction of the document.

c. As a part of the review of preliminary or working draft technical documents, the Government will determine if a distribution statement less restrictive than the statement specified above would provide adequate protection. If so, the Government's approval/comments will provide specific instructions on the distribution statement to be marked on the final technical documents before primary distribution.

d. Peer-reviewed publications and student theses generated as a result of work performed under this contract requires a 90-day publication delay period. Peer-reviewed publications and student theses must be submitted to the Government technical representative for review and comment at least 90 days prior to the date of any proposed presentation.

TECHNICAL COGNIZANCE AND TECHNICAL DIRECTION:

a. The U.S. Army Space and Missile Defense Command is the cognizant Government technical organization for this contract and will provide technical direction as defined herein. Technical direction shall be exercised by the following Project Engineer:

<u>Name</u>	<u>Office symbol</u>	<u>Phone Number</u>
██████████	██████████	██████████

(b)(6)

b. Technical direction, as defined in this clause is the process by which the progress of the contractor's technical efforts are reviewed and evaluated and guidance for the continuation of the effort is provided by the Government. It also includes technical discussions and, to the extent required and specified elsewhere in this contract, defining interfaces between contractors; approving test plans; approving preliminary and critical design reviews; participating in meetings; providing technical and management information; and responding to request for research and development planning data on all matters pertaining to this contract. The contractor agrees to accept technical direction only in the form and procedure set forth herein below.

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c. Except for routine discussions having no impact on contractor performance, any and all technical direction described in paragraph b. above shall only be authorized and binding on the contractor when issued in writing and signed by a Government official designated in a. above. The Technical Direction shall not effect or result in a change within the meaning of the "CHANGES" clause, or any other change in the Scope of Work, price, schedule, or the level of effort required by the contract. Such changes must be executed by the Contracting Officer as a Modification-Change Order, or as a Modification-Supplemental Agreement, as appropriate. It is emphasized that such changes are outside the authority of the Government officials designated in a. above who are not authorized to issue any directions which authorize the contractor to exceed or perform less than the contract requirements. Notwithstanding any provision to the contrary in any Technical Directive, the estimated cost of this contract, and, if this contract is incrementally funded, the amount of funds allotted, shall not be increased or deemed to be increased by issuance thereof.

MINIMUM INSURANCE LIABILITY: Pursuant to the requirements of the contract clause 52.228-7, "Insurance – Liability to Third Persons," the contractor shall obtain and maintain at least the following kinds of insurance and minimum liability coverage during any period of contract performance:

- a. Workman's Compensation and Employers' Liability Insurance: Compliance with applicable workmen's compensation and occupational disease statutes is required. Employers' liability coverage in the minimum amount of \$100,000 is required.
- b. General Liability Insurance: Bodily injury liability insurance, in the minimum limits of \$500,000 per occurrence, is required on the comprehensive form of policy; however, property damage liability insurance is not required.
- c. Automobile Liability Insurance: This insurance is required on the comprehensive form of policy and shall provide bodily injury liability and property damage liability covering the operation of all automobiles used in connection with the performance of the contract. At least the minimum limits of \$200,000 per person and \$500,000 per occurrence for bodily injury and \$20,000 per occurrence for property damage is required.

MANPOWER REPORTING: The Office of the Assistant Secretary of the Army (Manpower & Reserve Affairs) operates and maintains a secure Army data collection site where the contractor will report ALL contractor manpower (including subcontractor manpower) required for performance of this contract. The contractor is required to completely fill in all the information in the format using the following web address: <https://cmra.army.mil/>. The required information includes: (1) Contracting Office, Contracting Officer, Contracting Officer's Technical Representative; (2) Contract number, including task and delivery order number; (3) Beginning and ending dates covered by reporting period; (4) Contractor name, address, phone number, e-mail address, identity of contractor employee entering data; (5) Estimated direct labor hours (including sub-contractors); (6) Estimated direct labor dollars paid this reporting period (including sub-contractors); (7) Total payments (including sub-contractors); (8) Predominant Federal Service Code (FSC) reflecting services provided by contractor (and separate predominant FSC for each sub-contractor if different); (9) Estimated data collection cost; (10) Organizational title associated with the Unit Identification Code (UIC) for the Army Requiring Activity (the Army Requiring Activity is responsible for providing the contractor with its UIC for the purposes of reporting this information); (11) Locations where contractor and sub-contractors perform the work (specified by zip code in the United States and nearest city, country, when in an overseas location, using standardized nomenclature provided on website); (12) Presence of deployment of contingency contract language; and (13) Number of contractor and sub-contractor employees deployed in theater this reporting period (by country). As part of its submission, the contractor will also provide the estimated total cost (if any) incurred to comply with this reporting requirement. Reporting period will be the period of performance not to exceed 12 months ending 30 September of each government fiscal year and must be reported by 31 October of each calendar year. Contractors may use a direct XML data transfer to the database server or fill in the fields on the website. The XML direct transfer is a format for transferring files from a contractor's systems to the secure web site

without the need for separate data entries for each required data element at the web site. The specific formats for the XML direct transfer may be downloaded from the web site.”

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Section I - Contract Clauses

CLAUSES INCORPORATED BY REFERENCE

52.202-1	Definitions	JUL 2004
52.203-3	Gratuities	APR 1984
52.203-5	Covenant Against Contingent Fees	APR 1984
52.203-6	Restrictions On Subcontractor Sales To The Government	SEP 2006
52.203-7	Anti-Kickback Procedures	OCT 2010
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	JAN 1997
52.203-10	Price Or Fee Adjustment For Illegal Or Improper Activity	JAN 1997
52.203-12	Limitation On Payments To Influence Certain Federal Transactions	OCT 2010
52.203-13	Contractor Code of Business Ethics and Conduct	APR 2010
52.204-2	Security Requirements	AUG 1996
52.204-4	Printed or Copied Double-Sided on Postconsumer Fiber Content Paper	MAY 2011
52.204-6	Data Universal Numbering System (DUNS) Number	APR 2008
52.204-7	Central Contractor Registration	APR 2008
52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards	JUL 2010
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	DEC 2010
52.209-9	Updates of Publicly Available Information Regarding Responsibility Matters	JAN 2011
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 Alt I	Integrity of Unit Prices (Oct 2010) - Alternate I	OCT 1997
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 or Information Other Than Certified Cost or Pricing Data-- Modifications	OCT 2010
52.215-23	Limitations on Pass-Through Charges	OCT 2009
52.216-7	Allowable Cost And Payment	JUN 2011
52.216-8	Fixed Fee	JUN 2011
52.216-26	Payments Of Allowable Costs Before Definitization	DEC 2002
52.219-8	Utilization of Small Business Concerns	JAN 2011
52.219-28	Post-Award Small Business Program Rerepresentation	APR 2009
52.222-3	Convict Labor	JUN 2003
52.222-19	Child Labor -- Cooperation with Authorities and Remedies	JUL 2010
52.222-21	Prohibition Of Segregated Facilities	FEB 1999
52.222-26	Equal Opportunity	MAR 2007
52.222-35	Equal Opportunity for Veterans	SEP 2010
52.222-36	Affirmative Action For Workers With Disabilities	OCT 2010

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52.222-37	Employment Reports on Veterans	SEP 2010
52.222-40	Notification of Employee Rights Under the National Labor Relations Act	DEC 2010
52.222-50	Combating Trafficking in Persons	FEB 2009
52.222-54	Employment Eligibility Verification	JAN 2009
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 Engaging in Sanctioned Activities Relating to Iran--Certification.	SEP 2010
52.227-1	Authorization and Consent	DEC 2007
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
52.227-11	Patent Rights--Ownership By The Contractor	DEC 2007
52.228-7	Insurance--Liability To Third Persons	MAR 1996
52.230-2	Cost Accounting Standards	OCT 2010
52.230-3	Disclosure And Consistency Of Cost Accounting Practices	OCT 2008
52.230-6	Administration of Cost Accounting Standards	JUN 2010
52.232-9	Limitation On Withholding Of Payments	APR 1984
52.232-17	Interest	OCT 2010
52.232-22	Limitation Of Funds	APR 1984
52.232-23 Alt I	Assignment of Claims (Jan 1986) - Alternate I	APR 1984
52.232-25 Alt I	Prompt Payment (Oct 2008) Alternate I	FEB 2002
52.232-33	Payment by Electronic Funds Transfer--Central Contractor Registration	OCT 2003
52.233-1	Disputes	JUL 2002
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 2001
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
52.244-6	Subcontracts for Commercial Items	DEC 2010
52.245-1	Government Property	AUG 2010
52.245-9	Use And Charges	AUG 2010
52.249-6	Termination (Cost Reimbursement)	MAY 2004
52.249-14	Excusable Delays	APR 1984
52.251-1	Government Supply Sources	AUG 2010
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	JAN 2009
252.203-7003	Agency Office of the Inspector General	SEP 2010
252.204-7000	Disclosure Of Information	DEC 1991
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7004 Alt A	Central Contractor Registration Alternate A	SEP 2007

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252.204-7005	Oral Attestation of Security Responsibilities	NOV 2001
252.204-7008	Export-Controlled Items	APR 2010
252.205-7000	Provision Of Information To Cooperative Agreement Holders	DEC 1991
252.209-7004	Subcontracting With Firms That Are Owned or Controlled By The Government of a Terrorist Country	DEC 2006
252.211-7007	Reporting of Government-Furnished Equipment in the DoD Item Unique Identification (IUID) Registry	NOV 2008
252.211-7008	Use of Government-Assigned Serial Numbers	SEP 2010
252.215-7000	Pricing Adjustments	DEC 1991
252.215-7002	Cost Estimating System Requirements	MAY 2011
252.219-7004	Small Business Subcontracting Plan (Test Program)	JAN 2011
252.223-7004	Drug Free Work Force	SEP 1988
252.225-7005	Identification Of Expenditures In The United States	JUN 2005
252.225-7012	Preference For Certain Domestic Commodities	JUN 2010
252.225-7013	Duty-Free Entry	DEC 2009
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	SEP 2011
252.227-7014	Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation	MAR 2011
252.227-7015	Technical Data--Commercial Items	SEP 2011
252.227-7016	Rights in Bid or Proposal Information	JAN 2011
252.227-7019	Validation of Asserted Restrictions--Computer Software	SEP 2011
252.227-7025	Limitations on the Use or Disclosure of Government- Furnished Information Marked with Restrictive Legends	MAR 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	SEP 2011
252.227-7039	Patents--Reporting Of Subject Inventions	APR 1990
252.231-7000	Supplemental Cost Principles	DEC 1991
252.232-7003	Electronic Submission of Payment Requests and Receiving Reports	MAR 2008
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	NOV 2004
252.242-7005	Contractor Business Systems	MAY 2011
252.242-7006	Accounting System Administration	MAY 2011
252.243-7002	Requests for Equitable Adjustment	MAR 1998
252.244-7000	Subcontracts for Commercial Items and Commercial Components (DoD Contracts)	SEP 2011
252.244-7001	Contractor Purchasing System Administration	MAY 2011
252.245-7001	Tagging, Labeling, and Marking of Government-Furnished Property	FEB 2011
252.245-7002	Reporting Loss of Government Property	FEB 2011
252.245-7003	Contractor Property Management System Administration	MAY 2011
252.245-7004	Reporting, Reutilization, and Disposal	AUG 2011
252.247-7023	Transportation of Supplies by Sea	MAY 2002
252.247-7024	Notification Of Transportation Of Supplies By Sea	MAR 2000

CLAUSES INCORPORATED BY FULL TEXT

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52.203-14 DISPLAY OF HOTLINE POSTER(S) (DEC 2007)

(a) Definition.

United States, as used in this clause, means the 50 States, the District of Columbia, and outlying areas.

(b) Display of fraud hotline poster(s). Except as provided in paragraph (c)--

(1) During contract performance in the United States, the Contractor shall prominently display in common work areas within business segments performing work under this contract and at contract work sites--

(i) Any agency fraud hotline poster or Department of Homeland Security (DHS) fraud hotline poster identified in paragraph (b)(3) of this clause; and

(ii) Any DHS fraud hotline poster subsequently identified by the Contracting Officer.

(2) Additionally, if the Contractor maintains a company website as a method of providing information to employees, the Contractor shall display an electronic version of the poster(s) at the website.

(3) Any required posters may be obtained as follows:

Poster(s) Obtain from

http://www.dodig.mil/hotline/hotline_posters.htm

(c) If the Contractor has implemented a business ethics and conduct awareness program, including a reporting mechanism, such as a hotline poster, then the Contractor need not display any agency fraud hotline posters as required in paragraph (b) of this clause, other than any required DHS posters.

(d) Subcontracts. The Contractor shall include the substance of this clause, including this paragraph (d), in all subcontracts that exceed \$5,000,000, except when the subcontract--

(1) Is for the acquisition of a commercial item; or

(2) Is performed entirely outside the United States.

(End of clause)

52.216-23 EXECUTION AND COMMENCEMENT OF WORK (APR 1984)

The Contractor shall indicate acceptance of this letter contract by signing three copies of the contract and returning them to the Contracting Officer not later than two (2) days after award of this letter contract. Upon acceptance by both parties, the Contractor shall proceed with performance of the work, including purchase of necessary materials.

(End of clause)

52.216-24 LIMITATION OF GOVERNMENT LIABILITY (APR 1984)

(a) In performing this contract, the Contractor is not authorized to make expenditures or incur obligations exceeding

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\$1,643,400 dollars.

(b) The maximum amount for which the Government shall be liable if this contract is terminated is \$1,643,400 dollars.

(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 _____ 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).

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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:

(End of clause)

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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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):

www.arnet.gov

(End of clause)

252.211-7003 ITEM IDENTIFICATION AND VALUATION (JUN 2011)

(a) Definitions. As used in this clause'

Automatic identification device means a device, such as a reader or interrogator, used to retrieve data encoded on machine-readable media.

Concatenated unique item identifier means--

(1) For items that are serialized within the enterprise identifier, the linking together of the unique identifier data elements in order of the issuing agency code, enterprise identifier, and unique serial number within the enterprise identifier; or

(2) For items that are serialized within the original part, lot, or batch number, the linking together of the unique identifier data elements in order of the issuing agency code; enterprise identifier; original part, lot, or batch number; and serial number within the original part, lot, or batch number.

Data qualifier means a specified character (or string of characters) that immediately precedes a data field that defines the general category or intended use of the data that follows.

DoD recognized unique identification equivalent" means a unique identification method that is in commercial use and has been recognized by DoD. All DoD recognized unique identification equivalents are listed at http://www.acq.osd.mil/dpap/pdi/uid/iuid_equivalents.html.

DoD unique item identification means a system of marking items delivered to DoD with unique item identifiers that have machine-readable data elements to distinguish an item from all other like and unlike items. For items that are serialized within the enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier and a unique serial number. For items that are serialized within the part, lot, or batch number within the enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier; the original part, lot, or batch number; and the serial number.

Enterprise means the entity (e.g., a manufacturer or vendor) responsible for assigning unique item identifiers to items.

Enterprise identifier means a code that is uniquely assigned to an enterprise by an issuing agency.

Government's unit acquisition cost means--

(1) For fixed-price type line, subline, or exhibit line items, the unit price identified in the contract at the time of delivery;

(2) For cost-type or undefinitized line, subline, or exhibit line items, the Contractor's estimated fully burdened unit cost to the Government at the time of delivery; and

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(3) For items produced under a time-and-materials contract, the Contractor's estimated fully burdened unit cost to the Government at the time of delivery.

Issuing agency means an organization responsible for assigning a non-repeatable identifier to an enterprise (i.e., Dun & Bradstreet's Data Universal Numbering System (DUNS) Number, GS1 Company Prefix, or Defense Logistics Information System (DLIS) Commercial and Government Entity (CAGE) Code).

Issuing agency means an organization responsible for assigning a globally unique identifier to an enterprise (e.g., Dun & Bradstreet's Data Universal Numbering System (DUNS) Number, GS1 Company Prefix, Allied Committee 135 NATO Commercial and Government Entity (NCAGE)/Commercial and Government Entity (CAGE) Code, or the Coded Representation of the North American Telecommunications Industry Manufacturers, Suppliers, and Related Service Companies (ATIS-0322000) Number), European Health Industry Business Communication Council (EHIBCC) and Health Industry Business Communication Council (HIBCC)), as indicated in the Register of Issuing Agency Codes for ISO/IEC 15459, located at <http://www.nen.nl/web/Normen-ontwikkelen/ISOIEC-15459-Issuing-Agency-Codes.htm>.

Item means a single hardware article or a single unit formed by a grouping of subassemblies, components, or constituent parts.

Lot or batch number means an identifying number assigned by the enterprise to a designated group of items, usually referred to as either a lot or a batch, all of which were manufactured under identical conditions.

Machine-readable means an automatic identification technology media, such as bar codes, contact memory buttons, radio frequency identification, or optical memory cards.

Original part number means a combination of numbers or letters assigned by the enterprise at item creation to a class of items with the same form, fit, function, and interface.

Parent item means the item assembly, intermediate component, or subassembly that has an embedded item with a unique item identifier or DoD recognized unique identification equivalent.

Serial number within the enterprise identifier means a combination of numbers, letters, or symbols assigned by the enterprise to an item that provides for the differentiation of that item from any other like and unlike item and is never used again within the enterprise.

Serial number within the part, lot, or batch number means a combination of numbers or letters assigned by the enterprise to an item that provides for the differentiation of that item from any other like item within a part, lot, or batch number assignment.

Serialization within the enterprise identifier means each item produced is assigned a serial number that is unique among all the tangible items produced by the enterprise and is never used again. The enterprise is responsible for ensuring unique serialization within the enterprise identifier.

Serialization within the part, lot, or batch number means each item of a particular part, lot, or batch number is assigned a unique serial number within that part, lot, or batch number assignment. The enterprise is responsible for ensuring unique serialization within the part, lot, or batch number within the enterprise identifier.

Unique item identifier means a set of data elements marked on items that is globally unique and unambiguous. The term includes a concatenated unique item identifier or a DoD recognized unique identification equivalent.

Unique item identifier type means a designator to indicate which method of uniquely identifying a part has been used. The current list of accepted unique item identifier types is maintained at http://www.acq.osd.mil/dpap/pdi/uid/uii_types.html.

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(b) The Contractor shall deliver all items under a contract line, subline, or exhibit line item.

(c) Unique item identifier.

(1) The Contractor shall provide a unique item identifier for the following:

(i) All delivered items for which the Government's unit acquisition cost is \$5,000 or more.

(ii) The following items for which the Government's unit acquisition cost is less than \$5,000:

Contract line, subline, or exhibit line item No.	Item description
---	------------------

(iii) Subassemblies, components, and parts embedded within delivered items as specified in Attachment Number ----.

(2) The unique item identifier and the component data elements of the DoD unique item identification shall not change over the life of the item.

(3) Data syntax and semantics of unique item identifiers. The Contractor shall ensure that--

(i) The encoded data elements (except issuing agency code) of the unique item identifier are marked on the item using one of the following three types of data qualifiers, as determined by the Contractor:

(A) Application Identifiers (AIs) (Format Indicator 05 of ISO/IEC International Standard 15434), in accordance with ISO/IEC International Standard 15418, Information Technology--EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

(B) Data Identifiers (DIs) (Format Indicator 06 of ISO/IEC International Standard 15434), in accordance with ISO/IEC International Standard 15418, Information Technology--EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

(C) Text Element Identifiers (TEIs) (Format Indicator 12 of ISO/IEC International Standard 15434), in accordance with the Air Transport Association Common Support Data Dictionary; and

(ii) The encoded data elements of the unique item identifier conform to the transfer structure, syntax, and coding of messages and data formats specified for Format Indicators 05, 06, and 12 in ISO/IEC International Standard 15434, Information Technology--Transfer Syntax for High Capacity Automatic Data Capture Media.

(4) Unique item identifier.

(i) The Contractor shall--

(A) Determine whether to--

(1) Serialize within the enterprise identifier;

(2) Serialize within the part, lot, or batch number; or

(3) Use a DoD recognized unique identification equivalent; and

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(B) Place the data elements of the unique item identifier (enterprise identifier; serial number; DoD recognized unique identification equivalent; and for serialization within the part, lot, or batch number only: original part, lot, or batch number) on items requiring marking by paragraph (c)(1) of this clause, based on the criteria provided in the version of MIL-STD-130, Identification Marking of U.S. Military Property, cited in the contract Schedule.

(ii) The issuing agency code--

(A) Shall not be placed on the item; and

(B) Shall be derived from the data qualifier for the enterprise identifier.

(d) For each item that requires unique item identification under paragraph (c)(1)(i) or (ii) of this clause, in addition to the information provided as part of the Material Inspection and Receiving Report specified elsewhere in this contract, the Contractor shall report at the time of delivery, either as part of, or associated with, the Material Inspection and Receiving Report, the following information:

(1) Unique item identifier.

(2) Unique item identifier type.

(3) Issuing agency code (if concatenated unique item identifier is used).

(4) Enterprise identifier (if concatenated unique item identifier is used).

(5) Original part number (if there is serialization within the original part number).

(6) Lot or batch number (if there is serialization within the lot or batch number).

(7) Current part number (optional and only if not the same as the original part number).

(8) Current part number effective date (optional and only if current part number is used).

(9) Serial number (if concatenated unique item identifier is used).

(10) Government's unit acquisition cost.

(11) Unit of measure.

(e) For embedded subassemblies, components, and parts that require DoD unique item identification under paragraph (c)(1)(iii) of this clause, the Contractor shall report as part of, or associated with, the Material Inspection and Receiving Report specified elsewhere in this contract, the following information:

(1) Unique item identifier of the parent item under paragraph (c)(1) of this clause that contains the embedded subassembly, component, or part.

(2) Unique item identifier of the embedded subassembly, component, or part.

(3) Unique item identifier type.**

(4) Issuing agency code (if concatenated unique item identifier is used).**

(5) Enterprise identifier (if concatenated unique item identifier is used).**

(6) Original part number (if there is serialization within the original part number).**

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- (7) Lot or batch number (if there is serialization within the lot or batch number).**
- (8) Current part number (optional and only if not the same as the original part number).**
- (9) Current part number effective date (optional and only if current part number is used).**
- (10) Serial number (if concatenated unique item identifier is used).**
- (11) Description.

** Once per item.

(f) The Contractor shall submit the information required by paragraphs (d) and (e) of this clause in accordance with the data submission procedures at http://www.acq.osd.mil/dpap/pdi/uid/data_submission_information.html.

(g) Subcontracts. If the Contractor acquires by subcontract, any item(s) for which unique item identification is required in accordance with paragraph (c)(1) of this clause, the Contractor shall include this clause, including this paragraph (g), in the applicable subcontract(s).

(End of clause)

252.217-7027 CONTRACT DEFINITIZATION (OCT 1998)

(a) A cost-plus-fixed-fee type contract is contemplated. The Contractor agrees to begin promptly negotiating with the Contracting Officer the terms of a definitive contract that will include (1) all clauses required by the Federal Acquisition Regulation (FAR) on the date of execution of the undefinitized contract action, (2) all clauses required by law on the date of execution of the definitive contract action, and (3) any other mutually agreeable clauses, terms, and conditions. The Contractor agrees to submit a cost-plus-fixed-fee proposal and cost or pricing data supporting its proposal.

(b) The schedule for definitizing this contract is as follows (insert target date for definitization of the contract action and dates for submission of proposal, beginning of negotiations, and, if appropriate, submission of the make-or-buy and subcontracting plans and cost or pricing data).

Submission of Proposal	45 days after award of letter contract
Begin Negotiations	120 days after award of letter contract
Contract Definitization	180 days after award of letter contract

(c) If agreement on a definitive contract action to supersede this undefinitized contract action is not reached by the target date in paragraph (b) of this clause, or within any extension of it granted by the Contracting Officer, the Contracting Officer may, with the approval of the head of the contracting activity, determine a reasonable price or fee in accordance with subpart 15.4 and part 31 of the FAR, subject to Contractor appeal as provided in the Disputes clause. In any event, the Contractor shall proceed with completion of the contract, subject only to the Limitation of Government Liability clause.

(1) After the Contracting Officer's determination of price or fee, the contract shall be governed by--

(i) All clauses required by the FAR on the date of execution of this undefinitized contract action for either fixed-price or cost-reimbursement contracts, as determined by the Contracting Officer under this paragraph (c);

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(ii) All clauses required by law as of the date of the Contracting Officer's determination; and

(iii) Any other clauses, terms, and conditions mutually agreed upon.

(2) To the extent consistent with paragraph (c)(1) of this clause, all clauses, terms, and conditions included in this undefinitized contract action shall continue in effect, except those that by their nature apply only to an undefinitized contract action.

(d) The definitive contract resulting from this undefinitized contract action will include a negotiated cost/price ceiling in no event to exceed \$9,495,200, inclusive of cost and fee.

(End of clause)

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Section J - List of Documents, Exhibits and Other Attachments

CLAUSES INCORPORATED BY FULL TEXT

PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTSSECTION J - LIST OF ATTACHMENTS

<u>TITLE</u>	<u>DATE</u>	<u># OF PAGES</u>
Scope of Work, Revision 00, entitled "Joint Land Cruise Missile Defense Elevated Netted Sensor (JELSN) Risk Reduction Program (RRP) Study Phase"	06 Sep 11	9 Attack
Contract Data Requirements List (DD Form 1423) Exhibit A. A001 – A018, with Document Summary List	20 Jul 11	20
Contract Security Classification Specification Form 254)	26 Oct 11	26 (DD
Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) Product Office, System Development and Demonstration (SDD), Security Classification Guide (SCG), hereby incorporated by reference	01 May 09	
Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) SDD Security Classification Guide Classified Appendix, hereby incorporated by reference	01 May 09	
Identification and Assertion of use, Release, or Disclosure Restrictions (DFARS 252.227-7017)	RESERVED	
Technical Data or Computer Software Previously Delivered to the Government (DFARS 252-227-7028)	RESERVED	
Raytheon Comprehensive Small Business Subcontracting Plan, hereby incorporated by reference	29 Sep 11	24
Contractor's Representations and Certifications, hereby incorporated by reference		

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JOINT LAND ATTACK CRUISE MISSILE DEFENSE ELEVATED NETTED SENSOR SYSTEM (JLENS)



JLENS Risk Reduction Program Study Phase Statement Of Work

6 September 2011

DISTRIBUTION STATEMENT F – Further dissemination only as directed by the Cruise Missile Defense Office (CMDO) Project Office, JLENS Product Office, ATTN: SFAE-CMDO-JLN, Bldg 5308, 2nd Floor, Redstone Arsenal, AL 35898.

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1.0 INTRODUCTION

1.1 Objectives

The primary objectives of the Joint Land Attack Cruise Missile Elevated Netted Sensor System (JLENS) Risk Reduction Program (RRP) is to build upon the System Development and Demonstration (SDD) Technical Data Package (TDP) and Manufacturing Data Package (MDP) to provide a more affordable product, with reduced manufacturing cycle times, a mature supplier and subcontractor base, and a minimum number of obsolete components. These provisions are intended to minimize the risks the SDD product currently presents to the planned JLENS Exercise, Low Rate Initial Production (LRIP), and Full Rate Production programs and maximize the opportunities available to them.

1.2 Scope

This Statement of Work (SOW) defines the tasks to be performed during the Study Phase of the RRP. The objective of the RRP is to perform engineering tasks which are not part of the current SDD contract, but can be conducted prior to the planned JLENS Exercise as noted in Section 5.1.2 and LRIP #1 contract award. These tasks will ensure the planned JLENS Exercise and LRIP #1 material procurement and manufacturing can meet critical planned JLENS Exercise and LRIP schedule milestones with minimum technical, cost and schedule risk. The RRP tasks described were recommended during the JLENS Production Readiness Review (PRR) conducted in November 2010. It is also an objective of the RRP to improve product affordability. The two Orbits produced during SDD are the first units manufactured and tested on the JLENS program. There were lessons learned during the manufacture of the SDD system that can be addressed during the RRP to retain performance and make the product more affordable. Changes due to lessons learned will be applied to the Major End Items (MEIs) to improve manufacturing and test cycle times. Process improvements will be implemented and test equipment will be upgraded which will reduce cycle times experienced during SDD. Obsolete supply items will also be replaced with more available items going forward into the planned JLENS Exercise and LRIP. Subcontractors and suppliers will also be qualified by the contractor to minimize risks and improve product affordability for LRIP. Outstanding changes will be incorporated into the SDD TDP and MDP to provide an updated documentation baseline at LRIP inception.

2.0 APPLICABLE DOCUMENTS

All top-level documents are listed in the Document Summary List (DSL) by number, title, and date. The document versions specified on the DSL take precedence over the generic references (without revision letters) cited in the SOW.

3.0 REQUIREMENTS

3.1 Study Phase

During the Study Phase of the RRP, as defined in this SOW, the contractor shall conduct trade-offs to explore prospective improvements which will provide the best opportunities for LRIP in terms of producibility, affordability, cycle time reduction and minimum risks. During this phase, the contractor shall make a recommendation as to which improvements discussed during the PRR should be incorporated into the SDD product/process design and potentially modify the LRIP baseline. The contractor shall conduct

each study in the RRP in an integrated, cross-discipline approach to assure that any synergies that may exist across each study area are captured and reflected in the resulting implementation plans. The findings of each study will be evaluated for opportunities to consolidate mitigation actions across study areas to form a set of cohesive, coordinated, cost-effective implementation proposals. The contractor shall provide a detailed cost estimate for all work to be conducted during the planned RRP Implementation Phase associated with the conclusions proposed during the RRP Study in accordance with (IAW) DI-FNCL-81116 (Contract Data Requirements List (CDRL) A001).

The specific studies to be pursued are:

- Lessons Learned under the JLENS SDD Contract DASG60-98-C-0001.
- Design for Manufacture and Assembly (DFMA) studies to determine which recommended improvements that make the system more affordable should be incorporated into the TDP and MDP.
- SDD MEI Special Tooling and Special Test Equipment (ST/STE), including the [REDACTED] Test Station, to determine which ST/STE should be modified or redesigned. Tooling and test equipment shall be preserved and maintained during the manufacturing suspension prior to LRIP. Proposed ST/STE changes shall be developed during the planned RRP Implementation Phase.
- Supply Item Obsolescence, including the processor/servers and Software (SW) re-hosting, to determine impact on the SDD TDP and MDP and develop a recommended plan forward. Obsolescence studies shall include current obsolescence and monitoring until LRIP.
- Evaluate Change Notices (CNs) generated during SDD to determine those requiring design modifications or redesigns in order to implement prior to LRIP start.
- Concepts for Environmental Control System improvements and prepare an Implementation Plan for each concept identified.
- Concept for system acceptance via Material Inspection and Receiving Report, DD Form 250, sell-off at MEI levels.
- Concept for modification of the contractor System Integration Laboratory (SIL) to provide Orbit level simulation capability.

(b)(3)

The contractor shall:

- Identify cost reductions for the program through redesign and manufacturing improvements by establishing Design to Unit Cost objectives in all hardware areas.
- Perform process preservation which includes Work Instructions and MDP.
- Identify risks to LRIP production start and mitigation strategies.
- Develop cost estimates for the implementation of the study conclusions.

4.0 INTEGRATED PROGRAM MANAGEMENT

4.1 Integrated Cost, Schedule and Technical Performance Management

The contractor shall utilize their internal performance management system to plan, schedule, budget, monitor, manage and report cost, schedule and technical status applicable to the contract. The contractor's internal performance management system shall serve as the single, formal, integrated system that meets both

the contractor's internal management requirements and the requirements of the Government for timely, reliable and auditable performance information. The contractor shall flow down reporting requirements to major subcontractors and Intra-Organizational Transfers (IOTs) based on risk, schedule criticality and dollar value that have the potential to impact the successful completion of the program. The contractor shall relate technical, cost and schedule accomplishments in reports IAW DI-FNCL-80912 (CDRL A002).

4.1.1 Meetings and Reviews - Contractor/Government

The contractor shall conduct program reviews addressing technical performance, risk, cost, technical and schedule progress, program status and issues that could affect program execution. Reviews shall also include Design Reviews for MEIs and Line Replaceable Units (LRUs) modified on the RRP. The contractor shall relate technical accomplishment to cost and schedule using earned value and the Integrated Master Schedule during program reviews. Two meetings shall take place, one at the mid-point of the period of performance (POP) of this contract and one at contract completion. These meetings shall last one day and be held at the contractor's facility. The contractor shall prepare and deliver meeting minutes, attendees and action items IAW DI-ADMN-81505 (CDRL A003). The contractor shall prepare and deliver any presentation charts IAW DI-ADMN-81373 (CDRL A018).

4.2 Contract Work Breakdown Structure

The contractor shall develop, implement and maintain a Contract Work Breakdown Structure (CWBS) and CWBS Dictionary IAW DI-MGMT-81334 (CDRL A004) to the lowest level at which work is performed. The contractor shall use the CWBS as the primary framework for planning, monitoring, budgeting, controlling and reporting the status of program cost, schedules and technical performance. The contractor shall update the CWBS during the execution of the contract. The contractor shall submit justifications for proposed changes to CWBS IAW DI-MISC-80508 (CDRL A005).

4.3 Cost Reporting

4.3.1 Integrated Program Management Reporting

The contractor shall report cost data to the CWBS elements. The contractor shall prepare a Contract Funds Status Report (CFSR) IAW DI-MGMT-81468 (CDRL A006).

4.4 Data Management

The contractor shall implement the data management process from the JLENS SDD Contract DASG60-98-C-0001 that shall reproduce, catalog, store and deliver data items. The contractor shall make available all technical and programmatic data as requested by the Government. The contractor shall maintain a data repository for classified storage and an efficient means to accomplish fast and accurate classified data retrieval. The contractor shall use the Government unclassified Management Information System (MIS) Portal for delivery of unclassified data. The contractor shall notify the Government Point of Contact (POC) designated on the corresponding CDRL via email when data is posted to the classified repository and the unclassified MIS Portal. The contractor shall include the filename and path to the posted data in the email. The Government POC-designated on the corresponding CDRL will provide notification of CDRL receipt to the contractor via email. The contractor shall deliver data that is usable on personal computers using Microsoft Windows Operating System, Microsoft Office Application Programs and other common application programs and formats such as Adobe Portable Document Format (PDF) and Extensible Markup

Language (XML) files. Data not appropriate for access via Microsoft Windows applications, such as software, shall be delivered in its native format via compact disc (CD) or digital versatile disk (DVD). The contractor shall ensure all electronic deliveries are free from viruses. The contractor shall prepare a Data Accession List IAW DI-MGMT-81453 (CDRL A007) to the Government development of acquisition documentation. The contractor shall provide a copy of any data generated under this contract IAW DI-MISC-80508 (CDRL A017) at the cost of reproduction only.

4.5 Risk Management

The contractor shall update and maintain a Government-approved Risk Management Plan IAW DI-MGMT-81808 (CDRL A008), and utilize processes to identify and prioritize risk areas and identify mitigation strategies to reduce or eliminate risks to the LRIP program. The intent of risk management as it pertains to the RRP is to maximize the value of RRP tasks such that LRIP startup readiness is maximized. The Risk and Opportunity Management Plan (ROMP) developed under the JLENS SDD Contract DASG60-98-C-0001 shall be applied to the RRP; the tables in the SDD ROMP shall be tailored as applicable to RRP risks. The Risk Management Plan shall address: requirements, design and engineering, manufacturing, support, cost and schedule.

4.6 Contractor Manpower Reporting

The Office of the Assistant Secretary of the Army (Manpower & Reserve Affairs) operates and maintains a secure Army data collection site where the contractor will report ALL contractor manpower (including subcontractor manpower) required for performance of this contract. The contractor is required to completely fill in all the information in the format using the following web address <https://contractormanpower.army.pentagon.mil>. The required information includes: (1) Contracting Office, Contracting Officer, Contracting Officer's Technical Representative; (2) Contract number, including task and delivery order number; (3) Beginning and ending dates covered by reporting period; (4) Contractor name, address, phone number, e-mail address, identity of contractor employee entering data; (5) Estimated direct labor hours (including sub-contractor); (6) Estimated direct labor dollars paid this reporting period (including sub-contractor); (7) Predominant Federal Service Code (FSC) reflecting services provided by contractor (and separate predominant FSC for each sub-contractor if different); (8) Organizational title associated with the Unit Identification Code (UIC) for the Army Requiring Activity (the Army Requiring Activity is responsible for providing the contractor with its UIC for the purposes of reporting this information); (9) Locations where contractor and sub-contractors perform the work (specified by zip code in the United States and nearest City, Country, when in an overseas location, using standardized nomenclature provided on website); (10) Presence of deployment or contingency contract language, and (11) Number of contractor and sub-contractor employees deployed in theater this reporting period (by country). As part of its submission, the contractor will also provide the estimated total cost (if any) incurred to comply with this reporting requirement. Reporting period will be the period of performance not to exceed 12 months ending September 30 of each government fiscal year and must be reported by 31 October of each calendar year.

5.0 ENGINEERING

5.1 Study Phase

The contractor shall develop an Implementation Plan that shall be prepared for each of the bullets in Section 3.1 of this SOW LAW DI-MGMT-81737 (CDRL A009). The RRP Study Phase shall conclude with a single integrated Implementation Plan which defines the manner in which the outcome of each study is to be executed. Each study will perform a cost benefit analysis early in the study, as part of the concept tradeoff. The cost estimate will determine improvements in Production Unit Cost (PUC) and Life Cycle Cost (LCC) if applicable to the study. The Implementation Plan shall contain descriptions of the tasks required, a schedule of the tasks in Microsoft Project IMS format, an estimate of the cost to implement the plan and a defined milestone event (if applicable) for transition to LRIP non-recurring expense. The equipment defined in the implementation plan shall be LAW the parts, materials and processes control plan.

5.1.1 Affordability Improvements Study

The contractor shall analyze and prioritize the entries into the SDD Lessons Learned database for the Fire Control Radar (FCR), Surveillance Radar (SuR), Communication and Processing Group (CPG) and Platform Prime Items and the Power and Environmental Control Systems to determine which of the recommendations should be incorporated into the TDP and MDP for LRIP #1 to make the system more affordable and simplify the manufacturing process. Other recommended improvements documented separately in the Production Readiness Review package and in the Lessons Learned database shall be included in this study. All of the recommended improvements shall be separated into four categories: 1) those that are presently being incorporated into SDD; 2) those that are to be performed during the RRP; 3) those that are to be initiated during RRP and completed in LRIP; and 4) those that are to be done during the LRIP program. Categories 2 and 3 shall be incorporated into the RRP Plan. Manufactured items or assemblies with producibility risks which are not entered into the Lessons Learned database, such as quantity items with low production yields, shall be included in this list of improvement candidates. Affordability shall be determined as an integrated effort, utilizing the DFMA tool and considering LCC, Mean Time Between Failures (MTBF) and Mean Time To Repair (MTTR) for the MEIs and LRUs. The Implementation Plan shall contain a list of affordability improvement candidates and shall develop recommended design or process changes for achieving the affordability improvements. The plan shall also determine the projected cost reduction of the affordability improvements or process changes to be implemented for the modified MEIs LAW DI-MISC-80508 (CDRL A010).

5.1.2 Exercise Obsolescence

The contractor shall prepare an obsolescence study LAW DI-MISC-80508 (CDRL A011) that shall address all areas affecting the planned JLENS Exercise. Obsolete components and other supply items shall be evaluated to determine impact on the SDD TDP and MDP in terms of design modification complexity of the spare to be provided for the planned JLENS Exercise. Designs can be revised in one of the following categories for obsolete components in Circuit Card Assemblies (CCAs):

1. Drop-in replacement part which can use the existing component footprint without changing the Printed Wiring Board (PWB) artwork (Parts List change only).

2. Component replacement with a different footprint due to pin-out differences, with a re-spin of the PWB artwork to accept an equivalent replacement part.
3. CCA redesign requiring new PWB artwork due to the elimination of the obsolete part by designing it out.

5.1.3 Obsolescence Management Study

The contractor shall prepare an obsolescence study IAW DI-MISC-80508 (CDRL A011) that shall address all areas affecting the LRIP program, including replacements for the obsolete IBM 3455, P595 computers and Blade Cell QS21 servers. The opportunity to eliminate either the Surveillance Radar System (SuS) Digital Processing Station Shelter or the SuS Signal Processing Station Shelter shall be considered. Obsolete components and other supply items for the FCR, SuR, CPG, and Platform and Power System MEIs shall be evaluated to determine the impact on the SDD TDP and MDP in terms of design modification complexity of the component being replaced. Designs can be revised in one of the following categories for obsolete components in CCAs:

1. Drop-in replacement part which can use the existing component footprint without changing the PWB artwork (Parts List change only).
2. Component replacement with a different footprint due to pin-out differences, with a re-spin of the PWB artwork to accept an equivalent replacement part.
3. CCA redesign requiring new PWB artwork due to the elimination of the obsolete part by designing it out.

5.1.4 ST/STE Study

The contractor shall prepare a ST/STE list IAW DI-ILSS-80868 (CDRL A012) to be used for testing the LRIP MEIs and LRUs. The list shall be studied to determine candidates for modification or redesign IAW DI-ILSS-80868. The study will address: 1) STEs with tests best suited for automation; 2) STEs that have the greatest potential to reduce cycle time; 3) STEs with tests which can be performed with higher measurement repeatability (thereby reducing errors); 4) Improving SDD STE manual test methods to benefit LRIP; and 5) STEs that may have obsolescence or single point of failure issues. The Implementation Plan IAW DI-MGMT-81737 (CDRL A009) for this study shall recommend STEs to be modified or redesigned based on the evaluation criteria, including block diagram and description of features being retained and those which are new.

5.1.5 CN Incorporation Study

A limited number of SDD hardware items such as CCAs, Module Rack Assemblies (MRAs) and wiring harnesses were modified during the integration and test phase and documented via CNs. These modifications consisted of CCA "cuts and jumpers" and other changes necessary for SDD producibility. The contractor shall prepare Change Notices (and Unincorporated Changes) List IAW DI-MISC-80048 (CDRL A013) to estimate the design changes and define engineering material, fabrication and test requirements, if needed, as the Proof-Of-Design. CNs which do not require engineering shall be incorporated into the TDP as part of this study effort.

5.1.6 Environmental Improvements Study

Non-tactical Environmental Control Units (ECUs) were developed during SDD for cold weather and hot weather applications to protect temperature sensitive components during transportation and storage.

(b)(3)

they are commercial (COTS/MOTS) quality,

(b)(3)

The contractor shall evaluate the possibility of eliminating the need for tactical ECUs

(b)(3)

(b)(3)

The contractor shall determine the possibility of minimizing the application of ECUs. If the study determines that ECUs are necessary, the contractor shall prepare an Implementation Plan IAW DI-MGMT-81737 (CDRL A009) to design a single tactical unit in place of the non-tactical cold weather and hot weather ECUs. The study shall also minimize the number of storage ECUs required by consolidating temperature sensitive items into the same storage ISO containers as practical. Two versions of the tactical ECU will be considered: 1) Shelter ECU to be used for operational environmental control and 2) Storage ECU to be used for environmental control of non-operational tactical equipment. The contractor shall document the study IAW DI-MISC-80508 (CDRL A014) and shall include technical design information and life-cycle cost impacts (including a production cost estimate).

(b)(3)

5.1.7 System Acceptance Study

The Government plans to accept the LRIP System via Material Inspection and Receiving Report, DD Form 250 at the contractor's manufacturing facilities at the MEI and LRU levels, which differs from the System acceptance now being done during SDD. Therefore, it was recommended during the PRR that acceptance of LRIP MEIs and subsequent LRU spares and R&R LRUs, will be accomplished via Material Inspection and Receiving Report, DD Form 250 acceptance at lower hardware levels with minimal effort. The System Acceptance study shall develop a concept for the process flow from MEI development to acceptance, culminating in a plan to phase-in the system acceptance via Material Inspection and Receiving Report, DD Form 250, in the span between LRIP1 and LRIP2. The process flow should consider all MEIs and candidate LRUs for the JLENS system and develop concepts for testing and Material Inspection and Receiving Report, DD Form 250 acceptance via Test Requirements/Specifications (TRSS) and Acceptance Test Procedures (ATPs). The study shall generate concept diagrams for the Special Inspection Equipment (SIE) required to achieve MEI acceptance. The Implementation Plan IAW DI-MGMT-81737 (CDRL A009) for this study shall outline the process flow and timeline for MEI acceptance; it shall also define the required SIE and outline the tests and test procedures required. The contractor shall document the study IAW DI-MISC-80508 (CDRL A015).

5.1.8 System-Level SIL Study

Three contractor SILs are being utilized for SDD: The contractor shall evaluate changes to the original concept and proposal to JLENS SDD Contract DASG60-98-C-0001. The contractor shall also study

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The study shall develop specifications for hardware and software requirements, generate block diagrams for

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The Implementation Plan IAW DI-MGMT-81737 (CDRL A009) shall generate cost and schedule estimates to implement this concept in

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support of LRIP schedule objectives, in order to provide the greatest benefit to the LRIP program at the lowest practical risk. The contractor shall document the study IAW DI-80508 (CDRL A016).

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A. CONTRACT LINE ITEM NO 1		B. EXHIBIT A	C. CATEGORY TDP TM OTHER X	
D. SYSTEM/ITEM JLENS Risk Reduction Program		E. CONTRACT/PR NO W9113M-12-C-0005		F. CONTRACTOR Raytheon
1. DATA ITEM NO A001	2. TITLE OF DATA ITEM Manhour Estimate, Technical Cost Proposal		3. SUBTITLE Implementation Phase Cost Estimates	
4. AUTHORITY (Data Acquisition Document No.) DI-FNCL-81116		5. CONTRACT REFERENCE SOW para 3.1		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD
7. DD 280 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY SEE BLOCK 16	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION a. ADDRESSEE SFAE-MSLS-CMDS-BMD b. COPIES Draft Final Reg Repo
8. APP CODE N/A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	
16. REMARKS: Block 9: Distribution P: Distribution P: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000 WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25 Blocks 10, 12, & 13: Submit on 26 October 2012. Subsequent submissions shall be submitted as required to remain current with program. Block 14 Electronic delivery of this data item IAW the SCOW paragraph 24. Notify JLENS Contracting Office Data Management CPR if [redacted] when delivery is sent. Copy of transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.				
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OMB No. 0704-0188

CONTRACT NO. **W9113M-12-C-0005**
 A B C D E F OTHER X

ILENS Risk Reduction Program
A002 Performance and Cost Report

1. CONTRACTOR
Raytheon
 2. SCHEDULE
Monthly Cost Reports
 3. REQUIRING OFFICE
SFAF-MSLS-CMDS-BMD

DI-FNCL-80912

SOW para 4.1

1.1

MONTHLY

SEE BLOCK 16

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SEE BLOCK 16

REMARKS

Block 7 - Distribution (with further dissemination only as directed by the House Music Defense Systems Project Office, SFAF-MSLS-CMDS-PEM, Redstone Arsenal, AL USDR-Code: 1211111111)

Block 11 - This document contains critical 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, as amended (Title 48, U.S.C., app. 201 et seq.). Violation of these export laws are subject to severe criminal penalties. Dissemination in accordance with provisions of DOD Directive 5230.25.

Block 11.1 - Initial submittal shall be on the 15th of the month following start day after contract award. Subsequent submissions shall be on the 15 of the month until contract end.

Block 11.1.1 - Electronic delivery of this data item (AW) by SOW paragraph 4.1. Notify ILENS Product Office Data Management (OPR) at [redacted] when deliverable is sent. Copy of transmittal must be signed elec. transmittal.

The data item shall be delivered in one or more of the MS Office or PDF format. Contributor format is acceptable.

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OMB No. 0754-0188

U.S. Risk Reduction Program W9113M-12-C-0005

CONTRACTOR
Raytheon

0003 Records of Meeting/Minutes Report

DI-ADMIN-81505

SOW para 4.1.1

ACQUISITION OFFICE
SFAE-MSLS-CMDS-BMD

SEE
BLOCK 16

SEE BLOCK 16

N/A

SEE BLOCK 16

REMARKS

As indicated by the Contract Mgmt. Office, SFAE-MSLS-CMDS-BMD, Raytheon, Contract W9113M-12-C-0005.

The following information is critical data which is reported to the DoD by the contractor under E.O. 13526, Sec. 1.752(a) and (b) of the DoD Information Security Program. The contractor is required to protect this information from unauthorized disclosure. The contractor is subject to severe criminal penalties. Dissemination of this information is prohibited under DoD Directive 5200.2.

(U) The contractor shall submit minutes of meetings, attachments, and other items within 10 days after meeting. The minutes shall include action items, recommendations, and government/contractor responsible, and required completion date. The classified material shall be submitted separately from the unclassified material. The contractor will provide approval/disapproval 10 days after receipt. The contractor shall resubmit corrected version 10 days after receipt of government comment.

The contractor shall submit completed minutes/attachments within 10 days after meeting shall be complete. The government will provide approval/disapproval 10 days after receipt. The contractor shall resubmit corrected version 5 days after receipt of government comment.

Contractor shall be acceptable.

Contractor shall be acceptable. [Redacted]

The data item shall be delivered in one or more of the MSO office or PDU format. Contractor format is acceptable.

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A. CONTRACT TITLE		B. EXHIBIT		C. DATA ORIGIN		
SYSTEM ITEM ILENS Risk Reduction Program		CONTRACT BR NO W9113M-12-C-0005		CONTRACTOR Raytheon		
DATA ITEM NO A005		TITLE OF DATA ITEM Technical Report Study/Services		SUBTITLE CWBS Change Justifications		
DI-MISC-#0500B		SOW para 4.2		SFAE-MSLS-CMDS-BMD		
APP CODE LT	AS OF DATE N/A	DATE OF SUBMISSION SEE BLOCK 16	DESCRIPTION SEE BLOCK 16			
A	F	N/A	SEE BLOCK 16	0	1	
16. REMARKS						
<p>Block 8 - The Government will provide approval/disapproval ten days after receipt. The contractor shall resubmit corrected version ten days after receipt of Government comments.</p> <p>Block 9 - Distribution - further dissemination only as directed by the Cruise Missile Defense Systems Project Office SFAE-MSLS-CMDS-49, CNL Redstone Arsenal, AT 34806-0000, 24 March 2000.</p> <p>WARNING - This document contains critical 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, as amended, Title 50 U.S.C. app. 2401 et seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5200.25.</p> <p>Blocks 12 & 13 - Initial and subsequent submittals shall be submitted as required to keep CWBS current with program.</p> <p>Block 14 - Electronic delivery of this data item IAW the SOW paragraph 4.2. Source ILENS Product Office Data Management Office. [Redacted] will deliverable is sent. Letter of transmittal must be signed electronically.</p> <p>The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.</p>						
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A. CONTRACT LINE ITEM NO. I		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X					
D. SYSTEM/ITEM JLENS Risk Reduction Program			E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. A006	2. TITLE OF DATA ITEM Contract Funds Status Report			3. SUBTITLE CFSR					
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81468			5. CONTRACT REFERENCE SOW para 4.3.1		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY N/A	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION a. ADDRESSEE SFAE/MSLS-CMDS/PE-CM				
8. APP CODE N/A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16						
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<p>Block 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000</p> <p>WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.23.</p> <p>Blocks 12, 13: Initial submission shall be 20 calendar days after the close of the first full accounting month after contract award. Subsequent submission shall be 20 calendar days after the close of each accounting month through the period of performance.</p> <p>Columns 2-10 of Blocks 12, 13, and 14 shall be headed to show a 6-month "rolling window" followed by remaining projections by FY. "Rolling window" is defined as a projection for each of the next 6 months from the reported date. This shall be followed by a projection for remaining months by FY. Reporting shall be at Level 1.</p> <p>Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically.</p> <p>Electronic data transmission shall be in XML transfer file format which is compatible with wlnsight.</p> <p>Contractor format is acceptable.</p>									
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A. CONTRACT LINE ITEM NO. 1		B. EXHIBIT A	C. CATEGORY: TDP TM OTHER X																							
D. SYSTEM/ITEM JLENS Risk Reduction Program			E. CONTRACT/PR NO.		F. CONTRACTOR																					
1. DATA ITEM NO. A007	2. TITLE OF DATA ITEM Data Accession List			3. SUBTITLE DAL																						
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81453A			5. CONTRACT REFERENCE SOW para 4.4		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD																					
7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED F	10. FREQUENCY N/A	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION																					
9. APP CODE N/A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		<table border="1"> <thead> <tr> <th colspan="2">a. ADDRESSEE</th> <th colspan="2">b. COPIES</th> </tr> <tr> <th colspan="2"></th> <th>Draft</th> <th>Final</th> </tr> <tr> <th colspan="2"></th> <th>Reg</th> <th>Repro</th> </tr> </thead> <tbody> <tr> <td colspan="2">SFAE-MSLS-CMDS-PE-CM</td> <td>0</td> <td>1</td> </tr> <tr> <td colspan="2">15. TOTAL →</td> <td>0</td> <td>1</td> </tr> </tbody> </table>		a. ADDRESSEE		b. COPIES				Draft	Final			Reg	Repro	SFAE-MSLS-CMDS-PE-CM		0	1	15. TOTAL →		0	1
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<p>Block 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000</p> <p>WARNING - This document contains critical 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, as amended, Title 30, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25.</p> <p>Blocks 12, 13: Initial submission shall be 20 calendar days after the end of the first full month after contract award. Subsequent submission shall be 20 calendar days after the end of each month through the period of performance.</p> <p>Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically.</p> <p>The data item shall be delivered in one or more of the MS Office or PDF format.</p> <p>Contractor format is acceptable.</p>																										
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A. CONTRACT LINE ITEM NO. 1			B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM JLENS Risk Reduction Program				E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A008		2. TITLE OF DATA ITEM Risk Management Plan				3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81808			5. CONTRACT REFERENCE SOW para 4.5			6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD		
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	F		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		b. COPIES		
10. REMARKS. Block 8: The Government will provide approval/disapproval within 30 days after receipt. If disapproved, the contractor shall resubmit corrected version 30 days after receipt of Government comments. Block 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000 WARNING - This document contains critical 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, as amended, Title 30, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Blocks 10, 12, 13: Initial submission shall be 60 calendar days after contract award. The contractor shall provide updates as required to remain current with program changes. Final submittal shall be 20 days before the end of the contract period of performance. Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.						a. ADDRESSEE SFAE-MSLS-CMDS-PE-CM	Draft	Final
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A. CONTRACT LINE ITEM NO. I		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X	
D. SYSTEM/ITEM JLENS Risk Reduction Program			E. CONTRACT/PR NO.		F. CONTRACTOR
1. DATA ITEM NO. A009		2. TITLE OF DATA ITEM Implementation Plan			3. SUBTITLE
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81737			5. CONTRACT REFERENCE SOW paras 5.1, 5.1.4, 5.1.6, 5.1.7 & 5.1.8		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD
7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED F	10. FREQUENCY SEE BLOCK 16	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION
8. APP CODE A		11. AG OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		
16. REMARKS:					
<p>Block 8: The Government will provide approval/disapproval within 30 days after receipt. If disapproved, the contractor shall resubmit corrected version 30 days after receipt of Government comments.</p> <p>Block 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-3000, 24 March 2000</p> <p>WARNING - This document contains critical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2731 et. seq.) or the Export Administration Act of 1979, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25.</p> <p>Blocks 10, 12, 13: Initial submissions shall be submitted 90 days after contract award.</p> <p>The contractor shall provide updates as required to remain current with program changes.</p> <p>Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically.</p> <p>The data item shall be delivered in one or more of the MS Office or PDF format.</p> <p>Contractor format is acceptable.</p>					
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A. CONTRACT LINE ITEM NO. 1		B. EXHIBIT A	C. CATEGORY: TDP TM OTHER X	
D. SYSTEM/ITEM JLENS Risk Reduction Program		E. CONTRACT/PR NO.		F. CONTRACTOR
1. DATA ITEM NO. A012	2. TITLE OF DATA ITEM Special Equipment Tools and Test Equipment List		3. SUBTITLE STE/ST	
4. AUTHORITY (Data Acquisition Document No.) DI-ILSS-80868		5. CONTRACT REFERENCE SOW para 5.1.4		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY N/A	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION a. ADDRESSEE SFAE-MSLS-CMDS-PE-CM
8. APP CODE N/A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	
16. REMARKS: Block 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000 WARNING - This document contains critical 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, as amended, Title 30, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Blocks 12 & 13: Initial submittal shall be submitted 90 days after contract award. Subsequent submittals shall be submitted as required to remain current with program. Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.				b. COPIES Draft Final Reg Regs 0 1 0
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A. CONTRACT LINE ITEM NO. 1			B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X				
D. SYSTEM/ITEM JLENS Risk Reduction Program				E. CONTRACT/P/R NO.		F. CONTRACTOR			
1. DATA ITEM NO. A013		2. TITLE OF DATA ITEM Scientific and Technical Reports Summary			3. SUSTITLE Change Notices (& Unincorporated Changes) List				
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80048			5. CONTRACT REFERENCE SOW para 5.1.5		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD				
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED F		10. FREQUENCY N/A		12. DATE OF FIRST SUBMISSION SEE BLOCK 16			
8. APP CODE N/A		11. AS OF DATE N/A		13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		14. DISTRIBUTION			
16. REMARKS: Block 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000 WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Blocks 12 & 13: Initial submittal shall be submitted 45 days after contract award. Subsequent submittals shall be submitted as required to remain current with program. Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.						a. ADDRESSEE		b. COPIES	
						Draft		Final	
						0	1	0	
15. TOTAL →						0	1	0	
G. PREPARED BY [redacted]			H. DATE 18 Jul 2011		I. APPROVED BY [redacted]		J. DATE 18 Jul 2011		

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE
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CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

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 Printing Office for Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO. 1		B. EXHIBIT A	C. CATEGORY: TDP TM OTHER X	
D. SYSTEM/ITEM JLENS Risk Reduction Program		E. CONTRACT/PR NO.		F. CONTRACTOR
1. DATA ITEM NO. A014	2. TITLE OF DATA ITEM Technical Report - Study/Services		3. SUBTITLE Environmental Control Unit Improvement Study	
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508B		5. CONTRACT REFERENCE SOW para 5.1.6		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD
7. DD 260 REQ LT	8. APP CODE A	9. ROIST STATEMENT REQUIRED F	10. FREQUENCY N/A	11. AS OF DATE N/A
		12. DATE OF FIRST SUBMISSION SEE BLOCK 16	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	
14. DISTRIBUTION		a. ADDRESSEE		
		b. COPIES		
		Draft		
		Final		
		Reg		
		Repro		
16. REMARKS:		SFAE-MSLS-CMDS-PE-CM		
<p>Block 8: The Government will provide approval/disapproval 20 days after receipt. The contractor shall resubmit corrected version 20 days after receipt of Government comments.</p> <p>Block 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000</p> <p>WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25.</p> <p>Blocks 12 & 13: Initial submittal shall be submitted 90 days after contract award. Subsequent submittals shall be submitted as required to remain current with program.</p> <p>Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically.</p> <p>The data item shall be delivered in one or more of the MS Office or PDF format.</p> <p>Contractor format is acceptable. The subject report shall include technical design information and life-cycle cost impacts (including a production cost estimate).</p>		0 1 0		
15. TOTAL		0 1 0		
G. PREPARED BY		H. DATE	I. APPROVED BY	
[redacted]		29 Jul 2011	[redacted]	
		J. DATE		
		29 Jul 2011		

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE
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CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

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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 reviewing 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 Printing Contracting Office for Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO. 1		B. EXHIBIT A	C. CATEGORY: TDP TM OTHER X															
D. SYSTEM/ITEM JLENS Risk Reduction Program		E. CONTRACT/PR NO.		F. CONTRACTOR														
1. DATA ITEM NO. A015	2. TITLE OF DATA ITEM Technical Report - Study/Services		3. SUBTITLE System Acceptance Study															
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508B		5. CONTRACT REFERENCE SOW para 5.1.7		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD														
7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED F	9. FREQUENCY N/A	10. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION a. ADDRESSEE SFAE-MSLS-CMDS-PE-CM														
11. AS OF DATE N/A	12. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	b. COPIES																
16. REMARKS: Block 8: The Government will provide approval/disapproval 20 days after receipt. The contractor shall resubmit corrected version 20 days after receipt of Government comments. Block 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000 WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Blocks 12 & 13: Initial submittal shall be submitted 120 days after contract award. Subsequent submittals shall be submitted as required to remain current with program. Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.		<table border="1"> <thead> <tr> <th rowspan="2">Draft</th> <th colspan="2">Final</th> </tr> <tr> <th>Req</th> <th>Pages</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>1</td> <td>0</td> </tr> <tr> <td colspan="3">15. TOTAL →</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> </tr> </tbody> </table>			Draft	Final		Req	Pages	0	1	0	15. TOTAL →			0	1	0
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CONTRACT DATA REQUIREMENTS LIST
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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 reviewing 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 the Department of Defense, Washington Headquarters Service, 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 Contract P/R No. listed in Block 6.

A. CONTRACT LINE ITEM NO. 1		B. EXHIBIT A	C. CATEGORY: TDP TM OTHER X		
D. SYSTEM ITEM JLENS Risk Reduction Program		E. CONTRACT/P/R NO.	F. CONTRACTOR		
1. DATA ITEM NO. A016	2. TITLE OF DATA ITEM Technical Report - Study/Services		3. SUBTITLE System Level SIL Study		
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508B		5. CONTRACT REFERENCE SOW para 5.1.8		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD	
7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED F	10. FREQUENCY N/A	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		
9. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		14. DISTRIBUTION	
16. REMARKS: Block 8: The Government will provide approval/disapproval 20 days after receipt. The contractor shall resubmit corrected version 20 days after receipt of Government comments. Block 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM. Redstone Arsenal, AL 35898-5000, 24 March 2000 WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Blocks 12 & 13: Initial submittal shall be submitted 120 days after contract award. Subsequent submittals shall be submitted as required to remain current with program. Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.		a. ADDRESSEE SFAE-MSLS-CMDS-PE-CM		b. COPIES	
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				J. DATE 29 Jul 2011	

17. PRICE GROUP

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CONTRACT DATA REQUIREMENTS LIST
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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 in either of these addresses. Send completed form to the Government Printing Contracting Office for Contract PFR No. 5646 in Block E.

A. CONTRACT LINE ITEM NO. I		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X	
D. SYSTEM/ITEM JLENS Risk Reduction Program			E. CONTRACT/PFR NO.		F. CONTRACTOR
1. DATA ITEM NO. A017		2. TITLE OF DATA ITEM Technical Report -- Study/Services		3. SUBTITLE Document Reproduction	
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508B			5. CONTRACT REFERENCE SOW para 4.4		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY N/A	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION	
8. APP CODE N/A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	b. COPIES	
16. REMARKS: Block 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000 WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Blocks 12 & 13: Submittal shall be submitted no later than 7 days after Government request. Subsequent submittals shall be submitted as required to remain current with program. Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.				a. ADDRESSEE	
				SFAE-MSLS-CMDS-PE-CM	
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G. PREPARED BY		H. DATE 18 Jul 2011		I. APPROVED BY	
[redacted]		[redacted]		J. DATE 18 Jul 2011	

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CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

Please reporting burden for this collection of information is estimated to average 10 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 non-related forms to the Government using Contracting Officer for Contract/PR No. listed in block 6.

A. CONTRACT LINE ITEM NO. 1		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X					
D. SYSTEM/ITEM JLENS Risk Reduction Program			E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. A018		2. TITLE OF DATA ITEM Presentation Material		3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-91373			5. CONTRACT REFERENCE SOW para 4.1.1		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD				
7. DO 260 REQ LT	8. DIRT STATEMENT REQUIRED F	10. FREQUENCY SEE BLOCK 16	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION					
9. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	a. ADDRESSEE		b. COPIES				
16. REMARKS: Block 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000 WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Blk 8,10,12&13: The contractor shall submit presented material within 7 days after meeting completion. The classified material shall be submitted separately from the unclassified material. The Government will provide approval/disapproval 5 days after receipt. The contractor shall resubmit corrected version 5 days after receipt of Government comments. Contractor format is acceptable. Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.			SFAE MSLS CMDS PE CM		0	1	0		
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G. PREPARED BY	H. DATE 18 Jul 2011	I. APPROVED BY	J. DATE 18 Jul 2011
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DD Form 1423-1, 1 Jun 90

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**DOCUMENT SUMMARY LIST
FOR THE
JLENS RISK REDUCTION PROGRAM**
(Joint Land-Attack-Cruise-Missile-Defense Elevated Netted Sensor System)

DOCUMENT NUMBER	TITLE	DATE/CATEGORY
1. DI-FNCL-81116 (DI# A001)	Manhour Estimate, Technical Cost Proposal	19 Dec 90 Cat. 1
2. DI-FNCL-80912 (DI # A002)	Performance and Cost Report (Monthly Cost Reports)	6 Oct 89 Cat. 1
3. DI-ADMN-81505 (DI # A003)	Records of Meeting/Minutes Report	20 Nov 95 Cat. 1
4. DI-MGMT-81334D (DI # A004)	Contractor Work Breakdown Structure (CWBS)	18 May 11 Cat. 1
5. DI-MISC-80508B (DI # A005)	Technical Report-Study/Services (CWBS Change Justifications)	14 Nov 06 Cat. 1
6. DI-MGMT-81468 (DI # A006)	Contract Funds Status Report	19 Oct 95 Cat. 1
7. DI-MGMT-81453A (DI # A007)	Data Accession List (DAL)	27 Sep 07 Cat. 1
8. DI-MGMT-81808 (DI # A008)	Contractor's Risk Management Plan	21 Apr 10 Cat. 1
9. DI-MGMT-81737 (DI # A009)	Implementation Plan	15 Feb 07 Cat. 1
10. DI-MISC-80508B (DI # A010)	Technical Report-Study/Services (Affordability Improvement Study)	14 Nov 06 Cat. 1
11. DI-MISC-80508B (DI # A011)	Technical Report-Study/Services (Obsolescence Management Study)	14 Nov 06 Cat. 1
12. DI-ILSS-80868 (DI # A012)	Special Equipment Tools and Test Equipment List (ST/STE List)	29 Jun 89 Cat. 1
13. DI-MISC-80048 (DI # A013)	Scientific and Technical Reports Summary Change Notices (& Unincorporated Changes) List	11 Sep 85 Cat. 1

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|-----|-------------------------------|--|---------------------|
| 14. | DI-MISC-80508B
(DI # A014) | Technical Report-Study/Services
(Environmental Control Unit
Improvement Study) | 14 Nov 06
Cat. 1 |
| 15. | DI-MISC-80508B
(DI # A015) | Technical Report-Study/Services
(System Acceptance Study) | 14 Nov 06
Cat. 1 |
| 16. | DI-MISC-80508B
(DI # A016) | Technical Report-Study/Services
(System Level SIL Study) | 14 Nov 06
Cat. 1 |
| 17. | DI-MISC-80508B
(DI # A017) | Technical Report-Study/Services
(Documentation Reproduction) | 14 Nov 06
Cat. 1 |
| 18. | DI-ADMIN-81373
(DI # A018) | Presentation Material | 1 Oct 93
Cat. 1 |

DEPARTMENT OF DEFENSE CONTRACT SPECIFICATION		1. CLEARANCE AND SAFEGUARDING	
(The requirements of the DoD Industrial Security Manual apply to all aspects of this effort)		2. FACTORY CLEARANCE REQUIRED	
		3. SAFEGUARDING REQUIRED	
2. THIS SPECIFICATION IS FOR: (X and complete as applicable)		3. THIS SPECIFICATION IS: (X and complete as applicable)	
<input checked="" type="checkbox"/> a. PRIME CONTRACT NUMBER W9113M-12-C-0005	<input checked="" type="checkbox"/> b. ORIGINAL (Complete date if not used) Date (YYYYMMDD) 20111026	<input type="checkbox"/> c. REVISED (Supersedees of previous specs) Revision No.	Date (YYYYMMDD)
<input type="checkbox"/> d. SUBCONTRACT NUMBER	<input type="checkbox"/> c. FINAL (Complete item 5 and 6 cases) Date (YYYYMMDD)	<input type="checkbox"/> e. SOLICITATION OR OTHER NUMBER W9113M-12-R-0003	Due Date (YYYYMMDD) 17 Oct 2011
4. IS THIS A FOLLOW-ON CONTRACT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If Yes complete the following Classified material received or generated under _____ (Preceding Contract Number) is transferred to this follow-on contract			
5. IS THIS A FINAL DD FORM 254? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If Yes complete the following In response to the contractor's request dated _____, retention of the identified classified material is authorized for the period of _____.			
6. CONTRACTOR (Include Commercial and Government Entity (CAGE) Code)			
a. NAME, ADDRESS AND ZIP CODE Raytheon Company Integrated Defense Systems 150 Lowell Street Andover, MA 01810-4400	b. CAGE CODE 05716	c. CONTRACT SECURITY OFFICE (Name, Address, and Zip Code) Defense Security Service Andover Field Office 1 Tech Drive, Suite 330 Andover, MA 01810-2452	
7. SUBCONTRACTOR			
a. NAME, ADDRESS, AND ZIP CODE	b. CAGE CODE	c. CONTRACT SECURITY OFFICES (Name, Address, and Zip Code)	
8. ACTUAL PERFORMANCE			
a. LOCATION Same as Block 6a and secondary Test Sites as directed by JLENS Product Office	b. CAGE CODE	c. CONTRACT SECURITY OFFICE (Name, Address, and Zip Code)	
9. GENERAL IDENTIFICATION OF THIS PROCUREMENT System Development and Demonstration (SDD) for the Joint Land Attack Cruise Missile Defense Elevated Netted Sensor (JLENS) Systems Product Office.			
10. THIS CONTRACT WILL REQUIRE ACCESS TO:		11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:	
a. COMBINATION SECURITY (COMSEC) INFORMATION	YES NO	a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY	YES NO
b. RESTRICTED DATA		b. RECEIVE CLASSIFIED DOCUMENTS ONLY	
c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION		c. RECEIVE AND GENERATE CLASSIFIED MATERIAL	
d. FORMERLY RESTRICTED DATA		d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE	
e. INTELLIGENCE INFORMATION		e. PERFORM SERVICES ONLY	
(1) Sensitive Compartmented Information (SCI)		f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES	
(2) Non-SCI		g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER	
f. SPECIAL ACCESS INFORMATION		h. REQUIRE A COMSEC ACCOUNT	
g. NATO INFORMATION		i. HAVE A TEMPET REQUIREMENT	
h. FOREIGN GOVERNMENT INFORMATION		j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS	
i. LIMITED DISSEMINATION INFORMATION		k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE	
j. FOR OFFICIAL USE ONLY INFORMATION		l. OTHER (Specify):	
k. OTHER (Specify) See Block 13 Continuation Sheet		See Block 13 Continuation Sheet	

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DD Form 254, DEC 1999

Previous editions are obsolete

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12. PUBLIC RELEASE Are all information contained herein being furnished to the public by the Department of Defense under the provisions of the Freedom of Information Act? Yes No

Commander
 USAAMCOM, Office of Public and Congressional Affairs
 ATTN: AAMSAM-PC
 Redstone Arsenal 35895

13. SECURITY SUBSTANCE The security classification guidance hereby is applied to the information contained herein in accordance with the provisions of the Executive Order 12958, as amended, and the Department of Defense Security Manual. The information contained herein is classified "TOP SECRET" and is controlled under the provisions of the Department of Defense Security Manual. The information contained herein is controlled under the provisions of the Department of Defense Security Manual.

14. ADDITIONAL SECURITY REQUIREMENTS The information contained herein is controlled under the provisions of the Department of Defense Security Manual. The information contained herein is controlled under the provisions of the Department of Defense Security Manual.

15. INSPECTIONS The information contained herein is controlled under the provisions of the Department of Defense Security Manual. The information contained herein is controlled under the provisions of the Department of Defense Security Manual.

16. CERTIFICATION AND SIGNATURE Security requirements stated herein are complete and adequate for safeguarding the classified information on this document as generated under this classified effort. All questions shall be referred to the official named below.

1. TYPED NAME OF OFFICIAL AND TITLE: [Redacted] J.ENS Program Security Officer
 C.MDS Project Office, P.O. Box 1000 and Space [Redacted]

2. ADDRESS (Include ZIP Code)
 C.MDS Project Office
 ATTN: SFAB-MSLS-C.MDS-ILN-SU
 Bldg 5306, Room 3030
 Redstone Arsenal, AL 35895-5000

17. REQUIRED DISTRIBUTION

<input checked="" type="checkbox"/>	1. ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
<input type="checkbox"/>	2. ALL INFORMATION CONTAINED HEREIN IS CLASSIFIED
<input checked="" type="checkbox"/>	3. ALL INFORMATION CONTAINED HEREIN IS CONTROLLED UNDER THE PROVISIONS OF THE DEPARTMENT OF DEFENSE SECURITY MANUAL
<input checked="" type="checkbox"/>	4. ALL INFORMATION CONTAINED HEREIN IS CONTROLLED UNDER THE PROVISIONS OF THE DEPARTMENT OF DEFENSE SECURITY MANUAL
<input checked="" type="checkbox"/>	5. ALL INFORMATION CONTAINED HEREIN IS CONTROLLED UNDER THE PROVISIONS OF THE DEPARTMENT OF DEFENSE SECURITY MANUAL

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Contract # W9113M-12-C-0005

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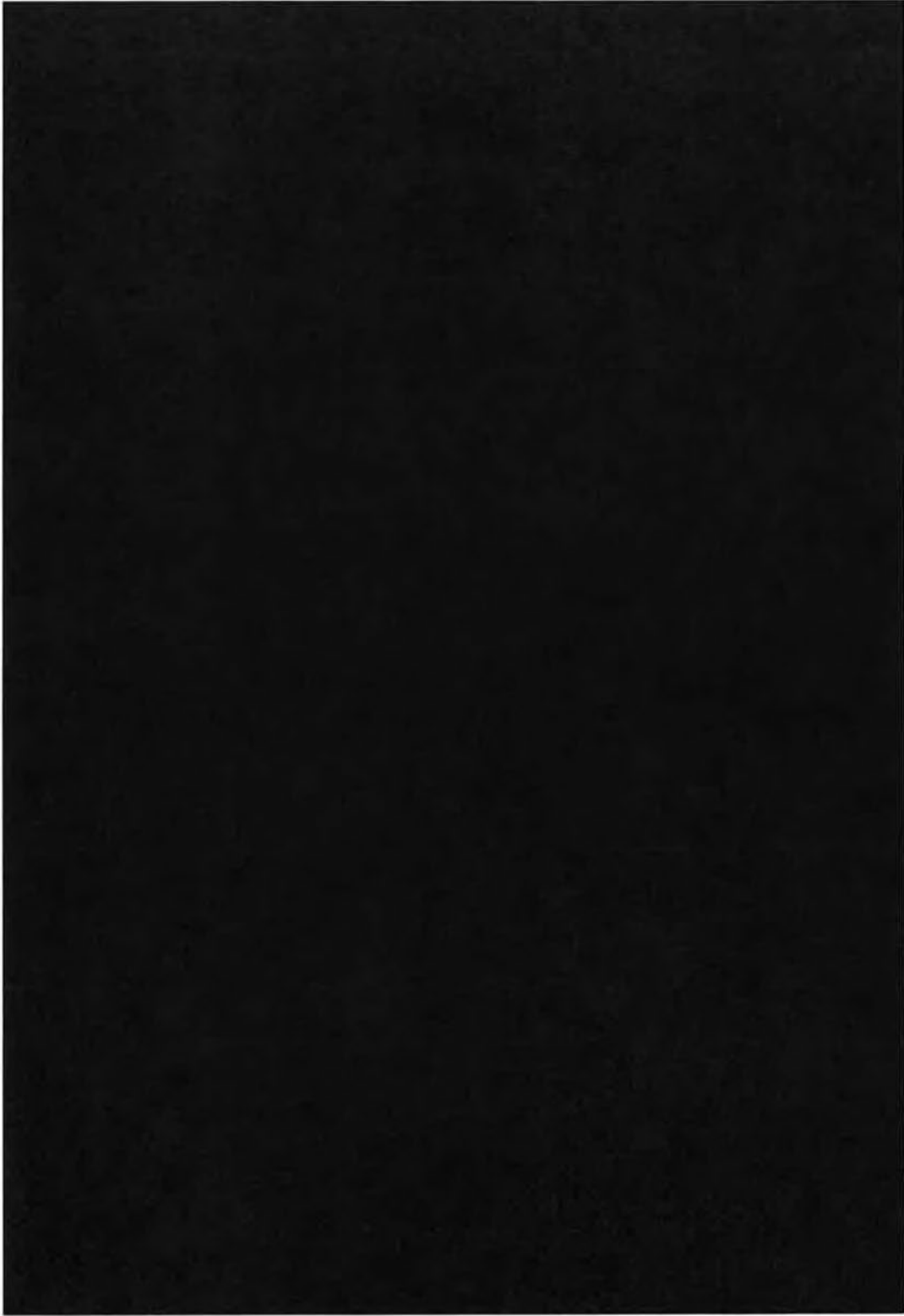


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JLENS Program Security Manager
Cruise Missile Defense System
Project Office



000066



(b)(7)(E)

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(b)(7) (E)



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(b)(7)(E)

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SFAE-MSLS-CMDS-JLN

[Redacted]

(b)(7)(E)

[Redacted]

(b)(6)

encls

1. COSR
2. DDF-254 (plus encls)
3. SOW

[Redacted]

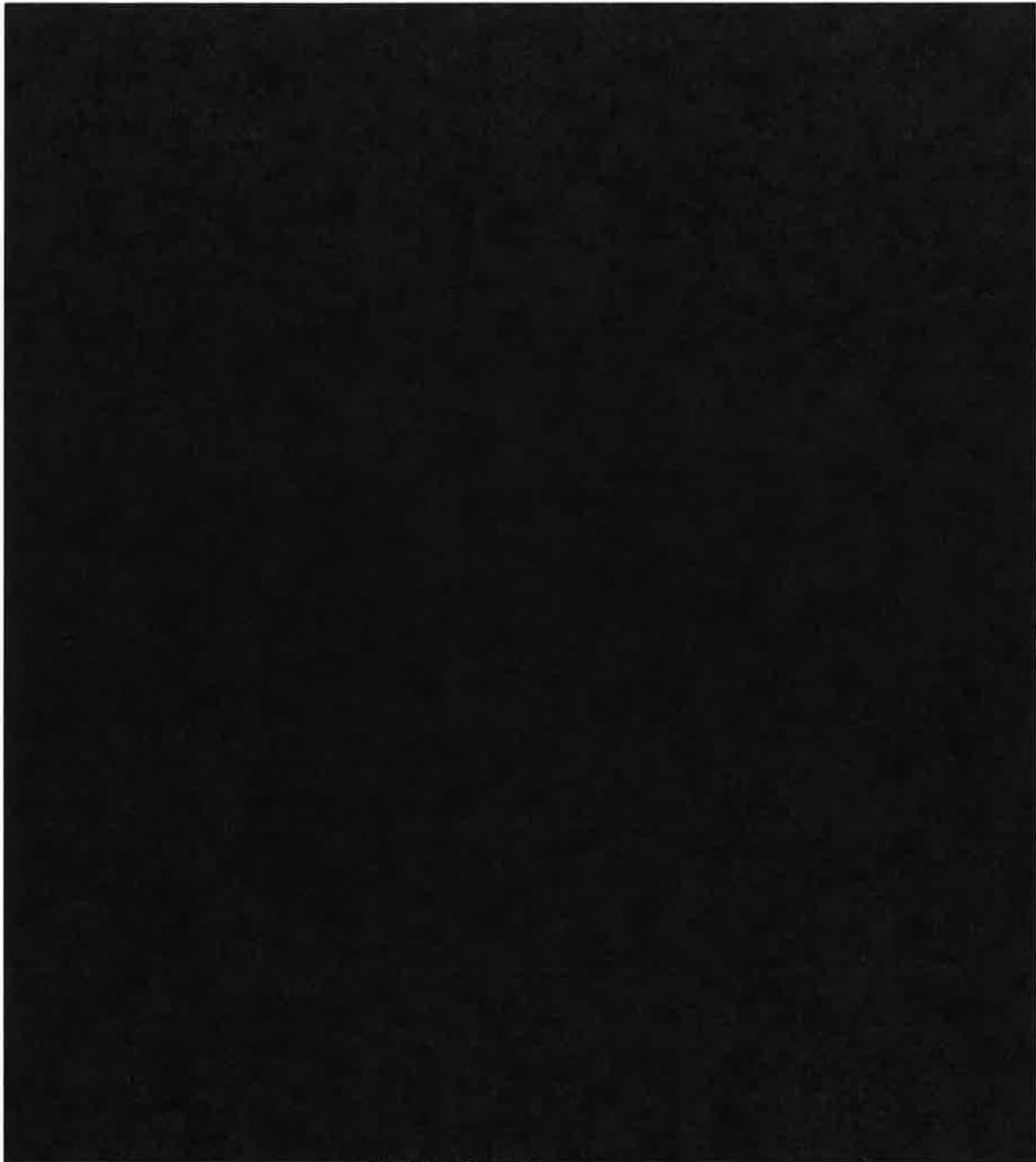
(b)(7)(E)

[Redacted]

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CONTRACTING OFFICER STATEMENT OF RESPONSIBILITY (COSR)



(b)(6)

(b)(7) (E)

(b)(7) (E)

(b)(6)

(b)(7) (E)

(b)(7) (E)

(b)(6)

(b)(7) (E)

(b)(6)

Contracting Officer

000071

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE U	PAGE OF PAGES 1 6
2. AMENDMENT/MODIFICATION NO. PZ0001	3. EFFECTIVE DATE 28 SEP 12	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)
6. ISSUED BY USAS/DC/ARSTRAT SMDC-RDC PO BOX 1500 HUNTSVILLE AL 35807-3601	CODE W9113M	7. ADMINISTERED BY (If other than item 6) DCMA RAYTHEON 50 APPLE HILL DRIVE MS T8FR2 TEWKSBURY MA 01876		CODE S2205A
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) RAYTHEON COMPANY 350 LOWELL ST ANDOVER MA 01810-4400			9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
			X 10A. MOD. OF CONTRACT/ORDER NO. W9113M-12-C-0005	
			X 10B. DATED (SEE ITEM 13) 09-Nov-2011	
CODE 05716		FACILITY CODE		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<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) See Schedule				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT 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).				
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 10 U.S.C. 2304(c)(1) and FAR 6.302-1				
D. OTHER (Specify type of modification and authority)				
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: [REDACTED] See Continuation Page.				
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 CONTRACTOR (Type or print) [REDACTED]		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) [REDACTED]		
15B. DATE SIGNED 9/28/12		16B. DATE SIGNED 28 Sep 12		16C. DATE SIGNED
BY: [REDACTED]		BY: [REDACTED] (Signature of Contracting Officer)		

(b)(6)

(b)(6)

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SECTION SF 30 BLOCK 14 CONTINUATION PAGE

PURPOSE

1. The purpose of this modification is to definitize Letter Contract W9113M-12-C-0005 and provide additional incremental funding for FY12 in the amount of \$1,570,930 to fully fund the contract.
2. SubCLIN 000106 is hereby added to provide incremental funding in the amount of \$1,570,930.
3. All other terms and conditions remain unchanged.
4. The POC for this action is [REDACTED]

(b)(4)

SUMMARY OF CHANGES

SECTION A - SOLICITATION/CONTRACT FORM

The total cost of this contract was decreased by \$1,016,094.00 from \$9,495,200.00 to \$8,479,106.00.

The following have been deleted:

A01 LETTER CONTRACT OCT 2001

SECTION B - SUPPLIES OR SERVICES AND PRICES

CLIN 0001

The estimated/max cost has decreased by [REDACTED] from [REDACTED] to [REDACTED].
 The pricing detail quantity [REDACTED] 00 has been added.
 The fixed fee has increased by [REDACTED] from [REDACTED] to [REDACTED].
 The cost constraint NTE has been deleted.
 The total cost of this line item has decreased by \$1,016,094.00 from \$9,495,200.00 to \$8,479,106.00.

(b)(4)
 (b)(4)

SUBCLIN 000105

The CLIN description Funding for CLIN 0001 has been added.

SUBCLIN 000106 is added as follows:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000106	Funding for CLIN 0001				\$0.00
	CPFF				
	FOB: Destination				
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AB				\$1,570,930.00
	CIN: GFEBS001017819300004				

The following have been modified:

000073

LEVEL OF EFFORT:

a. In the performance of CLINs 0001/0002 of this contract, the contractor shall provide direct productive person hours (DPPH) level of effort, as set forth below, within the time period as set forth in Section F-1 hereof:

<u>LABOR CATEGORY</u>	<u>DIRECT PRODUCTIVE PERSON HOURS LEVEL OF EFFORT</u>
Engineering and Support, CLINs 0001/0002	 (b)(4)

b. DPPH are defined as prime contractor, consultant, and subcontractor actual direct labor hours exclusive of vacation, holiday, sick leave, and other absences.

c. In accordance with FAR 16.306(d)(2), entitlement to the total fixed fee is subject to the certification by the contractor to the Administrative Contracting Officer that he has exerted the DPPH level of effort as specified in B-3.a. above in performing the work called for, has provided the reports called for, and the effort performed and reports provided are considered satisfactory by the Government.

SECTION E - INSPECTION AND ACCEPTANCE

The following Acceptance/Inspection Schedule was added for SUBCLIN 000106:

<u>INSPECT AT</u>	<u>INSPECT BY</u>	<u>ACCEPT AT</u>	<u>ACCEPT BY</u>
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 \$1,570,930.00 from \$6,908,176.00 to \$8,479,106.00.

SUBCLIN 000106:

Funding on SUBCLIN 000106 is initiated as follows:

ACRN: AB

CIN: GFEB001017819300004

Acctg Data: 02120122013204000001171722550030003242A.0000013.1.1 6100.9000021001

Increase: \$1,570,930.00

Total: \$1,570,930.00

Cost Code: A5XFJ

The following have been added by reference:

52.215-16 Facilities Capital Cost of Money JUN 2003

000074 -

252.204-7006 Billing Instructions

OCT 2005

The following have been modified:

IMPLEMENTATION OF AND EXPLANATION OF THE RELATIONSHIP OF THE LIMITATION OF FUNDS (LOF) CLAUSE TO FEE OBLIGATIONS: The amount of funds estimated to be required for full performance, including fee(s); the amount of funds allotted pursuant to the Contract Clause hereof entitled, Limitations of Funds; the amount of funds currently obligated for fee; and the estimated period of performance covered by the funds allotted are set forth below. Amounts obligated for fee are separate from and are not to be commingled with the amounts allotted for costs and are not available to the contractor to cover costs in excess of those allotted to the contract for cost.

CLINs 0001/0002:

(1) Amount Required for Full Funding, Including Fee(s):	\$8,479,106
(2) Amount Allotted Under the LOF Clause for Payment of Costs:	[REDACTED]
(3) Amount Separately Obligated for Payment of Fee:	[REDACTED]
(4) Total Amount Allotted and Obligated:	\$8,479,106
(5) Net Amount Required for Full Funding:	\$ 0

(b)(4)

The following have been deleted:

G01A Invoicing Instructions

JAN 2010

SECTION H - SPECIAL CONTRACT REQUIREMENTS

The following have been added by full text:

DATA SHARING

The JLENS Product Office (JPO) provides approval authorization to allow Raytheon Integrated Defense Systems (IDS) to transfer data to include technical data and software between Contracts DASG60-98-C-0001, W31P4Q-10-C-0003, and W9113M-12-C-0005, as required to support the JLENS program, on a rent-free, non-interference basis.

SECTION I - CONTRACT CLAUSES

The following have been added by reference:

52.204-99 (Dev)	System for Award Management Registration (Deviation)	AUG 2012
52.215-11	Price Reduction for Defective Certified Cost or Pricing Data-- Modifications	AUG 2011
52.215-13	Subcontractor Certified Cost or Pricing Data--Modifications	OCT 2010
52.215-16	Facilities Capital Cost of Money	JUN 2003
52.215-21	Requirements for Certified Cost or Pricing Data or Information Other Than Certified Cost or Pricing Data--	OCT 2010

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	Modifications	
52.229-3	Federal, State And Local Taxes	APR 2003
52.232-99 (Dev)	Providing Accelerated Payment to Small Business Subcontractors (Deviation)	AUG 2012
52.233-2	Service Of Protest	SEP 2006
52.246-5	Inspection Of Services Cost-Reimbursement	APR 1984
52.246-25	Limitation Of Liability--Services	FEB 1997
52.247-34	F.O.B. Destination	NOV 1991
252.209-7998 (Dev)	Representation Regarding Conviction of a Felony Criminal Violation under any Federal or State Law	MAR 2012

The following have been deleted:

52.204-7	Central Contractor Registration	APR 2008
52.215-17	Waiver of Facilities Capital Cost of Money	OCT 1997
52.215-21	Requirements for Certified Cost or Pricing Data or Information Other Than Certified Cost or Pricing Data-- Modifications	OCT 2010
52.216-23	Execution And Commencement Of Work	APR 1984
52.216-24	Limitation Of Government Liability	APR 1984
52.216-26	Payments Of Allowable Costs Before Definitization	DEC 2002
252.204-7004 Alt A	Central Contractor Registration Alternate A	SEP 2007
252.209-7004	Subcontracting With Firms That Are Owned or Controlled By The Government of a Terrorist Country	DEC 2006
252.217-7027	Contract Definitization	OCT 1998
252.235-7011	Final Scientific or Technical Report	NOV 2004

SECTION J - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

The following have been modified:

PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J - LIST OF ATTACHMENTS

<u>TITLE</u>	<u>DATE</u>	<u># OF PAGES</u>
Scope of Work, Revision 00, entitled "Joint Land Cruise Missile Defense Elevated Netted Sensor (JELSN) Risk Reduction Program (RRP) Study Phase"	06 Sep 11	9 Attack
Scope of Work, Revision 01, entitled "Joint Land Cruise Missile Defense Elevated Netted Sensor (JELSN) Risk Reduction Program (RRP) Study Phase" (Added per Modification PZ0001)	05 Sep 12	8 Attack
Contract Data Requirements List (DD Form 1423) , Exhibit A, A001 – A018, with Document Summary List	20 Jul 11	20
Contract Data Requirements List (DD Form 1423) Exhibit A, A001 – A018 (less A008) , with	12 Sep 12	16

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**Document Summary List
(Added per Modification PZ0001)**

Contract Security Classification Specification Form 254)	26 Oct 11	26 (DD)
Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) Product Office, System Development and Demonstration (SDD), Security Classification Guide (SCG), hereby incorporated by reference	01 May 09	
Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) SDD Security Classification Guide Classified Appendix, hereby incorporated by reference	01 May 09	
Identification and Assertion of Restrictions on the Government's Use, Release, or Disclosure of Noncommercial Technical Data and Noncommercial Computer Software and Noncommercial Computer Software Documentation	27 Sep 12	2
Technical Data or Computer Software Previously Delivered to the Government (DFARS 252-227-7028)	RESERVED	
Raytheon Comprehensive Small Business Subcontracting Plan, hereby incorporated by reference	29 Sep 11	24
Contractor's Representations and Certifications, hereby incorporated by reference		

(End of Summary of Changes)

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JOINT LAND ATTACK CRUISE MISSILE DEFENSE ELEVATED NETTED SENSOR SYSTEM (JLENS)



JLENS Risk Reduction Program Study Phase Statement Of Work

5 September 2012
Revision 01

DISTRIBUTION STATEMENT F – Further dissemination only as directed by the Cruise Missile Defense Office (CMDS) Project Office, JLENS Product Office, ATTN: SFAE-CMDS-JLN, Bldg 5308, 2nd Floor, Redstone Arsenal, AL 35898.

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DESTRUCTION NOTICE - For classified documents, follow the procedures in DOD 5200.22-M, National Industrial Security Program Operating Manual (NISPOM), Chapter 5, Section 7, or DOD 5200.1-R, Information Security Program Regulation, Chapter IX. For unclassified, limited documents, destroy by any method that will prevent disclosure of contents or reconstruction of the document.

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1.0 INTRODUCTION

1.1 Objectives

The primary objectives of the Joint Land Attack Cruise Missile Elevated Netted Sensor System (JLENS) Risk Reduction Program (RRP) is to build upon the System Development and Demonstration (SDD) Technical Data Package (TDP) and Manufacturing Data Package (MDP) to provide a more affordable product, with reduced manufacturing cycle times, a mature supplier and subcontractor base, and a minimum number of obsolete components. These provisions are intended to minimize the risks the SDD product currently presents to the planned JLENS Exercise, Low Rate Initial Production (LRIP), and Full Rate Production programs and maximize the opportunities available to them.

1.2 Scope

This Statement of Work (SOW) defines the tasks to be performed during the Study Phase of the RRP. The objective of the RRP is to perform engineering tasks which are not part of the current SDD contract, but can be conducted prior to the planned JLENS Exercise (as noted in Section 5.1.2) and LRIP #1 contract award. These tasks will ensure the planned JLENS Exercise and LRIP #1 material procurement and manufacturing can meet critical planned JLENS Exercise and LRIP schedule milestones with minimum technical, cost and schedule risk. The RRP tasks described were recommended during the JLENS Production Readiness Review (PRR) conducted in November 2010. It is also an objective of the RRP to improve product affordability. The two Orbits produced during SDD are the first units manufactured and tested on the JLENS program. There were lessons learned during the manufacture of the SDD system that can be addressed during the RRP to retain performance and make the product more affordable. Changes due to lessons learned will be applied to the Major End Items (MEIs) to improve manufacturing and test cycle times.

[REDACTED] (b)(3)

[REDACTED] (b)(3)

[REDACTED] Subcontractors and suppliers will also be (b)(3)
qualified by the contractor to minimize risks and improve product affordability for LRIP. [REDACTED]

[REDACTED] (b)(3)

[REDACTED] (b)(3)

2.0 APPLICABLE DOCUMENTS

All top-level documents are listed in the Document Summary List (DSL) by number, title, and date. The document versions specified on the DSL take precedence over the generic references (without revision letters) cited in the SOW.

3.0 REQUIREMENTS

3.1 Study Phase

During the Study Phase of the RRP, as defined in this SOW, the contractor shall conduct trade-offs to explore prospective improvements which will provide the best opportunities for LRIP in terms of producibility, affordability, cycle time reduction and minimum risks. During this phase, the contractor shall make a recommendation as to which improvements discussed during the PRR should be incorporated into the SDD product/process design and potentially modify the LRIP baseline. The contractor shall conduct

each study in the RRP in an integrated, cross-discipline approach to assure that any synergies that may exist across each study area are captured and reflected in the resulting implementation plans. The findings of each study will be evaluated for opportunities to consolidate mitigation actions across study areas to form a set of cohesive, coordinated, cost-effective implementation proposals. The contractor shall provide a detailed cost estimate for all work to be conducted during the planned RRP Implementation Phase associated with the conclusions proposed during the RRP Study in accordance with (IAW) DI-FNCL-81116 (Contract Data Requirements List (CDRL) A001).

The specific studies to be pursued are:

- Affordability Improvement Study
- [REDACTED]
- Obsolescence Management Studies
- ST/STE Study
- CN Incorporation Study
- Environmental Improvements Study
- System Acceptance Study
- System-Level SIL Study

(b)(3)

The contractor shall:

- Identify cost reductions for the program through redesign and manufacturing improvements by establishing Design to Unit Cost objectives in all hardware areas.
- Perform process preservation which includes Work Instructions and MDP.
- Identify risks to LRIP production start and mitigation strategies.
- Develop cost estimates for the implementation of the study conclusions.

4.0 INTEGRATED PROGRAM MANAGEMENT

4.1 Integrated Cost, Schedule and Technical Performance Management

The contractor shall utilize their internal performance management system to plan, schedule, budget, monitor, manage and report cost, schedule and technical status applicable to the contract. The contractor's internal performance management system shall serve as the single, formal, integrated system that meets both the contractor's internal management requirements and the requirements of the Government for timely, reliable and auditable performance information. The contractor shall flow down reporting requirements to major subcontractors and Intra-Organizational Transfers (IOTs) based on risk, schedule criticality and dollar value that have the potential to impact the successful completion of the program. The contractor shall relate performance and cost report in accordance with (IAW) DI-FNCL-80912 (CDRL A002).

4.1.1 Program Reviews - Contractor/Government

The contractor shall conduct program reviews addressing technical performance, risk, cost, technical and schedule progress, program status and issues that could affect program execution. The contractor shall relate technical accomplishment to cost and schedule using internal earned value and the Integrated Master Schedule during program reviews. Two program reviews shall take place, one at the mid-point of the period

of performance (POP) of this contract or as otherwise agreed upon between the Government and Raytheon and one prior to contract completion. These meetings shall last one day and be held at the contractor's facility. The contractor shall prepare and deliver minutes, attendees and action items IAW DI-ADMN-81505 (CDRL A003). The contractor shall prepare and deliver program review presentation charts IAW DI-ADMN-81373 (CDRL A018).

4.2 Contract Work Breakdown Structure

The contractor shall develop, implement and maintain a Contract Work Breakdown Structure (CWBS) and CWBS Dictionary IAW DI-MGMT-81334 (CDRL A004) to the lowest level at which work is performed. The contractor shall use the CWBS as the primary framework for planning, monitoring, budgeting, controlling and reporting the status of program cost, schedules and technical performance. The contractor shall update the CWBS during the execution of the contract. The contractor shall submit justifications for proposed changes to CWBS IAW DI-MISC-80508 (CDRL A005).

4.3 Cost Reporting

4.3.1 Integrated Program Management Reporting

The contractor shall report cost data to the CWBS elements. The contractor shall prepare a Contract Funds Status Report (CFSR) IAW DI-MGMT-81468 (CDRL A006).

4.4 Data Management

The contractor shall implement the data management process from the JLENS SDD Contract DASG60-98-C-0001 that shall reproduce, catalog, store, and deliver data items. The contractor shall make available technical and programmatic data as requested by the Government. [REDACTED]

(b)(3)

[REDACTED] The contractor shall use the Government unclassified [REDACTED] Portal for delivery of unclassified data. The contractor shall notify the Government Point of Contact (POC) designated on the corresponding CDRL via email when data is posted to the classified repository and the unclassified [REDACTED]. The contractor shall include the filename and path to the posted data in the email. The Government POC designated on the corresponding CDRL will provide notification of CDRL receipt to the contractor via email. The contractor shall deliver data that is usable on personal computers using Microsoft Windows Operating System, Microsoft Office Application Programs and other common application programs and formats such as Adobe Portable Document Format (PDF) and Extensible Markup Language (XML) files. Data not appropriate for access via Microsoft Windows applications, such as software, shall be delivered in its native format via compact disc (CD) or digital versatile disk (DVD). The contractor shall ensure electronic deliveries are free from viruses. The contractor shall provide a Data Accession List IAW DI-MGMT-81453 (CDRL A007) to the Government. The contractor shall provide a copy of data generated under this contract IAW DI-MISC-80508 (CDRL A017) at the cost of reproduction only.

(b)(3)

(b)(3)

4.5 Risk Management

The Contractor shall utilize the current JLENS SDD Contract DASG60-98-C-0001 Risk Management Plan, and utilize processes to identify and prioritize risk areas and identify mitigation strategies to reduce or eliminate risks to the LRIP program. The intent of risk management as it pertains to this contract is to

maximize the value of RRP tasks such that LRIP startup readiness is maximized. The Risk and Opportunity Management Plan (ROMP) developed under the JLENS SDD Contract DASG60-98-C-0001 shall be applied to this contract; the tables in the JLENS SDD Contract DASG60-98-C-0001 ROMP shall be tailored as applicable to RRP risks. The Risk Management Plan shall address: requirements, design and engineering, manufacturing, support, cost and schedule.

4.6 Contractor Manpower Reporting

The Office of the Assistant Secretary of the Army (Manpower & Reserve Affairs) operates and maintains a secure Army data collection site where the contractor will report ALL contractor manpower (including subcontractor manpower) required for performance of this contract. The contractor is required to completely fill in all the information in the format using the following web address <https://contractormanpower.army.pentagon.mil>. The required information includes: (1) Contracting Office, Contracting Officer, Contracting Officer's Technical Representative; (2) Contract number, including task and delivery order number; (3) Beginning and ending dates covered by reporting period; (4) Contractor name, address, phone number, e-mail address, identity of contractor employee entering data; (5) Estimated direct labor hours (including sub-contractor); (6) Estimated direct labor dollars paid this reporting period (including sub-contractor); (8) Predominant Federal Service Code (FSC) reflecting services provided by contractor (and separate predominant FSC for each sub-contractor if different); (9) Organizational title associated with the Unit Identification Code (UIC) for the Army Requiring Activity (the Army Requiring Activity is responsible for providing the contractor with its UIC for the purposes of reporting this information); (10) Locations where contractor and sub-contractors perform the work (specified by zip code in the United States and nearest City, Country, when in an overseas location, using standardized nomenclature provided on website); (12) Presence of deployment or contingency contract language, and (13) Number of contractor and sub-contractor employees deployed in theater this reporting period (by country). As part of its submission, the contractor will also provide the estimated total cost (if any) incurred to comply with this reporting requirement. Reporting period will be the period of performance not to exceed 12 months ending September 30 of each government fiscal year and must be reported by 31 October of each calendar year.

5.0 ENGINEERING

5.1 Study Phase

The RRP Study Phase shall conclude with a single integrated Implementation Plan IAW DI-MGMT-81737 (CDRL A009) which coordinates and aligns the implementation of each of the various studies.

The contractor shall develop an Implementation Plan that shall be prepared for each of the bullets in Section 3.1 of this SOW IAW DI-MGMT-81737 (CDRL A009). The RRP Study Phase shall conclude with a single integrated Implementation Plan which defines the manner in which the outcome of each study is to be executed. Each study will perform a cost benefit analysis early in the study, as part of the concept tradeoff. The cost estimate will determine improvements in Production Unit Cost (PUC) and Life Cycle Cost (LCC) if applicable to the study. The Implementation Plan shall contain descriptions of the tasks required, a schedule of the tasks in Microsoft Project IMS format, an estimate of the cost to implement the plan and a defined milestone event (if applicable) for transition to LRIP non-recurring expense. The existing SDD

parts, materials, and process control plan shall be used as a guide in developing the RRP Implementation Plan.

5.1.1 Affordability Improvements Study

The contractor shall analyze and prioritize the entries into the SDD Lessons Learned database for the Fire Control Radar (FCR), Surveillance Radar (SuR), Communication and Processing Group (CPG) and Platform Prime Items and the Power and Environmental Control Systems to determine which of the recommendations should be incorporated into the TDP and MDP for LRIP #1 to make the system more affordable and simplify the manufacturing process. Other recommended improvements documented separately in the Production Readiness Review package and in the Lessons Learned database shall be included in this study. Recommended improvements shall be separated into four categories: 1) those that are presently being incorporated into SDD; 2) those that are to be performed during the RRP; 3) those that are to be initiated during RRP and completed in LRIP; and 4) those that are to be done during the LRIP program. Categories 2 and 3 shall be incorporated into the RRP Plan. Manufactured items or assemblies with producibility risks which are not entered into the Lessons Learned database, such as quantity items with low production yields, shall be included in this list of improvement candidates. Affordability shall be determined as an integrated effort, utilizing the DFMA tool and considering LCC, Mean Time Between Failures (MTBF) and Mean Time To Repair (MTTR) for the MEIs and LRUs. The study shall contain a list of affordability improvement candidates and recommend approaches for achieving the affordability improvements and shall contain a schedule of tasks in Microsoft Project IMS format, an estimate of cost to implement plan, and as applicable defined milestone events for transition to LRIP non-recurring effort. The plan shall also determine the projected cost reduction of the affordability improvements or process changes to be implemented for the modified MEIs IAW DI-MISC-80508 (CDRL A010).

5.1.2 Future JLENS [REDACTED] Obsolescence

The contractor shall prepare an obsolescence study IAW DI-MISC-80508 (CDRL A011) that shall address areas affecting the [REDACTED] Obsolete components and other supply items shall be evaluated to determine impact on the SDD TDP and MDP in terms of design modification complexity of the spare to be provided for [REDACTED] Designs can be revised in one of the following categories for obsolete components in Circuit Card Assemblies (CCAs):

1. Drop-in replacement part which can use the existing component footprint without changing the Printed Wiring Board (PWB) artwork (Parts List change only).
2. Component replacement with a different footprint due to pin-out differences, with a re-spin of the PWB artwork to accept an equivalent replacement part.
3. CCA redesign requiring new PWB artwork due to the elimination of the obsolete part by designing it out.

The study shall contain a schedule of tasks in Microsoft Project IMS format, an estimate of cost to implement plan, and as applicable defined milestone event for transition to LRIP non-recurring effort.

5.1.3 Obsolescence Management Studies

The contractor shall prepare an obsolescence study IAW DI-MISC-80508 (CDRL A011) that shall address areas affecting the LRIP program, including replacements for [REDACTED]

[REDACTED] The opportunity to eliminate either the Surveillance Radar System (SuS) Digital

(b)(3)

(b)(3)

(b)(3)

(b)(3)

Processing Station Shelter or the SuS Signal Processing Station Shelter shall be considered. Obsolete components and other supply items for the FCR, SuR, CPG, and Platform and Power System MEIs shall be evaluated to determine the impact on the SDD TDP and MDP in terms of design modification complexity of the component being replaced. Designs can be revised in one of the following categories for obsolete components in CCAs:

1. Drop-in replacement part which can use the existing component footprint without changing the PWB artwork (Parts List change only).
2. Component replacement with a different footprint due to pin-out differences, with a re-spin of the PWB artwork to accept an equivalent replacement part.
3. CCA redesign requiring new PWB artwork due to the elimination of the obsolete part by designing it out.

The study shall contain a schedule of tasks in Microsoft Project IMS format, an estimate of cost to implement plan, and as applicable defined milestone event for transition to LRIP non-recurring effort.

5.1.4 ST/STE Study

The contractor shall prepare a ST/STE list IAW DI-ILSS-80868 (CDRL A012) to be used for testing the LRIP MEIs and LRUs. The list shall be studied to determine candidates for modification or redesign IAW DI-ILSS-80868. The study will address: 1) STEs with tests best suited for automation; 2) STEs that have the greatest potential to reduce cycle time; 3) STEs with tests which can be performed with higher measurement repeatability (thereby reducing errors); 4) Improving SDD STE manual test methods to benefit LRIP; and 5) STEs that may have obsolescence or single point of failure issues. **The Implementation Plan IAW DI-MGMT-81737 (CDRL A009)** for this study shall recommend STEs to be modified or redesigned based on the evaluation criteria, including block diagram and description of features being retained and those which are new. The study shall contain a schedule of tasks in Microsoft Project IMS format, an estimate of cost to implement plan, and as applicable defined milestone event for transition to LRIP non-recurring effort.

5.1.5 CN Incorporation Study

A limited number of SDD hardware items

[REDACTED]

(b)(3)

were modified during the integration and test phase and documented via CNs. These modifications consisted of CCA "cuts and jumpers" and other changes necessary for SDD producibility.

[REDACTED]

(b)(3)

[REDACTED]

(b)(3)

The study shall contain a schedule of tasks in Microsoft Project IMS format, an estimate of cost to implement plan, and as applicable defined milestone event for transition to LRIP non-recurring effort.

5.1.6 Environmental Improvements Study

Non-tactical Environmental Control Units (ECUs) were developed during SDD for cold weather and hot weather applications to protect temperature sensitive components during transportation and storage.

[REDACTED]

(b)(3)

[REDACTED]

(b)(3)

The contractor shall evaluate the possibility of eliminating the need for tactical ECUs by determining if the temperature sensitive components can actually withstand the transportation and storage environments. The contractor shall determine the possibility of minimizing the application of ECUs. If the study determines that ECUs are necessary, the contractor shall prepare an Implementation Plan IAW DI-MGMT-81737 (CDRL A009) to design a single tactical unit in [REDACTED]

[REDACTED] The study shall also minimize the number of storage ECUs required by consolidating temperature sensitive items into the same storage ISO containers as practical. Two versions of the tactical ECU will be considered: 1) Shelter ECU to be used for operational environmental control and 2) Storage ECU to be used for environmental control of non-operational tactical equipment. The contractor shall document the study IAW DI-MISC-80508 (CDRL A014) and shall include technical design information and life-cycle cost impacts (including a production cost estimate). This study shall include a schedule of tasks in Microsoft Project IMS format, an estimate of cost to implement plan, and as applicable defined milestone event for transition to LRIP.

5.1.7 System Acceptance Study

The Government plans to accept the LRIP System via Material Inspection and Receiving Report, DD Form 250 at the contractor's manufacturing facilities at the MEI and LRU levels, which differs from the System acceptance now being done during SDD. Therefore, it was recommended during the PRR that acceptance of LRIP MEIs and subsequent LRU spares and R&R LRUs, will be accomplished via Material Inspection and Receiving Report, DD Form 250 acceptance at lower hardware levels with minimal effort. The System Acceptance study shall develop a concept for the process flow from MEI development to acceptance, culminating in a plan to phase-in the system acceptance via Material Inspection and Receiving Report, DD Form 250, in the span between LRIP1 and LRIP2. The process flow should consider MEIs and candidate LRUs for the JLENS system and develop concepts for testing and Material Inspection and Receiving Report, DD Form 250 acceptance via Test Requirements/Specifications (TRSSs) and Acceptance Test Procedures (ATPs). The study shall generate concept diagrams for the Special Inspection Equipment (SIE) required to achieve MEI acceptance. The Implementation Plan IAW DI-MGMT-81737 (CDRL A009) for this study shall outline the process flow and timeline for MEI acceptance; it shall also define the required SIE and outline the tests and test procedures required. The contractor shall document the study IAW DI-MISC-80508 (CDRL A015).

5.1.8 System-Level SIL Study

Three contractor Prime Item SILs are being utilized for SDD: [REDACTED] (b)(3)

[REDACTED] The study shall [REDACTED] (b)(3)

[REDACTED] (b)(3)

[REDACTED] identify test equipment modifications and instrumentation requirements, and size the software to simulate [REDACTED] The study shall include a schedule of tasks in Microsoft Project IMS format, an estimate of cost to implement plan, and as applicable defined milestone event for transition to LRIP non-recurring effort. The contractor shall document the study IAW DI-80508 (CDRL A016). (b)(3)

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A. CONTRACT LINE ITEM NO. 1		B. EXHIBIT A	C. CATEGORY TDF TM OTHER X				
D. SYSTEM/ITEM JLENS Risk Reduction Program		E. CONTRACT/PR NO. W9113M-12-C-0005		F. CONTRACTOR Raytheon			
1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Manhour Estimate, Technical Cost Proposal		3. SUBTITLE Implementation Phase Detailed Cost Estimates				
4. AUTHORITY (Data Acquisition Document No.) DI-FNCL-81116		5. CONTRACT REFERENCE SOW para 3.1		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY SEE BLOCK 16	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION			
8. APP CODE N/A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	b. COPIES			
16. REMARKS: Block 9: Distribution F: Distribution F; Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000. WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Blocks 10, 12, & 13: Submit on 16 October 2012. Subsequent submittals shall be submitted as required to remain current with program. Block 14 Electronic delivery of this data item [AW the SCW paragraph 2.4. Notify JLENS Product Office Data Management OPR at [REDACTED] and [REDACTED] when deliverable is sent. Letter of transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.				a. ADDRESSEE SFAE-MSLS-CMDS-PE-CM	Final		
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I. PREPARED BY [REDACTED]		DATE 12 Sep 12		J. DATE 12 Sep 12			

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A. CONTRACT LINE ITEM NO I		B. EXHIBIT A		C. CATEGORY TDP TM OTHER X	
D. SYSTEM/ITEM JLENS Risk Reduction Program			E. CONTRACT/PR NO. W9113M-12-C-0005		F. CONTRACTOR Raytheon
1. DATA ITEM NO A002	2. TITLE OF DATA ITEM Performance and Cost Report		3. SUBTITLE Monthly Cost Reports		
4. AUTHORITY (Data Acquisition Document No.) DI-FNCL-80912			5. CONTRACT REFERENCE SOW para 4.1		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY MTHLY	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION	
8. APP CODE N/A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	b. COPIES	
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16. REMARKS:				SFAE-MSLS-CMDS-PE-CM	
<p>Block 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000.</p> <p>WARNING - This document contains critical 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, as amended, Title 50, (U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25.</p> <p>Blocks 12-13: Initial submittal shall be on the 15th of the month following 30 days after contract award. Subsequent submissions shall be on the 15th of the month until contract end.</p> <p>Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically.</p> <p>The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.</p>				0 1 0	
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G. PREPARED BY [redacted]		H. DATE 12 Sep 12		I. APPROVED BY [redacted]	
				J. DATE 12 Sep 12	

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A. CONTRACT LINE ITEM NO. I			B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM JLENS Risk Reduction Program			E. CONTRACT/PR NO. W9113M-12-C-0005		F. CONTRACTOR Raytheon			
1. DATA ITEM NO. A003		2. TITLE OF DATA ITEM Records of Meeting/Minutes Report				7. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81505			5. CONTRACT REFERENCE SOW para 4.1.1		8. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY SEE BLOCK 16	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION		c. COPIES	
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		a. ADDRESSEE	Draft	Final	
						Qty	Items	
16. REMARKS:					SFAE-MSLSCMDS-PE-CM	0	1	0
<p>Block 9: Distribution F; Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AJ 35898-5000, 24 March 2000</p> <p>WARNING - This document contains critical 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, as amended, Title 50, U.S.C, app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25.</p> <p>Blk 8, 10, 12 & 13: The contractor shall submit minutes of meetings, attendees, and action items within 7 days after meeting. The minutes shall include action items (contractor and government), the person responsible, and required completion date. The classified material shall be submitted separately from the unclassified material. The Government will provide approval/disapproval 10 days after receipt. The contractor shall resubmit corrected version 10 days after receipt of Government comments.</p> <p>The contractor shall submit completed action item report within 10 days after completion of all action items. The Government will provide approval/disapproval 5 days after receipt. The contractor shall resubmit corrected version 5 days after receipt of Government comments.</p> <p>Contractor format is acceptable.</p> <p>Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.1. Notify JLENS Product Office Data Management (OPR) at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically.</p> <p>The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.</p>								
					15. TOTAL →	0	1	0
C. PREPARED BY [redacted]			I. APPROVED BY [redacted]		J. DATE 12 Sep 12			

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A. CONTRACT LINE ITEM NO. 1	B. EXHIBIT A	C. CATEGORY: TOP TM OTHER X
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D. SYSTEM/ITEM JLENS Risk Reduction Program	E. CONTRACT/PR NO. W9113M-12-C-0005	F. CONTRACTOR Raytheon
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1. DATA ITEM NO. A004	2. TITLE OF DATA ITEM Contractor Work Breakdown Structure	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81334D	5. CONTRACT REFERENCE SOW para 4.2	6. REQUIRING OFFICE SFAE-MSLs-CMDS-BMD
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY N/A	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION	
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16. REMARKS:	SFAE-MSLs-CMDS-PE-CM	0	1	0
<p>Blk 8: The Government will provide approval/disapproval fifteen days after receipt. The contractor shall resubmit corrected version fifteen days after receipt of Government comments.</p> <p>Block 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLs-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000</p> <p>WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25</p> <p>Blocks 12, 13: The contractor shall provide the first submission 30 days after definitization, not 60 DAC as called out in the DID. Subsequent submittals shall be submitted as required to remain current with program.</p> <p>Block 14: Electronic delivery of this data item (AW the SOW paragraph 4.4). Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically.</p> <p>The data item shall be delivered in one or more of the MS Office or PDF format</p> <p>Contractor format is acceptable.</p>				
15. TOTAL →		0	1	0

G. PREPARED BY [redacted]	H. DATE 12 Sep 12	I. APPROVED BY [redacted]	J. DATE 12 Sep 12
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A. CONTRACT LINE ITEM NO I		B. EXHIBIT A	C. CATEGORY TDP TM OTHER X			
D. SYSTEM/ITEM JLENS Risk Reduction Program		E. CONTRACT/PR NO W9113M-12-C-0005		F. CONTRACTOR Raytheon		
1. DATA ITEM NO A005	2. TITLE OF DATA ITEM Technical Report - Study/Services		3. SUBTITLE CWBS Change Justifications			
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508B		5. CONTRACT REFERENCE SOW para 4.2		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY N/A	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 SEE BLOCK 16	a. ADDRESSEE	b. COPIES	
16. REMARKS: Block 8: The Government will provide approval/disapproval ten days after receipt. The contractor shall resubmit corrected version ten days after receipt of Government comments. Block 9: Distribution F. Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000 WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Blocks 12 & 13: Initial and subsequent submittals shall be submitted as required to keep CWBS current with program. Block 14: Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management (OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.				SFAE-MSLS-CMDS-PE-CM	Draft	Final
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15. TOTAL →				0	1	0
G. PREPARED BY [redacted]		H. DATE 12 Sep 12	I. APPROVED BY [redacted]		J. DATE 12 Sep 12	

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A. CONTRACT LINE ITEM NO. 1		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X	
D. SYSTEM/ITEM JLENS Risk Reduction Program			E. CONTRACT/PR NO. W9113M-12-C-0005		F. CONTRACTOR Raytheon
1. DATA ITEM NO. A006	2. TITLE OF DATA ITEM Contract Funds Status Report			3. SUBTITLE CFSR	
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81468			5. CONTRACT REFERENCE SOW para 4.3.1		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY N/A	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION SFAE-MSLS-CMDS-PE-CM
8. APP CODE N/A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		
16. REMARKS: Block 9: Distribution F; Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AI, 35898-5000, 24 March 2000 WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Blocks 12, 13: Initial submission shall be 20 calendar days after the close of the first full accounting month after contract award. Subsequent submission shall be 20 calendar days after the close of each accounting month through the period of performance. Columns 2-10 of Blocks 12, 13, and 14 shall be headed to show a 6-month "rolling window" followed by remaining projections by FY. "Rolling window" is defined as a projection for each of the next 6 months from the reported date. This shall be followed by a projection for remaining months by FY. Reporting shall be at Level 1. Block 14 Electronic delivery of this data item LAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter or transmittal must be signed electronically. Electronic data transmission shall be in XML transfer file format which is compatible with wmsight. Contractor format is acceptable.			b. COPIES		
			a. ADDRESSEE		Draft
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G. PREPARED BY [redacted]			H. DATE 12 Sep 12	I. APPROVED BY [redacted]	
			J. DATE 12 Sep 12		

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A. CONTRACT LINE ITEM NO. **1** **B. EXHIBIT** **A** **C. CATEGORY:**
TDP TM OTHER **X**

D. SYSTEM/ITEM **JLENS Risk Reduction Program** **E. CONTRACT/PR NO.** **W9113M-12-C-0005** **F. CONTRACTOR** **Raytheon**

1. DATA ITEM NO. **A007** **2. TITLE OF DATA ITEM** **Data Accession List** **3. SUBTITLE** **DAL**

4. AUTHORITY (Data Acquisition Document No.) **DI-MGMT-81453A** **5. CONTRACT REFERENCE** **SOW para 4.4** **6. REQUIRING OFFICE** **SFAE-MSLS-CMDS-BMD**

7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY N/A	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION		
8. APP CODE N/A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	a. ADDRESSEE SFAE-MSLS-CMDS-PE-CM	b. COPIES	
					<small>Draft</small>	<small>Final</small>
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16. REMARKS:

Block 9: Distribution F: Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-3000, 24 March 2000

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Blocks 12, 13: Initial submission shall be 20 calendar days after the end of the first full month after contract award. Subsequent submission as required.

Block 14 Electronic delivery of this data item (AW the SOW paragraph 4.4: Notify JLENS Product Office Data Management OPR at [REDACTED] and [REDACTED] when deliverable is sent. Letter of transmittal must be signed electronically.

The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.

15. TOTAL →	0	1	0
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G. PREPARED BY [REDACTED] **H. DATE** **12 Sep 12** **I. APPROVED BY** [REDACTED] **J. DATE** **12 Sep 12**

17. PRICE GROUP

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A. CONTRACT LINE ITEM NO 1		B. EXHIBIT A	C. CATEGORY TDP TM OTHER X							
D. SYSTEM/ITEM JLENS Risk Reduction Program		E. CONTRACT/PR NO. W9113M-12-C-0005		F. CONTRACTOR Raytheon						
1. DATA ITEM NO. A009	2. TITLE OF DATA ITEM Implementation Plan		3. SUBTITLE							
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81737		5. CONTRACT REFERENCE SOW paras 5.1		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD						
7. DD 253 REQ LT	8. DIST STATEMENT REQUIRED F	9. FREQUENCY SEE BLOCK 16	12. DATE OF FIRST SUBMISSION SEE BLOCK 16							
10. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16							
14. DISTRIBUTION		15. TOTAL								
		b. COPIES								
		Draft								
		Final								
		Reg								
		Reprc								
16. REMARKS:		SFAE-MSLS-CMDS-PE-CM								
<p>Block 8: The Government will provide approval/disapproval within 30 days after receipt. If disapproved, the contractor shall resubmit corrected version 30 days after receipt of Government comments.</p> <p>Block 9: Distribution F; Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-3000, 24 March 2000</p> <p>WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25.</p> <p>Blocks 10, 12, 13: Initial submissions shall be submitted on 26 October 2012. Subsequent submittals shall be submitted as required to remain current with program.</p> <p>Block 14: Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically.</p> <p>The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.</p>		<table border="1"> <tr> <td>0</td> <td>1</td> <td>0</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> </tr> </table>			0	1	0	0	1	0
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C. PREPARED BY [redacted]		DATE 12 Sep 12	I. APPROVED BY [redacted]							
			J. DATE 12 Sep 12							

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE
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CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 10 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 1204A, 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 forms to the Government Issuing Contracting Officer for Contract (PR No. listed in Block E).

A. CONTRACT LINE ITEM NO. I		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM JLENS Risk Reduction Program			E. CONTRACT/PR NO. W9113M-12-C-0005		F. CONTRACTOR Raytheon		
1. DATA ITEM NO. A010	2. TITLE OF DATA ITEM Technical Report - Study/Services			3. SUBTITLE Affordability Improvement Study			
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508B			5. CONTRACT REFERENCE SOW para 5.1.1		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY N/A	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION a. ADDRESSEE SFAE-MSLS-CMDS-PE-CM		
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		b. COPIES Draft: _____ Final: _____ Rep: _____ Repro: _____			
16. REMARKS: Block 8: The Government will provide approval/disapproval 20 days after receipt. The contractor shall resubmit corrected version 20 days after receipt of Government comments. Block 9: Distribution F; Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000 WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Blocks 12 & 13: Initial submittal shall be submitted on 19 September 2012. Subsequent submittals shall be submitted as required to remain current with program. Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [REDACTED] and [REDACTED] when deliverable is sent. Letter of transmittal must be signed electronically. The data item shall be delivered in one or more of the MSOffice or PDF format. Contractor format is acceptable.					0	1	0
15. TOTAL →					0	1	0
G. PREPARED BY [REDACTED]		DATE 12 Sep 12		I. APPROVED BY [REDACTED]		J. DATE 12 Sep 12	

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE
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CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					Form Approved OMB No. 0704-0188		
Public reporting burden for this collection of information is estimated to average 110 minutes 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 Contract PRT No. listed in Block E.							
A. CONTRACTLINE ITEM NO. 1		B. EXHIBIT A	C. CATEGORY TDP TM OTHER X				
D. SYSTEM/ITEM JLENS Risk Reduction Program			E. CONTRACT/PR NO. W9113M-12-C-0005		F. CONTRACTOR Raytheon		
1. DATA ITEM NO. A011	2. TITLE OF DATA ITEM Technical Report - Study/Services			3. SUBTITLE Obsolescence Management Studies			
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508B			5. CONTRACT REFERENCE SOW para 5.1.2, 5.1.3		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY N/A	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 SEE BLOCK 16	a. ADDRESSEE	b. COPIES		
16. REMARKS: Block 8: The Government will provide approval/disapproval 20 days after receipt. The contractor shall resubmit corrected version 20 days after receipt of Government comments. Block 9: Distribution F; Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000. WARNING - This document contains critical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., See 2751 et. seq.) or the Export Administration Act of 1979, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Blocks 12 & 13: Paragraph 5.1.2 Exercise Obsolescence Study shall be submitted on 24 August 2012. Paragraph 5.1.3 Obsolescence Management Study shall be submitted on 19 September 2012. Subsequent submittals shall be submitted as required to remain current with program. Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.1. Notify JLENS Product Office Data Management OPR at [REDACTED] and [REDACTED] when deliverable is sent. Letter of transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.				SFAE-MSLS-CMDS-PE-CM	Draft	Final	
					Reg	Type	
				15. TOTAL →	0	1	0
G. PREPARED BY [REDACTED]		H. DATE 12 Sep 12		I. APPROVED BY [REDACTED]		J. DATE 12 Sep 12	

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE
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CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

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OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 1/2 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 Contract/PR no. listed in Block E.

A. CONTRACT LINE ITEM NO 1				B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X				
D. SYSTEM/ITEM JLENS Risk Reduction Program				E. CONTRACT/PR NO W9113M-12-C-0005		F. CONTRACTOR Raytheon				
1. DATA ITEM NO A012		2. TITLE OF DATA ITEM Special Equipment Tools and Test Equipment List				3. SUBTITLE STE/ST				
4. AUTHORITY (Data Acquisition Document No.) DI-ILSS-80868				5. CONTRACT REFERENCE SOW para 5.1.4		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD				
7. DD 250 REQ LT		8. DIST STATEMENT REQUIRED F		10. FREQUENCY N/A		12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION		
9. APP CODE N/A		11. AS OF DATE N/A		13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		a. ADDRESSEE		b. COPIES		
16. REMARKS: Block 9: Distribution F; Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000. WARNING - This document contains critical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., See 2751 et. seq.) or the Export Administration Act of 1979, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Blocks 12 & 13: Initial submittal shall be submitted on 24 August 2012. Subsequent submittals shall be submitted as required to remain current with program. Block 14: Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [REDACTED] and [REDACTED] when deliverable is sent. Letter of transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.						SFAE-MSLS-CMDS-PE-CM		0	1	0
						15. TOTAL →		0	1	0
G. PREPARED BY [REDACTED]				H. DATE 12 Sep 12		I. APPROVED BY [REDACTED]		J. DATE 12 Sep 12		

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE
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CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					Form Approved OMB No. 0704-0188			
<small>Please reviewing carefully this collection of information is submitted in accordance with the provisions of the Freedom of Information Act, and you are requested to provide comments regarding this contract agreement or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Services, 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 comments form to the Government Agency Contracting Officer for Contract/PR No. listed in Block E.</small>								
A. CONTRACT LINE ITEM NO		B. EXHIBIT	C. CATEGORY					
1		A	TOP TM OTHER X					
D. SYSTEM/ITEM			E. CONTRACT/PR NO		F. CONTRACTOR			
JLENS Risk Reduction Program			W9113M-12-C-0005		Raytheon			
1. DATA ITEM NO	2. TITLE OF DATA ITEM			3. SUBTITLE				
A013	Scientific and Technical Reports Summary			Change Notices (& Unincorporated Changes) List				
4. AUTHORITY (Data Acquisition Document No.)			5. CONTRACT REFERENCE		6. REQUIRING OFFICE			
DI-MISC-80048			SOW para 5.1.5		SFAE-MSLS-CMDS-BMD			
7. DU 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION		14. DISTRIBUTION			
LT	F	N/A	SEE BLOCK 16		b. COPIES			
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION		a. ADDRESSEE			
N/A		N/A	SEE BLOCK 16		Draft			
16. REMARKS:						Final		
						Reg	Repro	
					SFAE-MSLS-CMDS-PE-CM	0	1	0
<p>Block 9: Distribution F. Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM Redstone Arsenal, AL 35898-5000, 24 March 2000</p> <p>WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25.</p> <p>Blocks 12 & 13: Initial submittal shall be submitted on 26 October 2012. Subsequent submittals shall be submitted as required to remain current with program.</p> <p>Block 14 Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [REDACTED] and [REDACTED] when deliverable is sent. Letter of transmittal must be signed electronically.</p> <p>The data item shall be delivered in one or more of the MS Office or PDF format.</p> <p>Contractor format is acceptable.</p>					15. TOTAL	0	1	0
G. PREPARED BY		H. DATE	I. APPROVED BY		J. DATE			
[REDACTED]		12 Sep 12	[REDACTED]		12 Sep 12			

17. PRICE GROUP

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CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 16 minutes 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 unclassified items to the Government Printing Office for Contract PR No. listed in block E.

A. CONTRACT LINE ITEM NO 1	B. EXHIBIT A	C. CATEGORY TDP TM OTHER X
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D. SYSTEM/ITEM JLENS Risk Reduction Program	E. CONTRACT/PR NO. W9113M-12-C-0005	F. CONTRACTOR Raytheon
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1. DATA ITEM NO A014	2. TITLE OF DATA ITEM Technical Report - Study/Services	3. SUBTITLE Environmental Improvement Study
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4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508B	5. CONTRACT REFERENCE SOW para 5.1.6	6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD
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7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED F	10. FREQUENCY N/A	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION		
9. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	8. ADDRESSEE	COPIES	
					Draft	Final

16. REMARKS:	SFAE-MSLS-CMDS-PE-CM	0	1	0
<p>Block 8: The Government will provide approval/disapproval 20 days after receipt. The contractor shall resubmit corrected version 20 days after receipt of Government comments.</p> <p>Block 9: Distribution F; Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000</p> <p>WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25.</p> <p>Blocks 12 & 13: Initial submittal shall be submitted on 24 August 2012. Subsequent submittals shall be submitted as required to remain current with program</p> <p>Block 14 Electronic delivery of this data item IAW the SOW paragraph J.1. Notify JLENS Product Office, Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically.</p> <p>The data item shall be delivered in one or more of the MS Office or PDF format.</p> <p>Contractor format is acceptable</p>				
	15. TOTAL →	0	1	0

17. PRICE GROUP

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G. PREPARED BY [redacted]	H. DATE 12 Sep 12	I. APPROVED BY [redacted]	J. DATE 12 Sep 12
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CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1.5 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 Activity Contracting Officer for Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO I			B. EXHIBIT A		C. CATEGORY TDP TM OTHER X								
D. SYSTEM/ITEM JLENS Risk Reduction Program				E. CONTRACT/PR NO W9113M-12-C-0005		F. CONTRACTOR Raytheon							
1. DATA ITEM NO A015		2. TITLE OF DATA ITEM Technical Report - Study/Services				3. SUBTITLE System Acceptance Study							
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508B			5. CONTRACT REFERENCE SOW para 5.1.7			6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD							
7. DD 250 REC LT		9. DIST STATEMENT REQUIRED F		10. FREQUENCY N/A		12. DATE OF FIRST SUBMISSION SEE BLOCK 16							
8. APP CODE A		11. AS OF DATE N/A		13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		14. DISTRIBUTION							
16. REMARKS: Block 8: The Government will provide approval/disapproval 20 days after receipt. The contractor shall resubmit corrected version 20 days after receipt of Government comments. Block 9: Distribution F; Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000. WARNING - This document contains critical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., See 2751 et. seq.) or the Export Administration Act of 1979, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25. Blocks 12 & 13: Initial submittal shall be submitted on 19 September 2012. Subsequent submittals shall be submitted as required to remain current with program. Block 14: Electronic delivery of this data item (AW the SOW paragraph 1.1. Notify JLENS Product Office Data Management OPR at [REDACTED] and [REDACTED] when deliverable is sent. Letter of transmittal must be signed electronically. The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.						a. ADDRESSEE		b. COPIES					
						SFAE-MSLS-CMDS-PE-CM		0		1		0	
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15. TOTAL →						0		1		0			
G. PREPARED BY [REDACTED]			H. DATE 12 Sep 12		I. APPROVED BY [REDACTED]			J. DATE 12 Sep 12					

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE
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CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					Form Approved OMB No. 0704-0188		
<small>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 Service, 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 Printing Office for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO 1		B. EXHIBIT A		C. CATEGORY TDP TM OTHER X			
D. SYSTEM/ITEM JLENS Risk Reduction Program			E. CONTRACT/PR NO W9113M-12-C-0005		F. CONTRACTOR Raytheon		
1. DATA ITEM NO A017	2. TITLE OF DATA ITEM Technical Report - Study/Services			3. SUBTITLE Document Reproduction			
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508B			5. CONTRACT REFERENCE SOW para 4.4		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	10. FREQUENCY N/A	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION			
8. APP CODE N/A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	3. ADDRESSEE	b. COPIES	Draft	Final	
				Rpt	Repr		
18. REMARKS:				SFAE-MSLS-CMDS-PE-CM			
<p>Block 9: Distribution F; Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL, 35898-5000, 24 March 2000</p> <p>WARNING - This document contains critical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., See 2751 et. seq.) or the Export Administration Act of 1979, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25.</p> <p>Blocks 12 & 13: Submittal shall be submitted no later than 7 days after Government request. Subsequent submittals shall be submitted as required to remain current with program.</p> <p>Block 14: Electronic delivery of this data item IAW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [REDACTED] and [REDACTED] when deliverable is sent. Letter of transmittal must be signed electronically.</p> <p>The data item shall be delivered in one or more of the MS Office or PDF format.</p> <p>Contractor format is acceptable.</p>				0	1	0	
				15. TOTAL →	0	1	0
G. PREPARED BY [REDACTED]		H. DATE 12 Sep 12		I. APPROVED BY [REDACTED]		J. DATE 12 Sep 12	

17. PRICE GROUP

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CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 10 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 in 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 forms to the Government Printing Contracting Office for Contracting File 1001 in Block E.

A CONTRACT LINE ITEM NO. 1			B EXHIBIT A		C CATEGORY TDP TM OTHER X		
D SYSTEM/ITEM JLENS Risk Reduction Program			E CONTRACT/PR NO. W9113M-12-C-0005		F CONTRACTOR Raytheon		
1. DATA ITEM NO. A018	2. TITLE OF DATA ITEM Presentation Material				3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81373			5. CONTRACT REFERENCE SOW para 4.1.1		6. REQUIRING OFFICE SFAE-MSLS-CMDS-BMD		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED F	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 SEE BLOCK 16		a. ADDRESSEE SFAE-MSLS-CMDS-PE-CM	b. COPIES	
				Draft		Final	
						Reg	Repro
16. REMARKS:					0 1 0		
<p>Block 9: Distribution F. Further dissemination only as directed by the Cruise Missile Defense Systems Project Office, SFAE-MSLS-CMDS-PE-CM, Redstone Arsenal, AL 35898-5000, 24 March 2000</p> <p>WARNING - This document contains critical 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, as amended, Title 50, U.S.C., app 2401 et. seq. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25.</p> <p>Blk 8,10,12&13 The contractor shall submit presented material within 7 days after meeting completion. The classified material shall be submitted separately from the unclassified material. The Government will provide approval/disapproval 5 days after receipt. The contractor shall resubmit corrected version 5 days after receipt of Government comments.</p> <p>Contractor format is acceptable.</p> <p>Block 14 Electronic delivery of this data item 1AW the SOW paragraph 4.4. Notify JLENS Product Office Data Management OPR at [redacted] and [redacted] when deliverable is sent. Letter of transmittal must be signed electronically.</p> <p>The data item shall be delivered in one or more of the MS Office or PDF format. Contractor format is acceptable.</p>					15. TOTAL →		
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I PREPARED BY [redacted]			I DATE 12 Sep 12		I APPROVED BY [redacted]		J DATE 12 Sep 12

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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				I. CONTRACT ID CODE	PAGE OF PAGES
				U	1 3
2. AMENDMENT/MODIFICATION NO. P00001		3. EFFECTIVE DATE 19-Apr-2012	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)
6. ISSUED BY USAMIDCOMSTRAT ACC-RBA, BMDC-CANSO CCAM-CAB-B PO BOX 1500 MUNTSVILLE AL 36027-2501		CODE WD113M	7. ADMINISTERED BY (If other than Item 6) DCMA RAYTHON 80 APPLE HILL DRIVE MSB T2FF2 TEMPERARY MAJOR		CODE 62205A
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) RAYTHON COMPANY 890 LONGLETT ST ANDOVER MA 01810-4800				9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
				X 10A. MOD. OF CONTRACT/ORDER NO. WD113M-12-C-0006	
				X 10B. DATED (SEE ITEM 13) 09-Nov-2011	
CODE 05719		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<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 amended, <input type="checkbox"/> is not amended. 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 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 such telegram or letter reaches addressee to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT 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) Mutual Agreement; FAR 43.103(a) and 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: [REDACTED]					
1. The purpose of this modification is to provide additional incremental funding for FY12 in the amount of \$1,984,776.00 which hereby increases the funds currently obligated to \$3,806,176.					
2. SubCLN 0001C2 is hereby added and incrementally funded in the amount of \$1,984,776.00.					
3. Changed Contracting Activity Representative clause to add [REDACTED]					
4. Changed Limitation of Funds clause to add column titles for "Old Amt", "New Amt" and "Totals"					
5. See Summary of Changes					
6. The POC for this action is [REDACTED] and can be reached via [REDACTED]					
Except as provided herein, all terms and conditions of the documents 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)		
[REDACTED]			[REDACTED]		
15C. DATE SIGNED 4/24/12			16C. LIMITATION OF FUNDS BY [REDACTED]		16C. DATE SIGNED 4/24/12
			(Signature of Contracting Officer)		

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

000102

(b)(6)

(b)(6)

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION B - SUPPLIES OR SERVICES AND PRICES

CLIN 0003

The WSC Equipment code 000 has been added.

SUBCLIN 000102 is added as follows:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000102	Funding for CLIN 0001 CPFF FOB: Destination				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AB CIN: GFEB001015918700001				\$1,964,776.00

SECTION E - INSPECTION AND ACCEPTANCE

The following Acceptance/Inspection Schedule was added for SUBCLIN 000102:

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
Destination	Government	Destination	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 \$1,964,776.00 from \$1,643,400.00 to \$3,608,176.00.

SUBCLIN 000102:

Funding on SUBCLIN 000102 is initiated as follows:

ACRN: AB

CIN: GFEB001015918700001

000103

Acctng Data: 02120122013204000001171722550030003242A.0000013.1.1

6100.9000021001

Increase: \$1,964,776.00

Total: \$1,964,776.00

Cost Code: A5XFJ

The following have been modified:

CONTRACTING ACTIVITY REPRESENTATIVES:

	Contractual Matters	Technical Matters
NAME:	[REDACTED]	[REDACTED]
ORGANIZATION CODE:	CCAM-CAB-B	SFAE-MSLS-CMDS-JLN
TELEPHONE NUMBERS:	[REDACTED]	[REDACTED]
COMMERCIAL:	[REDACTED]	[REDACTED]
DEFENSE SWITCHED NETWORK (DSN):	[REDACTED]	[REDACTED]
EMAIL:	[REDACTED]	[REDACTED]

(b)(6)

IMPLEMENTATION OF AND EXPLANATION OF THE RELATIONSHIP OF THE LIMITATION OF FUNDS (LOF) CLAUSE TO FEE OBLIGATIONS: The amount of funds estimated to be required for full performance, including fee(s); the amount of funds allotted pursuant to the Contract Clause hereof entitled, Limitations of Funds; the amount of funds currently obligated for fee; and the estimated period of performance covered by the funds allotted are set forth below. Amounts obligated for fee are separate from and are not to be commingled with the amounts allotted for costs and are not available to the contractor to cover costs in excess of those allotted to the contract for cost.

CLINs 0001/0002:	OLD AMT	NEW AMT	TOTALS
(1) Amount Required for Full Funding, Including Fee(s):			TBD
(2) Amount Allotted Under the LOF Clause for Payment of Costs:			TBD
(3) Amount Separately Obligated for Payment of Fee:			TBD
(4) Total Amount Allotted and Obligated:			\$1,643,400
(5) Net Amount Required for Full Funding:	\$1,643,400	\$1,964,776	\$3,608,176

(End of Summary of Changes)

000104

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE U	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. P00002		3. EFFECTIVE DATE 1 June 2012		4. REQUISITION/PURCHASE REQ. NO.	
6. ISSUED BY UNMENDC/PNSTRAT SMDC-RDC PO BOX 1800 HUNTSVILLE AL 35807-1801		CODE WB113M	7. ADMINISTERED BY (if other than item 6) DOMA RAYTHEON 80 APPLEHILL DRIVE WFS 12992 WINDSORBURY MA 01898		CODE S2205A
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) RAYTHEON COMPANY 380 LOWELL ST ANDOVER MA 01910-6003				9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
				X 10A. MOD. OF CONTRACT/ORDER NO. WB113M-12-C-0008	
				X 10B. DATED (SEE ITEM 13) 09-Nov-2011	
CODE 05716		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<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 this amendment; (b) By acknowledging receipt of this amendment on each copy of this 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. Any views 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) See Schedule					
15. 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 data, 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) Mutual Agreement: FAR 43.103(a) and FAR 52.232-22 (Limitations 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: [REDACTED] 1. The purpose of this modification is to provide additional incremental funding for FY 12 in the amount \$1,000,000, which hereby increases the funds obligated to \$4,808,178. 2. SubCLIN 000103 is hereby added and incrementally funded in the amount of \$1,000,000. 3. The POC for this action is [REDACTED] and he can be reached via email at [REDACTED]					
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as they may be changed, remain unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print) [REDACTED]			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) [REDACTED]		
15B. CONTRACT SIGNATURE [REDACTED]			16B. UNITED STATES OF AMERICA BY [REDACTED]		
15C. DATE SIGNED 5/30/12			16C. DATE SIGNED 1 June 2012		

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

000105

(b)(6)

(b)(6)

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION B - SUPPLIES OR SERVICES AND PRICES

SUBCLIN 000103 is added as follows:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000103	Funding for CLIN 0001 CPFF FOB: Destination				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AB CIN: GFEB001017819300001				\$1,000,000.00

SECTION E - INSPECTION AND ACCEPTANCE

The following Acceptance/Inspection Schedule was added for SUBCLIN 000103:

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 \$1,000,000.00 from \$3,608,176.00 to \$4,608,176.00.

SUBCLIN 000103:

Funding on SUBCLIN 000103 is initiated as follows:

ACRN: AB

CIN: GFEB001017819300001

Acctng Data: 02120122013204000001171722550030003242A.0000013.1.1 6100.9000021001

Increase: \$1,000,000.00

Total: \$1,000,000.00

000106

Cost Code: A5XFJ

The following have been modified:

IMPLEMENTATION OF AND EXPLANATION OF THE RELATIONSHIP OF THE LIMITATION OF FUNDS (LOF) CLAUSE TO FEE OBLIGATIONS: The amount of funds estimated to be required for full performance, including fee(s); the amount of funds allotted pursuant to the Contract Clause hereof entitled, Limitations of Funds; the amount of funds currently obligated for fee; and the estimated period of performance covered by the funds allotted are set forth below. Amounts obligated for fee are separate from and are not to be commingled with the amounts allotted for costs and are not available to the contractor to cover costs in excess of those allotted to the contract for cost.

CLINs 0001/0002:	OLD AMT	NEW AMT	TOTALS
(1) Amount Required for Full Funding, Including Fee(s):			TBD
(2) Amount Allotted Under the LOF Clause for Payment of Costs:			TBD
(3) Amount Separately Obligated for Payment of Fee:			TBD
(4) Total Amount Allotted and Obligated:			\$3,608,176
(5) Net Amount Required for Full Funding:	\$3,608,176	\$1,000,000	\$4,608,176

(End of Summary of Changes)

000 107

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			CONTRACT ID CODE	PAGE OF PAGES	
			U	1	4
2. AMENDMENT/MODIFICATION NO. P00003	3. EFFECTIVE DATE 03-Aug-2012	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (if applicable)	
6. ISSUED BY USASMD/ARSTRAT SMDC-RDC PO BOX 1500 HUNTSVILLE AL 35807-3801	CODE W9113M	7. ADMINISTERED BY (If other than item 6) DCMA RAYTHEON 50 APPLE HILL DRIVE M/S T2FR2 TEVMSBJRYMA 01875		CODE S2205A	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) RAYTHEON COMPANY 350 LOWELL ST ANDOVER MA 01810-4400			9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
			X	10A. MOD. OF CONTRACT/ORDER NO. W9113M-12-C-0005	
			X	10B. DATED (SEE ITEM 13) 09-Nov-2011	
CODE 05716		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<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) See Schedule					
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) UNILATERAL: FAR 52.232-22, "Limitation of Funds"					
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: [REDACTED] 1. The purpose of this modification is to provide additional incremental funding for FY12 in the amount of \$800,000, which hereby increases the funds obligated to \$5,408,176. 2. SubCLIN 000104 is hereby added and incrementally funded in the amount of \$800,000. 3. Section G, Contracting Activity Representative, was updated to reflect changes in POC email address. 3. The POC for this action is [REDACTED]					
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)		
			TEL: [REDACTED] EMAIL: [REDACTED]		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY [REDACTED] (Signature of Contracting Officer)		16C. DATE SIGNED 03-Aug-2012	

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

000108

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION B - SUPPLIES OR SERVICES AND PRICES

SUBCLIN 000104 is added as follows:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000104	Funding for CLIN 0001 CPFF FOB: Destination				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AB CIN: GFEB001017819300001				\$800,000.00

SECTION E - INSPECTION AND ACCEPTANCE

The following Acceptance/Inspection Schedule was added for SUBCLIN 000104:

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 \$800,000.00 from \$4,608,176.00 to \$5,408,176.00.

SUBCLIN 000104:

Funding on SUBCLIN 000104 is initiated as follows:

ACRN: AB

CIN: GFEB001017819300001

Acctng Data: 02120122013204000001171722550030003242A.0000013.1.1 6100.9000021001

Increase: \$800,000.00

000109

Total: \$800,000.00

Cost Code: A5XFJ

The following have been modified:

CONTRACTING ACTIVITY REPRESENTATIVES:

	Contractual Matters	Technical Matters
NAME:	[REDACTED]	[REDACTED]
ORGANIZATION CODE:	CCAM-CAB-B	SFAE-MSLS-CMDS-JLN
TELEPHONE NUMBERS:	[REDACTED]	[REDACTED]
COMMERCIAL:	[REDACTED]	[REDACTED]
DEFENSE SWITCHED NETWORK (DSN):	[REDACTED]	[REDACTED]
EMAIL:	[REDACTED]	[REDACTED]

(b)(6)

IMPLEMENTATION OF AND EXPLANATION OF THE RELATIONSHIP OF THE LIMITATION OF FUNDS (LOF) CLAUSE TO FEE OBLIGATIONS: The amount of funds estimated to be required for full performance, including fee(s); the amount of funds allotted pursuant to the Contract Clause hereof entitled, Limitations of Funds; the amount of funds currently obligated for fee; and the estimated period of performance covered by the funds allotted are set forth below. Amounts obligated for fee are separate from and are not to be commingled with the amounts allotted for costs and are not available to the contractor to cover costs in excess of those allotted to the contract for cost.

CLINs 0001/0002:	OLD AMT	NEW AMT	TOTALS
(1) Amount Required for Full Funding, Including Fee(s):			TBD
(2) Amount Allotted Under the LOF Clause for Payment of Costs:			TBD
(3) Amount Separately Obligated for Payment of Fee:			TBD
(4) Total Amount Allotted and Obligated:	\$4,608,176	\$800,000	\$5,408,176
(5) Net Amount Required for Full Funding:			TBD

SECTION I - CONTRACT CLAUSES

The following have been modified:

000110

52.216-24 LIMITATION OF GOVERNMENT LIABILITY (APR 1984)

(a) In performing this contract, the Contractor is not authorized to make expenditures or incur obligations exceeding \$5,408,176 dollars.

(b) The maximum amount for which the Government shall be liable if this contract is terminated is \$5,408,176 dollars.

(End of clause)

(End of Summary of Changes)

000111

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE U	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. P00004	3. EFFECTIVE DATE 20-Aug-2012	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)
6. ISSUED BY USASMDG/ARSTRAT SMDC-RDC PO BOX 1500 HUNTSVILLE AL 35807-3001	CODE W9113M	7. ADMINISTERED BY (If other than item 6) DCMA RAYTHEON 50 APPLE HILL DRIVE M/S T2FR2 TEWKSBURY MA 01876		CODE S2205A
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) RAYTHEON COMPANY 350 LOWELL ST ANDOVER MA 01810-4400			9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
			X	10A. MOD. OF CONTRACT/ORDER NO. W9113M-12-C-0005
			X	10B. DATED (SEE ITEM 11) 09-Nov-2011
CODE 05716			FACILITY CODE	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<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: (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) See Schedule				
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) UNILATERAL: FAR 52.232-22 "Limitation of Funds"				
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: XXXXXXXXXX (b)(1) See continuation page.				
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)	
			TEL: XXXXXXXXXX EMAIL: XXXXXXXXXX (b)(1)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED
(Signature of person authorized to sign)		BY: XXXXXXXXXX		22-Aug-2012
		(Signature of Contracting Officer)		

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

000112

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION A - SOLICITATION/CONTRACT FORM

The following have been added by full text:

PURPOSE

1. The purpose of this modification is to provide additional incremental funding for FY12 in the amount of \$1,500,000, which hereby increases the funds obligated to \$6,908,176.
2. SubCLIN 000105 is hereby added and incrementally funded in the amount of \$1,500,000.
3. All other terms and conditions remain unchanged.
4. The POC for this action is [REDACTED]

(b)(6)

SECTION B - SUPPLIES OR SERVICES AND PRICES

SUBCLIN 000105 is added as follows:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000105					\$0.00
	CPFF				
	FOB: Destination				
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AB				\$1,500,000.00
	CIN: GFEB001017819300001				

SECTION E - INSPECTION AND ACCEPTANCE

The following Acceptance/Inspection Schedule was added for SUBCLIN 000105:

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

000113

As a result of this modification, the total funded amount for this document was increased by \$1,500,000.00 from \$5,408,176.00 to \$6,908,176.00.

SUBCLIN 000105:

Funding on SUBCLIN 000105 is initiated as follows:

ACRN: AB

CIN: GFEB001017819300001

Acctng Data: 02120122013204000001171722550030003242A.0000013.1.1 6100.9000021001

Increase: \$1,500,000.00

Total: \$1,500,000.00

Cost Code: A5XFJ

The following have been modified:

IMPLEMENTATION OF AND EXPLANATION OF THE RELATIONSHIP OF THE LIMITATION OF FUNDS (LOF) CLAUSE TO FEE OBLIGATIONS: The amount of funds estimated to be required for full performance, including fee(s); the amount of funds allotted pursuant to the Contract Clause hereof entitled, Limitations of Funds; the amount of funds currently obligated for fee; and the estimated period of performance covered by the funds allotted are set forth below. Amounts obligated for fee are separate from and are not to be commingled with the amounts allotted for costs and are not available to the contractor to cover costs in excess of those allotted to the contract for cost.

CLINs 0001/0002:	OLD AMT	NEW AMT	TOTALS
(1) Amount Required for Full Funding, Including Fee(s):			TBD
(2) Amount Allotted Under the LOF Clause for Payment of Costs:			TBD
(3) Amount Separately Obligated for Payment of Fee:			TBD
(4) Total Amount Allotted and Obligated:	\$5,408,176	\$1,500,000	\$6,908,176
(5) Net Amount Required for Full Funding:			TBD

SECTION I - CONTRACT CLAUSES

The following have been modified:

000114

52.216-24 LIMITATION OF GOVERNMENT LIABILITY (APR 1984)

(a) In performing this contract, the Contractor is not authorized to make expenditures or incur obligations exceeding \$6,908,176 dollars.

(b) The maximum amount for which the Government shall be liable if this contract is terminated is \$6,908,176 dollars.

(End of clause)

(End of Summary of Changes)

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