

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
U

PAGE OF PAGES
1 3

2. AMENDMENT/MODIFICATION NO.
P00064

3. EFFECTIVE DATE
18-Jun-2019

4. REQUISITION/PURCHASE REQ. NO.
See Section G

5. PROJECT NO. (If applicable)
N/A

6. ISSUED BY CODE

N00178

7. ADMINISTERED BY (If other than Item 6) CODE

S2404A

NSWC, DAHLGREN DIVISION
17632 Dahlgren Road Suite 157
Dahlgren VA 22448-5110

DCMA Manassas
14501 George Carter Way, 2nd Floor
Chantilly VA 20151

SCD: C

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

HART Technologies Inc
7060 Infantry Ridge Road
Manassas VA 20109-8369

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

[X]

10A. MODIFICATION OF CONTRACT/ORDER NO.

N00178-14-D-7741 / N0017817F3005

10B. DATED (SEE ITEM 13)

14-Feb-2017

CAGE CODE 1Q3J5

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 Offers [] is extended, [] is not extended.

Offers 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 one (1) copy 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 ACKNOWLEDGEMENT 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 SECTION G

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)
FAR 52.232-22 Limitation of Funds

E. IMPORTANT: Contractor [X] is not, [] 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.)

SEE PAGE 2

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Amy T Richards, Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

BY /s/Amy T Richards

(Signature of Contracting Officer)

17-Jun-2019

NSN 7540-01-152-8070

30-105

STANDARD FORM 30 (Rev. 10-83)

PREVIOUS EDITION UNUSABLE

Prescribed by GSA
FAR (48 CFR) 53.243

GENERAL INFORMATION

The purpose of this modification is to add incremental funding... Accordingly, said Task Order is modified as follows: de-obligated \$132,747 to CLIN 7200 and added \$9,000 to CLIN 9200. PR 1300784802 and PR 1300785925 had to be manually obligated due to ERP system errors in relation to how the lines of accounting are read in ERP. Also, updated the funding profile. A conformed copy of this Task Order is attached to this modification for informational purposes only.

The Line of Accounting information is hereby changed as follows:

The total amount of funds obligated to the task is hereby increased from [REDACTED]

CLIN/SLIN	Type Of Fund	From (\$)	By (\$)	To (\$)
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

The total value of the order is hereby increased from [REDACTED]

CLIN/SLIN	From (\$)	By (\$)	To (\$)
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

The Period of Performance of the following line items is hereby changed as follows:

CLIN/SLIN	From	To
7200JQ		6/18/2019 - 2/16/2020

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7200JR	6/18/2019 - 2/16/2020
7200JS	6/18/2019 - 2/16/2020
9200JQ	6/18/2019 - 2/16/2020
9200JR	6/18/2019 - 2/16/2020

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPPF
[REDACTED]	[REDACTED]	[REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		[REDACTED]					
		[REDACTED]					
		[REDACTED]					
		[REDACTED]					
		[REDACTED]					
		[REDACTED]					
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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
[REDACTED]							
[REDACTED]							
[REDACTED]							
[REDACTED]							
[REDACTED]							

For Cost Type / NSP Items

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
[REDACTED]							
[REDACTED]							

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
[REDACTED]							
[REDACTED]							
[REDACTED]							
[REDACTED]							
[REDACTED]							
[REDACTED]							

[REDACTED]

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
[REDACTED]							
[REDACTED]							

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
[REDACTED]							
[REDACTED]							
[REDACTED]							
[REDACTED]							
[REDACTED]							
[REDACTED]							

[REDACTED]

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
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[Redacted]

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
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[Redacted]

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Option items are supplied only if and to the extent said options are exercised. The "OPTION TO EXTEND THE TERM OF THE CONTRACT" clause in Section I applies to the Option CLINs.

NOTE 4: NOT SEPARATELY PRICED

The price for Not Separately Priced (NSP) Data items shall be included in the price of the corresponding Labor CLIN(s).

B.1 USE WHOLE DOLLARS ONLY

All proposals shall be rounded to the nearest dollar.

B.2 TYPE OF ORDER

This Task Order is a Level of Effort (term) type order. Items in the 7xxx series are Cost Plus Fixed Fee type (CPFF). Items in the 7x99 series are Not Separately Priced (NSP). Items in the 9xxx series are Cost only, excluding fee.

B.3 ADDITIONAL CLINS

Additional CLINs may be unilaterally created by the Procuring Contracting Officer (PCO) during the performance of this Task Order as needed to accommodate the multiple types of funds that may be used under this Order. These modifications will not change the overall level of effort or value of the Task Order.

B.4 FEE INSTRUCTIONS

The following table reflects the hourly rates to be billed.

	Fixed Fee Amount	Man-Hours	Rate (fee per hour)
Base	[REDACTED]	[REDACTED]	[REDACTED]
Option 1	[REDACTED]	[REDACTED]	[REDACTED]
Option 2	[REDACTED]	[REDACTED]	[REDACTED]
Option 3	[REDACTED]	[REDACTED]	[REDACTED]
Option 4	[REDACTED]	[REDACTED]	[REDACTED]

B.5 FINALIZED FIXED FEE

(a) If the total Level of Effort for each period specified in Section H, 5252.216-9122 LEVEL OF EFFORT-ALTERNATIVE 1 (MAY 2010) is not provided by the Contractor during the period of this order, the Contracting Officer, at its sole discretion, shall finalize fee based on the percent of hours provided in relation to the fixed fee. For example, if 90% of the hours were provided, the Contractor is entitled to 90% of the fixed fee.

(b) This Task Order will be incrementally funded and budgetary constraints may prevent full funding of all periods. The process for finalizing the fixed fee is the same for both fully funded periods and periods funded at less than the estimated total Cost-Plus-Fixed-Fee.

B.6 HQ B-2-0004 EXPEDITING CONTRACT CLOSEOUT (NAVSEA) (DEC 1995)

(a) As part of the negotiated fixed price or total estimated amount of this contract,

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both the Government and the Contractor have agreed to waive any entitlement that otherwise might accrue to either party in any residual dollar amount of [REDACTED] or less at the time of final contract closeout. The term "residual dollar amount" shall include all money that would otherwise be owed to either party at the end of the contract, except that, amounts connected in any way with taxation, allegations of fraud and/or antitrust violations shall be excluded. For purposes of determining residual dollar amounts, offsets of money owed by one party against money that would otherwise be paid by that party may be considered to the extent permitted by law.

(b) This agreement to waive entitlement to residual dollar amounts has been considered by both parties. It is agreed that the administrative costs for either party associated with collecting such small dollar amounts could exceed the amount to be recovered.

B.7 HQ B-2-0007 LIMITATION OF COST OR LIMITATION OF FUNDS LANGUAGE

The clause entitled "LIMITATION OF COST" (FAR 52.232-20) OR "LIMITATION OF FUNDS" (FAR 52.232-22), as appropriate, shall apply separately and independently to each separately identified estimated cost.

B.8 HQ B-2-0009 NOTE (CDRL)

NOTE A - Offeror shall complete the "Price Group" and "Estimated Total Price" blocks of each data item on the Contract Data Requirements List(s), attached hereto.

B.9 HQ B-2-0015 PAYMENT OF FEE(S) (LEVEL OF EFFORT - ALTERNATE I) (NAVSEA) (MAY 2010)

(a) For purposes of this contract, "fee" means "target fee" in cost-plus-incentive-fee type contracts, "base fee" in cost-plus-award-fee type contracts, or "fixed fee" in cost-plus-fixed-fee type contracts for level of effort type contracts.

(b) The Government shall make payments to the Contractor, subject to and in accordance with the clause in this contract entitled "FIXED FEE" (FAR 52.216-8) OR "INCENTIVE FEE", (FAR 52.216-10), as applicable. Such payments shall be submitted by and payable to the Contractor pursuant to the clause of this contract entitled "ALLOWABLE COST AND PAYMENT" (FAR 52.216-7), subject to the withholding terms and conditions of the "FIXED FEE" or "INCENTIVE FEE" clause, as applicable, and shall be paid at the hourly rate(s) specified above per man-hour performed and invoiced. Total fee(s) paid to the Contractor shall not exceed the fee amount(s) set forth in this contract. In no event shall the Government be required to pay the Contractor any amount in excess of the funds obligated under this contract.

B.10 HQ B-2-0020 TRAVEL COSTS - ALTERNATE I (NAVSEA) (APR 2015)

(a) Except as otherwise provided herein, the Contractor shall be reimbursed for its actual travel costs in accordance with FAR 31.205-46. The costs to be reimbursed shall be those costs determined to be allowable, allocable and reasonable by the Procuring Contracting Officer, Administrative Contracting Officer or their duly authorized representative, as advised by DCAA.

(b) Reimbursable travel costs include only that travel performed from the Contractor's facility to the worksite, in and around the worksite, and from the worksite to the Contractor's facility.

(c) Relocation costs and travel costs incidental to relocation are allowable to the extent provided in FAR 31.205-35; however, Contracting Officer approval shall be required prior to incurring relocation expenses and travel costs incidental to relocation.

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(d) The Contractor shall not be reimbursed for the following daily local travel costs:

(i) travel at U.S. Military Installations where Government transportation is available,

(ii) travel performed for personal convenience/errands, including commuting to and from work, and

(iii) travel costs incurred in the replacement of personnel when such replacement is accomplished for the Contractor's or employee's convenience.

B.11 HQ B-2-0021 CONTRACT SUMMARY FOR PAYMENT OFFICE (COST TYPE) (FEB 1997)

This entire contract is cost type.

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

C.1 BACKGROUND

The Naval Surface Warfare Center Dahlgren Division (NSWCDD) Missile Systems Integration and Weapons Effectiveness Division (H30) designs, develops, integrates and evaluates weapons systems. The Division performs weapons systems integration; electrical and mechanical analysis, design, and simulation; computational physics solutions, real-time kill assessments, land-based and waterfront integration testing, and system of systems engineering.

There are three branches within the Missile Systems Integration and Weapons Effectiveness Division: Launcher Systems (H31), Lethality and Effectiveness (H32), and Missile Systems Engineering and Integration (H33). Each branch is chartered with the research and development of new and innovative ways to advance the Warfighter, therefore eroding an adversary's power, influence, and will. To ensure the respective systems are integrated into the battlespace transparently; development efforts are cross-functional, and ever emergent, supporting both Naval and non-Naval end users. Two major programs within the Missile Systems Integration and Weapons Effectiveness Division are the Vertical Launch System (VLS) and the Littoral Combat Ship (LCS) Surface Warfare Mission Package.

This is a Task Order for the provision of services by the contractor. In accordance with law and policy and with the provisions of this contract, contractor personnel shall perform as required by this contract, and such work shall include working in cooperation and collaboration with Government personnel. Performance of this work shall require, among other things, the contractor to access and use Government owned data such as software, documentation, technical data, process and report templates. Software, documentation, and technical data generated from such access and use shall also be and remain Government owned data. The contractor's use of and access to Government owned data shall neither constitute nor create any contractor rights in or license to such data; the only contractor permissions to use and access the data shall be those necessarily required by the contractor to perform the work herein. Notwithstanding this, certain tasks within the scope of this contract may require the contractor independently to generate and develop technical data and/or noncommercial computer software. Tasking for such independent generation and development shall be specifically identified. Rights in such independently generated data and software shall be governed by the appropriate contract clauses.

C.2 SCOPE

This Statement of Work (SOW) sets forth the requirements for non-personal professional system engineering, mechanical engineering, electrical engineering, computer hardware and software engineering, design and technical direction agent engineering, configuration management, logistics support services, mechanical and electrical engineering technician services, project management and project management support functions, accounting and business services, and technical writing services to the Missile Systems Integration and Weapons Effectiveness Division.

The Contractor shall support all technical and engineering stages of development, test, integration, and fielding of safe and innovative weapon control systems, advanced weapon systems support, missile systems, launcher

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system, maritime warfare control systems, weapons effectiveness, simulation and testing, and mechanical and electrical technician support towards assembly and integration. Other duties indirectly supporting these efforts include providing business operational and financial reporting support, writing technical documentation, maintaining technical databases, and editorial support of technical publications. Specific programs or projects to be supported under this Task Order may require tasks to be completed under one or more of these areas.

C.3 APPLICABLE DOCUMENTS

The following Specifications, Standards, Processes, and Instructions govern the work described in the following paragraphs of this SOW, providing the requirements for materials, methods, processes, capabilities, attributes, qualifications, logistics support and training.

During the period of performance of this Task Order, the documents noted may be updated. Subsequently, the Contractor shall recommend for Government approval, utilization of those updated standards where possible during the remaining performance of this Task Order.

C.3.1 Department of Defense Handbook (<http://quicksearch.dla.mil/>)

MIL-HDBK-61A, Configuration Management Guidance
MIL-HDBK-454B, General Guidelines for Electronic Equipment
MIL-D-23140D, Drawings, Installation Control, for Electronic Equipment

C.3.2 Department of Defense Standards (<http://quicksearch.dla.mil/>)

MIL-STD-31000A, Technical Data Packages

C.4 REQUIREMENTS

C.4.1 Systems Engineering Requirements and Planning Support

C.4.1.1 The Contractor shall provide subject matter expertise and recommendations to user, sponsor, and peer reviews, working groups, design reviews (Preliminary Design Reviews, Critical Design Reviews), Integrated Product Teams (IPTs), and technical interchange meetings. (CDRL A003)

C.4.1.2 The Contractor shall identify a range of technically feasible engineering approaches or solutions to meet operational requirements, cost constraints, program or project timelines during engineering solution concept generation or refinement. (CDRL A003)

C.4.1.3 The Contractor shall perform feasibility analyses of Government or other vendor identified engineering approaches, solutions, or designs. (CDRL A003)

C.4.1.4 The Contractor shall design, develop, generate, or provide subject matter expertise into: Analysis of Alternatives; tradeoff assessments; studies of new systems or technologies; developmental schedules; or cost estimates of the engineering solutions. (CDRL A003)

C.4.1.5 The Contractor shall design and develop system, subsystem, or component model or architecture capturing operational context and envisioned concepts. (CDRL A004)

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C.4.1.6 The Contractor shall develop and document operational, functional, and interoperability requirements in specifications. (CDRL A003, A002)

C.4.1.7 The Contractor shall develop and document the system, subsystem, or component boundaries and interfaces. (CDRL A003, A005)

C.4.1.8 The Contractor shall develop, refine, or provide subject matter expertise into system engineering plans for maritime, launcher, missile, weapon, or weapon control systems. (CDRL A003, A002)

C.4.1.9 The Contractor shall develop, or provide subject matter expertise into strategic plans for maritime, launcher, missile, weapon, or weapon control systems. (CDRL A003, A002)

C.4.1.10 The Contractor shall provide subject matter expertise and recommendations to the selection of system, subsystem, or component solutions considering operational needs, system requirements, cost, schedule, test and evaluation strategy, and technology or operational integration risks. (CDRL A003, A002)

C.4.1.11 The Contractor shall develop or provide subject matter expertise into operational documents and plans. (CDRL A003, A002)

C.4.1.12 The Contractor shall develop and document reliability, availability, and maintainability analyses or requirements. (CDRL A003)

C.4.1.13 The Contractor shall develop detailed system engineering cost estimates to support system, subsystem, or component materiel solution decisions. (CDRL A003)

C.4.1.14 The Contractor shall develop and generate system or force level integration plans. (CDRL A003)

C.4.1.15 The Contractor shall perform requirements assessments and analysis; refine or derive lower level requirements; analyze or refine system architecture; develop system behavioral modeling; perform functional analyses or functional flows; document systems baselines; and perform system performance interface and interoperability analyses. (CDRL A003, A002)

C.4.2 Systems Engineering Design Support

C.4.2.1 The Contractor shall develop or refine designs for systems, subsystems, components, and interfaces for new or existing maritime, launcher, missile, weapons, weapons control, and weapons effectiveness systems. (CDRL A003, A002, A006)

C.4.2.2 For hardware designs, the Contractor shall generate design models; drawings; Technical Data Packages (TDPs); specifications; interface documents; and the appropriate technical and integration data, analyses, and documentation to support engineering decisions. The Contractor shall review or prepare Computer-Aided Design (CAD) system electronic or mechanical drawings and ensure drawings are clear and technically accurate based upon design specification. (CDRL A003, A005, A006, A029)

C.4.2.3 For software designs, the Contractor shall generate design data; specifications; interface control documents; software description documents; software version description documents; code; and the appropriate technical and integration data, analyses, and documentation to support engineering

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decisions. The Contractor shall derive and implement lower level requirements from system and software requirements specifications. (CDRL A003, A007, A008)

C.4.2.4 The Contractor shall refine or finalize hardware and software designs for maritime, launcher, missile, weapons, weapons control, and weapons effectiveness systems, subsystems, and components to document the product baseline for production or resolve deficiencies discovered during manufacture or end-use. The Government will review and approve all hardware and software designs prior to implementation. The Contractor shall provide subject matter expertise and recommendations on system, subsystem, and component readiness to begin production and/or deployment. The Contractor shall assist in the setup of hardware and software labs onsite at Dahlgren. (CDRL A003)

C.4.2.5 The Contractor shall develop assigned portions of various engineering studies, plans, and related documents to include Weapon System Explosives Safety Review Board (WSESRB) and Software System Safety Technical Review Panel (SSSTRP) data packages and presentations. (CDRL A003, A010, A012)

C.4.3 Engineering Life Cycle Support

C.4.3.1 The Contractor shall conduct system, subsystem, or component performance or effectiveness improvement studies. (CDRL A003, A005)

C.4.3.2 The Contractor shall perform obsolescence analyses with recommendations for replacement components or systems. (CDRL A003)

C.4.3.3 The Contractor shall provide subject matter expertise to investigate system, subsystem, or component level failures during design, integration, test, manufacture, or end-use and provide recommendations for corrective actions. Testing and Validation may be performed on Government agency or other organization designs, but shall not be performed on the Contractor's own designs. (CDRL A003)

C.4.3.4 The Contractor shall analyze deficiencies discovered during testing, outlined in production reports, maintenance reports, or user feedback trouble reports, and provide recommendations on corrective actions. (CDRL A003)

C.4.3.5 The Contractor shall perform trade studies or analyze production processes to: determine the most cost-effective fabrication or manufacturing process; resolve a failure observed during testing attributed to manufacture; or reduce manufacture process technology risk. (CDRL A003)

C.4.3.6 The Contractor shall develop and generate assembly procedures; and analyze approaches or generate plans to validate fabrication and manufacturing processes. (CDRL A003)

C.4.3.7 The Contractor shall develop and generate operator manuals, maintenance manuals, and installation and removal procedures. (CDRL A003, A002, A009)

C.4.3.8 The Contractor shall develop and generate demilitarization plans. (CDRL A003)

C.4.3.9 The Contractor shall provide subject matter expertise into, develop new or modify existing Production Automated Test Equipment (ATE) hardware and software that can successfully run Factory Acceptance Tests (FAT) for USN tactical electronics hardware.

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C.4.4 Engineering Studies and Analyses

C.4.4.1 The Contractor shall perform vulnerability analyses and develop recommendations for mitigation. (CDRL A003)

C.4.4.2 The Contractor shall analyze foreign weapons systems for application and use or for threat studies. (CDRL A003)

C.4.4.3 The Contractor shall develop or provide subject matter expertise into system threat studies or analyses. (CDRL A003, A002)

C.4.4.4 The Contractor shall develop, document, or provide subject matter expertise into Joint Technical Coordinating Group (JTTCG) documents. (CDRL A003, A002)

C.4.4.5 The Contractor shall provide analysis, design, implementation, verification and documentation for new and existing shipboard combat weapons delivery systems. This shall include: shipboard topside surveys; analyses of ships' plans and drawings; calculation of safe standoff angles from ships' structures for missiles; preparation of weapons checkout forms; coordination with local Governmental and Contractor support personnel, and updating associated documentation; and design of pointing and firing cutout zones (both new and revisions to existing), including verification of weapons' performance for development of cut-out zones. (CDRL A003)

C.4.5 Modeling and Simulation Support

C.4.5.1 The Contractor shall perform and document computer solid layout modeling and simulation. (CDRL A003)

C.4.5.2 The Contractor shall perform and document static and dynamic structural modeling and simulation. (CDRL A003)

C.4.5.3 The Contractor shall perform and document thermal modeling and simulation. (CDRL A003)

C.4.5.4 The Contractor shall perform and document blast, lethality, and effectiveness modeling and simulation. (CDRL A003)

C.4.5.5 The Contractor shall develop, verify, validate, update, and document models and simulations to support weapons effectiveness analyses, including any associated graphical user interface. (CDRL A003)

C.4.5.6 The Contractor shall document and provide source code for all models and simulations, as appropriate. (CDRL A003, A007, A008)

C.4.6 Design, Proving, Test and Verification Analysis Support

C.4.6.1 The Contractor shall develop and generate system or force level test or exercise plans, test or exercise reports, as well as lower level test plans and reports. (CDRL A003, A010)

C.4.6.2 The Contractor shall develop and generate Test and Evaluation Master Plans (TEMPs), as well as lower level test and evaluation plans. (CDRL A003, A010)

C.4.6.3 The Contractor shall develop test objectives, plans, and reports involving the design and analysis of test items and test fixtures. The

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emphasis of this work shall be associated with bench level, system integration lab, computer lab or off-site testing, not NSWCCD Range testing. (CDRL A003, A002, A010)

C.4.6.4 The Contractor shall perform requirements analyses including the review of Design Agent requirements traceability documentation to ensure the traceability of hardware and software requirements to test events and test procedures. The Contractor shall develop recommended supplemental documentation for functional, threat, and cost analysis. (CDRL A003)

C.4.6.5 The Contractor shall perform software code review or analyses, such as static or dynamic code analysis in support of design engineering, and perform software testing such as Independent Verification and Validation (IV&V). The emphasis of this work shall be on design verification and not system safety analyses. (CDRL A003, A011)

C.4.6.6 The Contractor shall perform tests and analyses to verify that the system, subsystem, or component meets the functional, allocated, or product baseline or satisfies other requirements documentation. The Contractor shall provide subject matter expertise into the reduction of system, subsystem, and component-level risk. (CDRL A003, A011)

C.4.6.7 The Contractor shall analyze test and evaluation data and perform trade off or analysis of alternatives assessments. The Contractor shall provide subject matter expertise and recommendations on reduction of design or technology risk and assess compliance with system requirements. (CDRL A003)

C.4.6.8 The Contractor shall participate in off-site system, subsystem, or component testing by performing test planning and set up, execution, data collection, test data analysis functions, and development of problem reports discovered during testing. (CDRL A003, 009)

C.4.6.9 The Contractor shall prepare or give recommendations to test documentation such as test requirements, test plans, test reports, test schedules, Mission Control Panel briefings, Mission Readiness Reviews, Test Readiness Reviews, Standard Operating Procedures (SOP), countdown checklists, safety requirements and presentations to safety review. (CDRL A003, A010, A012)

C.4.6.10 The Contractor shall provide system software testing and analysis of software-based weapon systems. The Contractor shall develop test procedures from the documented requirements and software trouble reports; perform unit, module, end-to-end, or endurance testing including the development of test procedures and test execution; perform white and black box testing; participate in or conduct independent verification and validation testing; prepare test reports and conduct analysis of test results to develop recommendations for mitigation or correction. (CDRL A010, A013)

C.4.7 Design Implementations and Integration Support

C.4.7.1 The Contractor shall fabricate and assemble systems, subsystems, components, and interfaces for new or existing maritime, launcher, missile, weapons, weapons control, and weapons effectiveness systems based on design or requirements documentation.

C.4.7.2 The Contractor shall integrate systems, subsystems, components, and interfaces for new or existing maritime, launcher, missile, weapons, weapons control, and weapons effectiveness systems based on design or requirements

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documentation.

C.4.7.3 The Contractor shall develop and generate integration, installation, or change documentation to document as built configurations. (CDRL A003)

C.4.7.4 The Contractor shall fabricate, assemble, install, solder, and connect components, sub-assemblies, and systems (including cables, wiring harnesses, cable assemblies, and circuit card assemblies). (CDRL A027)

C.4.7.5 The Contractor shall maintain, repair, troubleshoot, modify and install various types of electronic equipment and related devices such as electronic transmitting and receiving equipment (e.g., radar, radio, display devices, telecommunication, sonar, and navigational aids); tactical computers, servers, and terminals; industrial, measuring, and controlling equipment. (CDRL A028)

C.4.7.6 The Contractor shall assemble and maintain mechanical and electrical systems in support of rapid prototyping, initial hardware (mechanical or electrical) assessment, prototype evaluation, hardware assembly for initial outfitting, and system operations support. (CDRL A027)

C.4.7.7 The Contractor shall fabricate, install, maintain, or troubleshoot mechanical, electrical, or software sub-assemblies and systems during engineering events that includes weapons system platform installations, temporary system platform installations in support of system demonstrations, and system test events both on and off-site. (CDRL A027)

C.4.8 Logistics Support

C.4.8.1 The Contractor shall provide Integrated Logistic Support (ILS) including providing technical inputs to and maintaining provisioning and preparation of program documentation. (CDRL A003, A002)

C.4.9 Configuration Management Support

C.4.9.1 The Contractor shall provide configuration management (CM) support performed at the program, project, system, and subsystem levels.

C.4.9.2 The Contractor shall attend and provide technical subject matter expertise to Configuration Control Boards (CCBs) to evaluate proposed changes for system, subsystem, or component level impact or other associated system applicability. (CDRL A003, A015)

C.4.9.3 The Contractor shall generate or maintain formal Configuration Management Plans and related documentation. (CDRL A003, A015, A016)

C.4.9.4 The Contractor shall develop and implement CM tracking processes, including the use of tracking tools such as the Dynamic Object Oriented Requirement System (DOORS). The Contractor shall track configuration metrics. (CDRL A003, A014, A016)

C.4.9.5 The Contractor shall establish program or project-level configuration management technical data repositories tracking engineering change proposals (ECPs) and other configuration item data. The Contractor shall maintain and operate web-based CM server repositories. (CDRL A008, A014, A016)

C.4.9.6 The Contractor shall generate or review configuration item change documentation such as Class I and Class II Engineering Change Proposals

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(ECPs), Ship Change Documents, Requests for Deviations (RFDs), Request for Waivers (RFWs), Specification Change Notices (SCNs), and Notice of Revisions (NORs). (CDRL A017, A018, A019, A020, A021)

C.4.9.7 The Contractor shall provide subject matter expertise for the conduct of Functional Configuration Audits (FCAs) and Physical Configuration Audits (PCAs). (CDRL A003, A022)

C.4.9.8 The Contractors shall generate, maintain, or revise drawings associated with components, sub-assemblies, and systems. The Contractor shall participate in the configuration management process by maintaining controlled or versioned documentation in accordance with the program or project Configuration Management plan. The Contractor shall interface with the configuration management board or program processes by participating in drawing or program reviews to baseline or revise documentation. (CDRL A026)

C.4.10 Program and Financial Management Support

C.4.10.1 The Contractor shall organize and facilitate meetings by scheduling conference rooms at the Government and Contractor facility, generating agendas and invitations, disseminating invitations, and printing and binding presentation materials. The Contractor shall perform classified material data management, which includes receiving, tracking, and distribution of classified materials. The Contractor shall provide coordination of and provide escort for visitors, including international visitors. (CDRL A023)

C.4.10.2 The Contractor shall attend meetings to generate attendee's lists, meeting minutes, and Action Items (AIs). The Contractor shall track meeting action items and maintain status and records reflecting both open and closed action items. The Contractor shall make real-time edits to documentation during meetings. The Contractor shall contact open action item Points of Contact (POCs) for status updates and document any updates prior to recurring meetings. (CDRL A025)

C.4.10.3 The Contractor shall generate, update, and maintain program, project, or budget estimates, tracking budget execution by appropriation and funding type, addressing budget issues, recommending responses to budget data calls tracking forecast and trends of program resources and funding. The Contractor shall attend program reviews to provide financial status, budget requests, and funding projections. The Contractor shall utilize NSWCDD financial systems to track budget status. The Contractor shall execute what-if analysis for scope, schedule, and budget changes.

C.4.10.4 The Contractor shall provide project Earned Value Management (EVM) support including: coordinating, participating, and assisting in Integrated Baseline Reviews (IBRs); calculating and tracking earned value metrics; tracking EVM execution; working with the Program Financial Managers to define and enter tasking into Government systems. (CDRL A024)

C.4.10.5 The Contractor shall coordinate Government inputs, generate and deliver program weekly reports, monthly reports, program review presentations, and program status updates or highlights. The Contractor shall generate, update and maintain project action items relative to Integrated Product Teams (IPTs) or Working Groups (WGs). The Contractor shall develop meeting minutes assigned by the designated IPT or WG. (CDRL A025, A012)

C.4.10.6 The Contractor shall provide support for requirement gathering from engineers, development of documentation for Government review and submission,

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entering data into systems, tracking procurements, and receiving and organizing information for delivery of micro-purchase procurements. The Contractor is not authorized to receive any items that require NSWCCD plan accounting.

C.4.10.7 The Contractor shall generate, update and maintain Work Breakdown Structures (WBS). (CDRL A024)

C.4.10.8 The Contractor shall generate, update, and maintain Point of Contact (POC) listings such as IPT, Working Group, inventories, and procurements in process, procurement actions, and organizational matrices with locations. (CDRL A002, A012)

C.4.10.9 The Contractor shall generate, update, and maintain Integrated Master Schedules (IMSS), identifying resources, critical path items, addressing schedule issues, and synchronizing the IMS with other program IMSS. (CDRL A024)

C.4.11 Technical Writing and Editing Support

C.4.11.1 The Contractor shall perform direct writing to engineers, scientists, and other personnel who author technical and administrative publications. Configuration control shall be maintained at all stages of document generation and maintenance. (CDRL A003, A012)

C.4.11.2 The Contractor shall perform technical editing of existing Government documents and presentations to ensure technical consistency, format consistency, and proper grammar. The Contractor shall maintain configuration control at all stages of document generation and maintenance. (CDRL A002)

C.4.11.3 The Contractor shall prepare the publication of documents as directed by the Technical Point of Contact (TPOC) through the NSWCCD public document process. The Contractor shall submit and track the document through the approval process.

C.4.12 Database Support

C.4.12.1 The Contractor shall organize program, project, and IPT level documentation into repositories, including web-based repositories, and maintain the repository to facilitate documentation storage and retrieval. The Contractor shall convert program documents, weapons data and records to include video or microfiche into digital format for access via the Internet or to distribute and archive using electronic means including CDs and DVDs. (CDRL A026)

C.4.12.2 The Contractor shall maintain current databases reflecting Data Center holdings to facilitate literature searches and access by others. These databases will include all types of gun and electric weapon systems and weapon control and integration documentation, including Design Agent-generated documentation, deliverables from this contract, as well as data received from other sources. The Contractor shall also perform an outreach function to ensure holdings represent current versions. For all databases developed or maintained, the Contractor shall prepare or modify as necessary, the following documentation: database design and structure and User instructions. The Contractor shall provide training in the use of these databases. (CDRL A026)

C.4.13 Task Order Management

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C.4.13.1 Progress Report

The Contractor shall submit a Contracting Officer's Management Report. (CDRL A001)

C.4.13.2 In-Progress Reviews (IPR)

The Contractor shall participate in both formal and informal IPRs of work performed. The Government will schedule formal reviews in Government spaces. At the time the review is scheduled, the Government shall communicate the specific purpose of the review. The Contractor shall, within 60 days of the Task Order award date, conduct an initial IPR and follow an agenda agreed to by the Task Order's COR. Subsequent IPRs shall be held approximately every 90 days thereafter unless waived by the Government. (CDRL A012)

C.5 OTHER DIRECT COSTS (ODCs)

C.5.1 Travel

The Contractor shall be required to travel in performance of this Task Order. The numbers of trips and types of personnel traveling shall be limited to the minimum required to accomplish work requirements and shall be coordinated with the COR. All travel shall be conducted in accordance with FAR 31.205-46 Travel Costs and shall be pre-approved by the COR. The following travel is anticipated:

- Albuquerque, NM
- Baltimore, MD
- San Diego, CA
- Dam Neck, VA
- Norfolk, VA
- Manassas, VA
- Crystal City, VA
- Washington, DC
- Aberdeen Proving Grounds, MD
- Minneapolis, MN
- NSWC Crane, IN
- NSWC Port Hueneme, CA
- NSWC Panama City, FL
- Fort Walton Beach, FL
- Huntsville, AL
- Indianapolis, IN
- Largo, FL
- Los Angeles, CA
- Marinette, WI
- Mayport, FL
- Nashville, TN
- Patuxent River, MD
- Point Mugu, CA
- Richardson, TX
- Tucson, AZ
- Moorestown, NJ
- Brussels, Belgium

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Shrivenham, United Kingdom

C.5.2 Direct Charge of Materials and Equipment

C.5.2.1 Materials and Equipment Costs

During the performance of this Task Order, it may be necessary for the Contractor to procure materials or equipment (hereafter referred "materials") to respond to the mission requirements listed in the SOW. This Task Order is issued from a service contract and the procurement of materials of any kind that are not directly related to and necessary for contract performance may be determined to be unallowable costs pursuant to FAR Part 31. The term "material" includes supplies, parts, equipment, hardware, and Information Technology (IT) resources including hardware, services, and software. Any material provided by the Contractor is subject to the requirements of the FAR, DFARS, and the applicable Department of Navy regulations and instructions. Charges related to material costs may include general and administrative (G&A) expenses, but shall not include fee or profit.

C.5.2.2 Materials List

The materials and equipment contained in the following list are authorized for purchase once the Contractor has complied with approval requirements as stated in Sections C.5.2.3 and C.5.2.4 below:

Fasteners and miscellaneous hardware
Connectors and miscellaneous electrical hardware
Special tools and tooling (such as dial calipers, measurement gauges, torque wrenches, depth micrometers, etc.)
Prototype quantities of miscellaneous hardware and fixtures
Prototype quantities of miscellaneous electrical cabling and enclosures
Prototype quantities of circuit boards and electrical hardware
Incidental material or logistics costs (shipping/packaging) in direct support of SOW tasking and in quantities appropriate for prototype or R&D efforts
Specific IT tools that are required to support SOW tasking for particular project requirements

Materials not fitting the description listed in this Section may not be purchased and reimbursed as an Other Direct cost to this contract unless mutually agreed to by both the Government and the Contractor and subsequently added to the Task Order by contract modification.

C.5.2.3 Requiring Approvals for ODCs

All purchases of materials, exceeding \$3,500 per individual purchase, require

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COR approval prior to purchase. As well as approval by the COR, prior written approval from the Procuring Contracting Officer (PCO) shall be required for all purchases of materials under the following circumstances:

a) If the Contractor possesses an approved purchasing system, the following applies:

1) A purchase of materials in accordance with what is stated in Section C.5.2.2 above, that is greater than \$3,500 and less than or equal to \$10,000 per individual purchase may be executed with COR review and written approval. PCO approval is not required.

2) A purchase of materials in accordance with what is stated in Section C.5.2.2 above that exceeds \$10,000 per individual purchase may NOT be executed unless the COR reviews the proposed purchase and the Contract Specialist issues an electronic written PCO approval.

b) If the Contractor does not possess an approved purchasing system, the following applies:

1) A purchase of materials in accordance with what is stated in Section C.5.2.2 above that equals \$3,500 or less per individual purchase may be executed with COR review and written approval. PCO approval is not required.

2) A purchase of materials in accordance with what is stated in Section C.5.2.2 above that exceeds \$3,500 per individual purchase may NOT be executed unless the COR reviews the proposed purchase and the Contract Specialist issues an electronic written PCO approval.

c) Separate multiple purchases of amounts valued below those thresholds stated in this section shall not be submitted to circumvent the COR and PCO review and approval procedure. Splitting purchase requirements to defeat purchasing thresholds shall not be approved.

C.5.2.4 Procedure for Obtaining COR/PCO Approval

To obtain COR and/or PCO approval, the Contractor shall:

a. Submit a written request for purchase of materials to the COR (email is acceptable). The COR shall review the request. If it is in accordance with the list above and requires PCO approval, the COR shall submit the request via the Contract Specialist to the PCO for review and approval.

b. Minimum requirements for a written request for purchase are as follows:

1. Complete description of the material to be purchased
2. Quantity
3. Unit and Total Cost
4. Delivery/ Freight Charges
5. Any associated service charges such as assembly, configuration, packing, etc.
6. An explanation for the need for the material
7. List the competitive quotes received from potential suppliers
8. The basis for the selection of the selected supplier
9. Price reasonableness determination
10. If the procurement is sole sourced to a particular supplier or manufacturer, include the rationale for limiting the procurement to that supplier/manufacturer.

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c. Once the COR and/or PCO have reviewed the request, the Government shall notify the COR the outcome. Issues or details may be discussed with the Contract Specialist acting on behalf of the PCO until a final Government determination is made as to whether to approve, modify, or reject the purchase.

C.5.2.5 Disposition of Material

Upon completion of the period of performance, all materials associated with this contract that were purchased by the Contractor and not depleted during the performance of the contract shall become the property of the Government. The Contractor shall transfer all materials not depleted to the COR by way of a Material Inspection and Receiving Report (DD Form 250). The Contractor's Monthly Progress Report shall include a complete list of all material purchased to date under the contract.

C.5.2.6 Information Technology (IT) Resources

IT Resources shall not be purchased unless DOD and Navy purchasing procedures have been satisfied and approvals obtained. IT resources include personal computers (PC's), laptops, printers, software, servers, hubs, routers, phones, fax machines, and any related maintenance, telecommunications, training, or other support services. All IT Resource Other Direct Cost Purchases require COR and PCO approval regardless of the dollar value associated with the purchase.

C.6 GOVERNMENT FURNISHED EQUIPMENT, INFORMATION, AND MATERIALS

C.6.1 Government Furnished Office Space

C.6.1 The Government will provide office space in NSWCDD spaces on a full-time basis, as noted below, for Contractor personnel. Each office space shall include a desk, computer, chair, telephone, and printer access. Twenty-three (23) spaces will be required to support the work described in the SOW. The labor categories and numbers are shown in the following table.

Labor Category	Number
Senior Systems Engineer	2
Electrical Engineer	2
Computer Systems/Software Engineer	1
Junior Engineer	1

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Configuration Management Analyst	4
Program Analyst	7
Accounting Clerk III	2
Drafter/CAD Operator IV	1
Engineering Technician III	1
Engineering Technician V	2

C.6.2 Government Furnished Materials

C.6.2.1 The Government will provide existing Government program documentation (directives, agendas, minutes, instructions, letters, plans, procedures, current change documents, current financial information) upon award of the contract.

C.6.2.2 The Contractor shall track and report all Government-owned property in its custody. This requirement is in addition to anything required by regulation, statute, or the assigned Government Property Administrator. This includes items loaned by the Government as well as that which is acquired by the Contractor (CDRL A030).

C.6.2.3 Each item of Government-owned (or Contractor-acquired) property under the Task Order shall be allocated to only one TI, work area, or project. Government-owned property used by multiple TIs, work areas, or projects shall be allocated to that which paid for it, provided it, or gets the most benefit (in that order or precedence).

C.7 MANDATORY REQUIREMENTS

All mandatory requirements must be maintained throughout the life of the Task Order. The mandatory requirements are as follows:

Requirement 1: Facility Security Clearance:

The Contractor's primary facility for supporting this requirement must possess a facility clearance of SECRET and must be cleared at the SECRET level for both information processing and storage at the time of proposal submission.

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Requirement 2: Personnel Security Clearances:

All personnel providing technical support under this requirement must possess clearances at the SECRET level or higher. Interim clearances are acceptable.

Requirement 3: Facility Location:

The Offeror's primary facility must be located within 60 miles of NSWCDD, Dahlgren, VA.

C.8 SECURITY

C.8.1 Personnel providing direct support to this effort will be required to have at a minimum a DOD SECRET clearance at time of award. Interim clearances are acceptable. The Contractor will have access to information and compartments with a SECRET classification. All deliverables associated with this contract are unclassified unless otherwise specified. Access to classified spaces and material and generation of classified material shall be in accordance with the attached DD Form 254. The Department of Defense Contract Security Classification Specification (DD Form 254) provides the security classification requirements for this Task Order. The Contractor shall obtain facility and personnel security clearances as required by the Department of Industrial Security Program prior to starting to work on tasks requiring clearances. Access to classified spaces and material and generation of classified material shall be in accordance with the NISPOM and the NSWCDD Command Security Manual. All data generated under this contract shall be classified in accordance with the guidance in the NISPOM and the NSWCDD Command Security Manual.

C.8.2 The Contractor shall require access to Communications Security (COMSEC) in order to use crypto keying material at Government installations and Contractor work sites. Additionally, Contractor must have an established COMSEC account and be authorized the use of the Defense Courier Service (DCS). The Contractor will be required to receive and generate classified material, as well as store classified hardware. The storage of classified hardware is not to exceed two (2) cubic feet until such time as storage capacity is verified by the Contractor. Access to Non-SCI intelligence is needed in order to utilize intelligence documents related to foreign government weapons systems. Access to NATO is required to obtain a SIPRnet account and to utilize the DTIC system to obtain documents on intelligence. Access to Foreign government Information is required to obtain documents on specific weapon systems to support Foreign Military Sales cases. Foreign governments include the United Kingdom, Australia, Turkey, Japan, Korea, Germany, Netherlands, and Norway. Access to Critical Nuclear Weapons Design Information (CNWDI), Restricted Data, and Formerly Restricted Data is required to access information required for modeling and simulation of weapons and threats. For Official Use Only (FOUO) and Personally Identifiable Information (PII) generated and/or provided under this contract shall be safeguarded and marked as specified in DOD 5400.7-R Chapters 3 and 4. All above accesses are needed to support and provide the system engineering, development, and maintenance of missile systems and evaluation of weapons effectiveness at NSWCDD.

C.8.3 Facility Clearance: The Contractor shall possess and maintain a SECRET facility clearance as verified within the Industrial Security Facility Database.

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C.8.4 Physical Security: The Contractor shall be responsible for safeguarding all Government information or property provided for Contractor use. At the end of each work period, Government information, facilities, equipment and materials shall be secured as specified by the NISPOM and the NSWCDD Command Security Manual. SECRET storage is required at the Contractor's facility in order to meet requirements of receiving and generating classified material in accordance with this contract.

C.8.5 Electronic Spillages (ES) are unacceptable and pose a risk to national security. An electronic spillage is defined as classified data placed on an information system (IS), media or hardcopy document possessing insufficient security controls to protect the data at the required classification level, thus posing a risk to national security (e.g., sensitive compartmented information (SCI) onto collateral, Secret onto Unclassified, etc.). The Contractor's performance as it relates to ES will be evaluated by the Government. ES reflects on the overall security posture of NSWCDD and a lack of attention to detail with regard to the handling of classified information of IS security discipline and will be reflected in the Contractor's performance rating. In the event that a Contractor is determined to be responsible for an ES, all direct and indirect costs incurred by the Government for ES remediation will be charged to the Contractor.

C.8.6 NSWCDD Security will continue to be responsible for the corrective action plan in accordance with the security guidance reflected on the DOD Contract Security Classification Specification - DD254. NSWCDD Security will identify the Contractor facility and contract number associated with all electronic spillages during the investigation that involve Contractor support. NSWCDD Security will notify the Contracts Division with the Contractor facility name and contract number, incident specifics and associated costs for cleanup. The Contracting Officer will be responsible to work with the Contractor Facility to capture the costs incurred during the spillage clean up. The Contractor is also responsible for taking Information Security Awareness training annually, via their Facility Security Officer (FSO), as part of the mandatory training requirements. If a spillage occurs additional training will be required to prevent recurrence.

C.8.7 Portable Electronic Devices (PEDs)

C.8.7.1 Non-Government and/or personally owned portable electronic devices (PEDs) are prohibited in all NSWCDD buildings with the exception of personally owned cell phones which are authorized for use in spaces up to and including Controlled Access Areas. The Contractor shall ensure the onsite personnel remain compliant with this PED policy. NSWCDD instruction defines PEDs as the following: any electronic device designed to be easily transported, with the capability to store, record, receive or transmit text, images, video, or audio data in any format via any transmission medium. PED's include, but are not limited to, pagers, laptops, radios, compact discs and cassette players/recorders. In addition, this includes removable storage media such as flash memory, memory sticks, multimedia cards and secure digital cards, micro-drive modules, ZIP drives, ZIP disks, CD-RWs, DVD-RWs, MP3 players, iPad, digital picture frames, electronic book readers, kindle, nook, cameras, external hard dish drives, and floppy diskettes.

C.8.7.2 Personal Wearable Fitness Devices (PWFs) marketed primarily as fitness or sleep devices are allowed in all Navy spaces where collateral non-Sensitive Compartmented Information (SCI), classified information is processed, stored, or discussed up to and including secret. User must ensure PWF is compliant with all requirements in NAVADMIN 216/15, Cyber Hygiene

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Authorization to use Personal Wearable Fitness Devices (e.g., Fitbit, Jawbone UP, etc.) in Navy Spaces, dated 14 September 2015 and register PWFDD in the NSWCDD Fitness Device Tracker.

C.8.7.3 PED's belonging to an external organization shall not be connected to NSWCDD networks or infrastructure without prior approval from the NSWCDD Information Assurance and Compliance Branch. This approval will be granted using the TARIS form and action tracker process.

C.8.7.4 Personally owned hardware or software shall not be connected or introduced to any NSWCDD hardware, network or information system infrastructure.

C.8.8 Operations Security (OPSEC)

C.8.8.1 All Contractors (including Sub-Contractors) shall supplement their current security practices by requiring any personnel involved in executing this contract to complete Government-sponsored and administered Operations Security (OPSEC) training. In addition, all Contractors should be aware of the Critical Information List (CIL) for the department they are supporting as well as the OPSEC plan for NSWCDD. Upon contract award, all identified Contractors (including Sub-Contractors) shall sign a Contractor's conformance statement and submit it to the NSWCDD COR named in block 13 of the attached DD-254 thereby acknowledging that they will meet the requirements of this contract. The COR shall contact their Department Training Coordinator to schedule key employees to attend the Government-sponsored OPSEC training. The Contractor must immediately notify the Government upon the discovery of any nonconformance with the OPSEC Plan.

C.8.9 Privacy Program Training

C.8.9.1 Privacy Program Training is mandatory for all NSWCDD personnel (military, civilian, and Contractor) and must be completed annually. The Total Workforce Management System (TWMS) is the official database for workforce training and is the preferred tool for taking and recording privacy act training. All NSWCDD personnel are responsible for ensuring individual annual privacy training requirements are met.

C.8.10 Visits by Foreign Nationals and Foreign Representatives

C.8.10.1 Contract performance may require that the Contractor host, at an off-base location, foreign nationals and/or foreign representatives. A foreign national is a person who is a citizen of a foreign nation, and who is not a citizen of the United States. A foreign representative is a person who represents a foreign interest in dealings with the U.S. Government, either directly or through dealings with a U.S. Government Contractor. A foreign representative may be a United States citizen.

C.8.10.1.1 A Contractor-hosted visit of a foreign national or foreign representative may be either an "official" visit or an "unofficial" visit. An official visit is a visit where the foreign national or foreign representative is representing a foreign government in an official capacity. An unofficial visit is a visit where the foreign national or foreign representative is not representing a foreign government.

C.8.10.1.2 A visit by a foreign national or a foreign representative may be either "DOD Sponsored" or "Non-DOD Sponsored". A DOD Sponsored visit is a visit that is coordinated by a DOD entity. A Non-DOD Sponsored visit is a

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visit that does not involve DOD coordination (A visit by either a foreign national or a foreign representative pursuant to performance by the Contractor under this contract is not considered to be, by itself, a sponsored visit).

C.8.10.2 The Contractor hosting a visit by either a foreign national or a foreign representative is responsible for adherence to Department of Defense and Department of the Navy directives, instructions, regulations, and manuals that govern foreign disclosure. "Foreign Disclosure" is defined as the disclosure of Classified Military Information (CMI) and Controlled Unclassified Information (CUI) to foreign nationals and/or foreign representatives. Disclosure of such information may be accomplished orally, visually, in writing, or by any other medium.

C.8.10.2.1 Classified Military Information (CMI). This is information that is originated by or for the Department of Defense, or a Military Department, or an entity under its jurisdiction and control, and which requires protection in the interest of national security. Such information is designated as TOP SECRET, SECRET, or CONFIDENTIAL.

C.8.10.2.2 Controlled Unclassified Information (CUI). This is information that although unclassified is subject to access or distribution limitations in accordance with statute or regulation. Included is information exempt from mandatory release to the public under the Freedom of Information Act, or information that is subject to export control.

C.8.10.3 Naval Surface Warfare Center Dahlgren Division (NSWCDD) Foreign National Visitor and Foreign Disclosure Application process. The NSWCDD has established a foreign national visitor approval and foreign disclosure process. Whenever, pursuant to the terms of this contract, a visit to a Contractor facility or Contractor workspace by a foreign national or foreign representative is anticipated, and one or more NSWCDD employees will be in attendance at this visit/meeting for the purpose of potential discussions, above the public release level, resulting in disclosure of either CMI or CUI, a completed "NSWCDD Foreign National Visitor and Foreign Disclosure Application" e-form must be supplied to the Contractor's Facility Security Officer (FSO). The accountable NSWCDD personnel attending the meeting must ensure that the NSWCDD disclosure process has been complied with and an approved copy of the "NSWCDD Foreign National Visitor and Foreign Disclosure Application" generated e-form has been provided to the COR and the Contractor's FSO. The Contractor's FSO should ensure that approved copies of the e-form are maintained at their facility as a record of compliance with requirements set forth in the National Industrial Security Program Operating Manual (NISPOM) as well as the requirements set forth above.

C.9 ON-SITE ENVIRONMENTAL AWARENESS

The Contractor shall strictly adhere to all Federal, State and local laws and regulations, Executive Orders, and Department of Defense and Navy policies.

The Contractor shall ensure that each Contractor employee who has been or will be issued a Common Access Card (CAC) completes the annual NSWCDD Environmental Awareness Training (EAT) within 30 days of commencing contract performance and annually thereafter as directed by their NSWCDD training coordinator or their COR.

The Contractor shall ensure that each Contractor employee not required to complete the training described above (i.e., those who do not have and will not be issued a CAC) reads the NSWCDD Environmental Policy Statement within 30 days of commencing contract performance. This document will be available from

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the COR, however, the policy is also provided on the publicly-available NSWCDD website, https://wwwdd.nmci.navy.mil/program/Safety_and_Environmental_Office.

Within 30 days of commencing contract performance, the Contractor shall certify by e-mail to their COR that the requirements captured above have been met. The e-mail shall include each employee name and work site and shall indicate which requirement above each employee has satisfied.

Contractor copies of the records generated by the actions described above will be maintained and disposed of by the Contractor in accordance with SECNAVINST 5210.8D.

C.10 ON-SITE SAFETY REQUIREMENTS

The Contractor shall strictly adhere to Federal Occupational Safety and Health Agency (OSHA) Regulations, Environmental Protection Agency (EPA) Regulations, and all applicable state and local requirements.

The Contractor shall ensure that each Contractor employee reads the document entitled, "Occupational Safety and Health (OSH) Policy Statement" within 30 days of commencing performance at NSWCDD. This document is available at: https://wwwdd.nmci.navy.mil/program/Safety_and_Environmental_Office/Safety/Safety.html.

The Contractor shall provide each Contractor employee with the training required to do his/her job safely and in compliance with applicable regulations. The Contractor shall document and provide, upon request, qualifications, certifications, and licenses as required.

The Contractor shall provide each Contractor employee with the personal protective equipment required to do their job safely and in compliance with all applicable regulations.

Contractors working with ionizing radiation (radioactive material or machine sources) must comply with NAVSEA S0420-AA-RAD-010 (latest revision)[provided upon request]. Prior to bringing radioactive materials or machine sources on base, the Contractor must notify the Command Radiation Safety Officer in the Safety & Environmental Office.

The Contractor shall ensure that all hazardous materials (hazmat) procured for NSWCDD are procured through or approved through the hazmat procurement process. Hazmat brought into NSWCDD work spaces shall be reviewed and approved by the Safety & Environmental Office prior to use by submitting an Authorized Use List addition form and Safety Data Sheet that shall be routed through the Government supervisor responsible for the specific work area. The Authorized Use List addition form can be found at https://wwwdd.nmci.navy.mil/program/Safety_and_Environmental_Office/.

Upon request, the Contractor shall submit their OSHA 300 Logs (injury/illness rates) for review by the Safety Office. If a Contractor's injury/illness rates are above the Bureau of Labor & Statistics industry standards, a safety assessment will be performed by the Safety Office to determine if any administrative or engineering controls can be utilized to prevent further injuries/illnesses, or if any additional PPE or training will be required.

Applicable Contractors shall submit Total Case Incident Rate (TCIR) and Days Away, Restricted and Transfer (DART) rates for the past three years upon request by the Safety Office. A Contractor meets the definition of applicable

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if its employees worked 1,000 hours or more in any calendar quarter on site and where oversight is not directly provided in day to day activities by the command.

The Contractor shall report all work-related injuries/illnesses that occurred while working at NSWCCD to the Safety Office.

The Contractor shall ensure that all on-site Contractor work at NSWCCD is in accordance with the local commands' Occupational Safety and Health Instruction.

C.11 POST AWARD MEETINGS

A Post-Award Meeting will be conducted within 5 working days after award of the Contract. The meeting will be held at a TBD location in Dahlgren, Virginia. The Contractor will be given at least five working-days' notice prior to the date of the meeting by the Contract Specialist. The requirement for a Post-Award Meeting shall, in no event, constitute grounds for excusable delay by the Contractor in performance of any provisions of the Task Order.

C.12 OPERATION OF GOVERNMENT VEHICLES

The Contractor may be required to drive Government vehicles both on-site at NSWC, Dahlgren Division, and off-site in the performance of duties associated with the tasking of this contract. Government provided vehicles will be used solely for the purposes as described in the Statement of Work and, if issued, of this contract. All drivers must present proof of a valid state driver's license prior to operating a Government vehicle. A valid state driver's license shall be accepted as proper authority for operation of vehicles up to and including 10,000 pounds gross vehicle weight and carrying less than 15 passengers. For vehicles over 10,000 pounds and carrying more than 15 passengers a valid state driver's license and proof of required Navy training for those vehicles is required. The state driver's license must be valid for the class and weight of the vehicle which the will be operating. Individual Technical Instructions, if required, will identify the specific vehicles which may be operated.

C.13 SHIPBOARD PROTOCOL

This tasking may involve platform engineering and fleet support onboard ship. As such, the Offeror is reminded of his responsibility to assure that shipboard protocol is stringently followed. Specifically, visit clearances must be arranged through the Government sponsor and must be forwarded to the individual command being visited as well as to all supporting commands, such as the base, squadron, tender, etc. that the visitor must pass through to get to the ship; the Contractor is responsible for obtaining and maintaining specialized training (i.e. nuclear awareness, safety, quality control, etc.) and certification (i.e. SUBSAFE certificates etc.); personnel performing on board US Navy Ships must have at least a Secret Security Clearance; if not led by a Government representative the Contractor is responsible for briefing the ship/command upon arrival; and the Contractor is responsible for debriefing the ship/command upon departure to include operational status of the equipment.

The Contractor shall ensure its personnel adhere to these requirements when performing shipboard tasking. Compliance shall be reported in the trip report.

All assigned personnel must possess at least a SECRET Security Clearance.

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All personnel, while shipboard, shall conform to the rules and regulations of the ship. It is the responsibility of the Contractor to determine the proper rules, regulations, actions, policy and procedures.

Alarms - actual or drill shall be reported and procedures appropriately adhered.

Safety - hardhats, tag-outs, safety shoes, goggles, safety harnesses, etc., as appropriate shall be utilized.

Some shipboard tasking may require ascending and descending vertical ladders to and from the highest points of the ship both pierside and underway.

Must be able stand; walk; climb stairs; balance; stoop; kneel; crouch or crawl around and lift a maximum of 50 lbs (single person) in the test environment.

HAZMAT - Bringing hazardous materials aboard, using hazardous materials is strictly prohibited.

The designated team lead shall, upon arrival, brief the Commanding Officer or his/her designated representative as to the purpose of the visit and expected duration.

The designated team lead shall, upon final departure, debrief the Commanding Officer or his/her designated representative as to the success of the tasking and the operational condition of affected equipment.

The Contractor shall comply with COMUSFLTFORCOM/COMPACFLT INSTRUCTION 6320.3A regarding the medical and dental screening of all personnel that may embark aboard any U.S. Navy vessel.

The Contractor shall ensure that repair and maintenance employees working aboard vessels, dry docks and piers shall have a valid 10 hour OSHA Maritime Shipyard Employment Course #7615 completion card within 60 days of employment.

C.14 SKILLS AND TRAINING

The Contractor shall provide capable personnel with qualifications, experience levels, security clearances, and necessary licenses, certifications, and training required by Federal, State, and Local laws and regulations. This includes Information assurance functions requiring certifications specified in DFARS 252.239-7001. Training necessary to ensure that personnel performing under this contract maintain the knowledge and skills to successfully perform the required functions is the responsibility of the Contractor. Training necessary to maintain professional certification is the responsibility of the Contractor. Any training required and available from only a Government source shall be approved in advance by the COR and Contracting Officer.

C.15 SUB-CONTRACTORS/CONSULTANTS

In addition to the information required by FAR 52.244-2 Alternate 1 (OCT 2010), the Contractor shall include the following information in requests to add Sub-contractors or consultants during performance, regardless of Sub-contract type or pricing arrangement.

(1) Clearly present the business case for the addition of the Sub-contractor/consultant,

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(2) If applicable, the impact on subcontracting goals, and

(3) Impact on providing support at the contracted value.

C.16 NON-DISCLOSURE AGREEMENTS (NDAs)

NDAs may be utilized to allow for access to company sensitive and proprietary data. For tasks requiring NDAs, the Contractor shall obtain appropriate agreements for all of their employees that are associated with the task requiring such an agreement. Contractor personnel may be required, from time to time, to sign non-disclosure statements/ agreements as applicable to specific tasking. The COR will notify the Contractor of the number and type of personnel that will need to sign the NDAs. The signed NDAs shall be executed prior to accessing data or providing support for information that must be safeguarded. Copies of all executed NDAs shall be provided to the COR for endorsement and retention.

C.17 DIGITAL DELIVERY OF DATA

C.17.1 Delivery by the Contractor to the Government of certain technical data and other information is now frequently required to be made in digital form rather than in hardcopy form. The method of delivery of such data and/or information (i.e., electronic, digital, paper hardcopy, or other form) shall not be deemed to affect in any way either the identity of the information (i.e., as "technical data" or "computer software") or the Government's and the Contractor's respective rights therein.

C.17.2 Whenever technical data and/or computer software deliverables required by this contract are to be delivered in digital form, any authorized, required, or permitted markings relating to the Government's rights in and to such technical data and/or computer software must also be digitally included as part of the deliverable and on or in the same medium used to deliver the technical data and/or software. Such markings must be clearly associated with the corresponding technical data and/or computer software to which the markings relate and must be included in such a way that the marking(s) appear in human-readable form when the technical data and/or software is accessed and/or used. Such markings must also be applied in conspicuous human-readable form on a visible portion of any physical medium used to effect delivery of the technical data and/or computer software. Nothing in this paragraph shall replace or relieve the Contractor's obligations with respect to requirements for marking technical data and/or computer software that are imposed by other applicable clauses such as, where applicable and without limitation, DFARS 252.227-7013 and/or DFARS 252.227-7014.

C.17.3 Digital delivery means (such as internet tools, websites, shared networks, and the like) sometimes require, as a condition for access to and/or use of the means, an agreement by a user to certain terms, agreements, or other restrictions such as "Terms of Use," licenses, or other restrictions intended to be applicable to the information being delivered via the digital delivery means. The Contractor expressly acknowledges that, with respect to deliverables made according to this contract, no such terms, agreements, or other restrictions shall be applicable to or enforceable with respect to such deliverables unless such terms, agreements, or other restrictions expressly have been accepted in writing by the Contracting Officer; otherwise, the Government's rights in and to such deliverables shall be governed exclusively by the terms of this Task Order.

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C.18 SENSITIVE, PROPRIETARY, AND PERSONAL INFORMATION

Work under this contract may require that personnel have access to Privacy Information. Contractor personnel shall adhere to the Privacy Act, Title 5 of the U.S. Code, Section 552a and applicable agency rules and regulations. Access to and preparation of sensitive information subject to Privacy Act and Business Sensitive safeguarding and destruction may be required in the execution of Act and Business Sensitive safeguarding and destruction may be required in the execution of tasking associated with this contract. Administratively sensitive information/data must not be shared outside of the specific work areas. All personnel with access to privacy act data in support of this contract must sign a privacy act certification.

C.19 NON-PERSONAL SERVICES/INHERENTLY GOVERNMENTAL FUNCTIONS

The Government will neither supervise Contractor employees nor control the method by which the Contractor performs the required tasks. The Government will not direct the hiring, dismissal or reassignment of Contractor personnel. Under no circumstances shall the Government assign tasks to, or prepare work schedules for, individual Contractor employees. It shall be the responsibility of the Contractor to manage its employees and to guard against any actions that are of the nature of personal services or give the perception that personal services are being provided. If the contractor feels that any actions constitute, or are perceived to constitute personal services, it shall be the Contractor's responsibility to notify the Contracting Officer immediately in accordance with the clause 52.243.7.

Inherently-Governmental functions are not within the scope of this Task Order. Decisions relative to programs supported by the Contractor shall be the sole responsibility of the Government. The Contractor may be required to attend technical meetings for the Government; however, they are not, under any circumstances, authorized to represent the Government or give the appearance that they are doing so.

C.20 CONTRACTOR IDENTIFICATION

The Contractor shall be required to obtain identification badges from the Government for all Contractor personnel requiring regular access to Government property. The identification badge shall be visible at all times while employees are on Government property. The Contractor shall furnish all requested information required to facilitate issuance of identification badges and shall conform to applicable regulations concerning the use and possession of the badges. The Contractor shall be responsible for ensuring that all identification badges issued to Contractor employees are returned to the appropriate Security Office within 48 hours following completion of the Task Order, relocation or termination of an employee, and upon request by the Contracting Officer.

All Contractor personnel shall identify their company affiliation when answering or making telephone calls and sending email and when attending meetings where Government personnel or representatives from another Contractor are present.

C.21 CONTROL OF CONTRACTOR PERSONNEL

The Contractor shall comply with the requirements of NAVSEA and NSWCDD instructions regarding performance in Government facilities. All persons engaged in work while on Government facilities shall be subject to search of

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their persons (no bodily search) and vehicles at any time by the Government, and shall report any known or suspected security violations to the appropriate Security Department. Assignment, transfer, and reassignment of Contractor personnel shall be at the discretion of the Contractor. However, when the Government directs, the Contractor shall remove from contract performance any person who endangers life, property, or national security through improper conduct. All Contractor personnel engaged in work while on Government facilities shall be subject to the Department of Defense Standards of Conduct.

C.22 TERMINATION OF EMPLOYEES WITH U.S. GOVERNMENT BADGES

The Contractor shall ensure that all employees who have a U.S. Government badge and/or vehicle sticker turn in the badge and remove the vehicle sticker immediately upon termination of their employment under this Task Order. The above requirement shall be made a part of the standard employee facility clearance procedures for all separating personnel. The Contractor shall advise the U.S. Government of all changes in their personnel requiring base access.

For involuntarily separated personnel and those separated under adverse circumstances, the Contractor shall immediately notify the U.S. Government and make arrangements between the employee and the U.S. Government for the return of the badge and removal of the vehicle sticker. In the event the employee is separated in his or her absence, the Contractor shall immediately notify the U.S. Government of the separation and make arrangements between the former employee and the U.S. Government for the return of the badge and removal of the sticker.

C.23 ENTERPRISE-WIDE CONTRACTOR MANPOWER REPORTING APPLICATION (ECMRA)

The Contractor shall report Contractor labor hours (including Sub-contractor labor hours) required for performance of services provided under this contract for the Naval Surface Warfare Center, Dahlgren Division via a secure data collection site. Contracted services excluded from reporting are based on Product Service Codes (PSCs). The excluded PSCs are: (1) W, Lease/Rental of Equipment; (2) X, Lease/Rental of Facilities; (3) Y, Construction of Structures and Facilities; (4) S, Utilities ONLY; (5) V, Freight and Shipping ONLY.

The Contractor is required to completely fill in all required data fields using the following web address <https://doncmra.nmci.navy.mil>.

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

C.24 INFORMATION SECURITY AND COMPUTER SYSTEM USAGE

In accordance with U.S. Navy policy, any personnel, including the Contractor, who utilizes DOD-owned systems, shall assume responsibility for adherence to restrictions regarding internet and e-mail usage. Navy policy prohibits racist, sexist, threatening, pornographic, personal business, subversive or politically partisan communications. All personnel, including the Contractor, are accountable and must act accordingly. DOD computer systems are monitored

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to ensure that the use is authorized, to facilitate protection against unauthorized access, and to verify security procedures, survivability and operational security. During monitoring, information may be examined, recorded, copied, and used for authorized purposes. All information, including personal information, placed on or sent over a DOD system may be monitored. Use of a DOD system constitutes consent to monitoring. Unauthorized use may result in criminal prosecution. Evidence of unauthorized use collected during monitoring may be used as a basis for recommended administrative, criminal or adverse action.

C.25 USE OF INFORMATION SYSTEM (IS) RESOURCES

C.25.1 Contractor Provision of IS Resources

C.25.1.1 Except in special circumstances explicitly detailed elsewhere in this document, the Contractor shall provide all IS resources needed in the performance of this contract. This includes, but is not limited to computers, software, networks, certificates, and network addresses.

C.25.2 Contractor Use of NSWCCD IS Resources

C.25.2.1 In the event that the Contractor is required to have access to NSWCCD IS resources, the login name used for access shall conform to the NMCI login naming convention. If the Contractor requires access to applications/ systems that utilize client certificates for authentication, the Contractor is responsible for obtaining requisite certificates from a DOD or External Certificate Authority.

C.25.2.2 If this contract requires that the Contractor be granted access and use of NSWCCD IS resources (at any site), the IS shall be accredited for Contractor use in accordance with procedures specified by the Information Assurance Office (IAO).

C.25.3 Connections Between NSWCCD and Contractor Facilities

C.25.3.1 If there is a requirement (specifically delineated elsewhere in this contract) for interconnection (e.g., link level or Virtual Private Network (VPN)) between any facilities and/or ISs owned or operated by the Contractor and ISs owned or operated by NSWCCD, such interconnection shall take place only after approval from the IAO. All such connections as well as the ISs connected thereto will be accredited in accordance with DOD policy (DODI 5200.40) by the cognizant Designated Approving Authority (DAA) and comply with the requirements of CJCSI 6211.02B regarding Memorandums of Agreement. All such connections will be made outside the appropriate NSWCCD firewall.

C.26 NOTIFICATION OF POTENTIAL ORGANIZATIONAL CONFLICT(S) OF INTEREST

Offerors are reminded that certain arrangements may preclude, restrict or limit participation, in whole or in part, as either a Sub-contractor or as a Prime Contractor under this competitive procurement. Notwithstanding the existence or non-existence of an OCI clause in the current contract, the Offeror shall comply with FAR 9.5 and identify if an OCI exists at any tier or arises at any tier at any time during contract performance. The Contractor shall provide notice within 14 days of receipt of any information that may indicate a potential OCI and how they shall mitigate this.

C.27 HQ C-1-0001 ITEMS - DATA REQUIREMENTS (NAVSEA) (SEP 1992)

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The data to be furnished hereunder shall be prepared in accordance with the Contract Data Requirements List, DD Form 1423, Exhibit A, attached hereto.

C.25 HQ C-2-0002 ACCESS TO PROPRIETARY DATA OR COMPUTER SOFTWARE (NAVSEA) (JUN 1994)

(a) Performance under this contract may require that the Contractor have access to technical data, computer software, or other sensitive data of another party who asserts that such data or software is proprietary. If access to such data or software is required or to be provided, the Contractor shall enter into a written agreement with such party prior to gaining access to such data or software. The agreement shall address, at a minimum, (1) access to, and use of, the proprietary data or software exclusively for the purposes of performance of the work required by this contract, and (2) safeguards to protect such data or software from unauthorized use or disclosure for so long as the data or software remains proprietary. In addition, the agreement shall not impose any limitation upon the Government or its employees with respect to such data or software. A copy of the executed agreement shall be provided to the Contracting Officer. The Government may unilaterally modify the contract to list those third parties with which the Contractor has agreement(s).

(b) The Contractor agrees to: (1) indoctrinate its personnel who will have access to the data or software as to the restrictions under which access is granted; (2) not disclose the data or software to another party or other Contractor personnel except as authorized by the Contracting Officer; (3) not engage in any other action, venture, or employment wherein this information will be used, other than under this contract, in any manner inconsistent with the spirit and intent of this requirement; (4) not disclose the data or software to any other party, including, but not limited to, joint venturer, affiliate, successor, or assign of the Contractor; and (5) reproduce the restrictive stamp, marking, or legend on each use of the data or software whether in whole or in part.

(c) The restrictions on use and disclosure of the data and software described above also apply to such information received from the Government through any means to which the Contractor has access in the performance of this contract that contains proprietary or other restrictive markings.

(d) The Contractor agrees that it will promptly notify the Contracting Officer of any attempt by an individual, company, or Government representative not directly involved in the effort to be performed under this contract to gain access to such proprietary information. Such notification shall include the name and organization of the individual, company, or Government representative seeking access to such information.

(e) The Contractor shall include this requirement in subcontracts of any tier which involve access to information covered by paragraph (a), substituting "Sub-contractor" for "Contractor" where appropriate.

(f) Compliance with this requirement is a material requirement of this contract.

C.28 HQ C-2-0004 ACCESS TO THE VESSEL(S) (AT) (NAVSEA) (JAN 1983)

Officers, employees and associates of other Prime Contractors with the Government and their Sub-contractors, shall, as authorized by the Supervisor, have, at all reasonable times, admission to the plant, access to the vessel(s) where and as required, and be permitted, within the plant and on the vessel(s)

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required, to perform and fulfill their respective obligations to the Government. The Contractor shall make reasonable arrangements with the Government or Contractors of the Government, as shall have been identified and authorized by the Supervisor to be given admission to the plant and access to the vessel(s) for office space, work areas, storage or shop areas, or other facilities and services, necessary for the performance of the respective responsibilities involved, and reasonable to their performance.

C.29 HQ C-2-0005 ACCESS TO VESSELS BY NON-U.S. CITIZENS (NAVSEA) (DEC 2005)

(a) No person not known to be a U.S. citizen shall be eligible for access to naval vessels, work sites and adjacent areas when said vessels are under construction, conversion, overhaul, or repair, except upon a finding by COMNAVSEA or his designated representative that such access should be permitted in the best interest of the United States. The Contractor shall establish procedures to comply with this requirement and NAVSEAINST 5500.3 (series) in effect on the date of this contract or agreement.

(b) If the Contractor desires to employ non-U.S. citizens in the performance of work under this contract or agreement that requires access as specified in paragraph (a) of this requirement, approval must be obtained prior to access for each contract or agreement where such access is required. To request such approval for non-U.S. citizens of friendly countries, the Contractor shall submit to the cognizant Contract Administration Office (CAO), an Access Control Plan (ACP) which shall contain as a minimum, the following information:

(1) Badge or Pass oriented identification, access, and movement control system for non-U.S. citizen employees with the badge or pass to be worn or displayed on outer garments at all times while on the Contractor's facilities and when performing work aboard ship.

(i) Badges must be of such design and appearance that permits easy recognition to facilitate quick and positive identification.

(ii) Access authorization and limitations for the bearer must be clearly established and in accordance with applicable security regulations and instructions.

(iii) A control system, which provides rigid accountability procedures for handling lost, damaged, forgotten or no longer required badges, must be established.

(iv) A badge or pass check must be performed at all points of entry to the Contractor's facilities or by a site supervisor for work performed on vessels outside the Contractor's plant.

(2) Contractor's plan for ascertaining citizenship and for screening employees for security risk.

(3) Data reflecting the number, nationality, and positions held by non-U.S. citizen employees, including procedures to update data as non-U.S. citizen employee data changes, and pass to cognizant CAO.

(4) Contractor's plan for ensuring Sub-contractor compliance with the provisions of the Contractor's ACP.

(5) These conditions and controls are intended to serve as guidelines

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representing the minimum requirements of an acceptable ACP. They are not meant to restrict the Contractor in any way from imposing additional controls necessary to tailor these requirements to a specific facility.

(c) To request approval for non-U.S. citizens of hostile and/or communist-controlled countries (listed in Department of Defense Industrial Security Manual, DOD 5220.22-M or available from cognizant CAO), Contractor shall include in the ACP the following employee data: name, place of birth, citizenship (if different from place of birth), date of entry to U.S., extenuating circumstances (if any) concerning immigration to U.S., number of years employed by Contractor, position, and stated intent concerning U.S. citizenship. COMNAVSEA or his designated representative will make individual determinations for desirability of access for the above group. Approval of ACP's for access of non-U.S. citizens of friendly countries will not be delayed for approval of non-U.S. citizens of hostile communist-controlled countries. Until approval is received, Contractor must deny access to vessels for employees who are non-U.S. citizens of hostile and/or communist-controlled countries.

(d) The Contractor shall fully comply with approved ACPs. Noncompliance by the Contractor or Sub-contractor serves to cancel any authorization previously granted, in which case the Contractor shall be precluded from the continued use of non-U.S. citizens on this contract or agreement until such time as the compliance with an approved ACP is demonstrated and upon a determination by the CAO that the Government's interests are protected. Further, the Government reserves the right to cancel previously granted authority when such cancellation is determined to be in the Government's best interest.

Use of non-U.S. citizens, without an approved ACP or when a previous authorization has been canceled, will be considered a violation of security regulations. Upon confirmation by the CAO of such violation, this contract, agreement or any job order issued under this agreement may be terminated or default in accordance with the clause entitled "DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)" (FAR 52.249-8), "DEFAULT (FIXED-PRICE RESEARCH AND DEVELOPMENT)" (FAR 52.249-9) or "TERMINATION (COST REIMBURSEMENT)" (FAR 52.249-6), as applicable.

(e) Prime Contractors have full responsibility for the proper administration of the approved ACP for all work performed under this contract or agreement, regardless of the location of the vessel, and must ensure compliance by all Sub-contractors, technical representatives and other persons granted access to U.S. Navy vessels, adjacent areas, and work sites.

(f) In the event the Contractor does not intend to employ non-U.S. citizens in the performance of the work under this contract, but has non-U.S. citizen employees, such employees must be precluded from access to the vessel and its work site and those shops where work on the vessel's equipment is being performed. The ACP must spell out how non-U.S. citizens are excluded from access to contract work areas.

(g) The same restriction as in paragraph (f) above applies to other non-U.S. citizens who have access to the Contractor's facilities (e.g., for accomplishing facility improvements, from foreign crewed vessels within its facility, etc.)

C.30 HQ C-2-0011 COMPUTER SOFTWARE AND/OR COMPUTER DATABASE(S) DELIVERED TO AND/OR RECEIVED FROM THE GOVERNMENT (NAVSEA) (APR 2004)

(a) The Contractor agrees to test for viruses all computer software and/or

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computer databases, as defined in the clause entitled "RIGHTS IN NONCOMMERCIAL COMPUTER SOFTWARE AND NONCOMERCIAL COMPUTER SOFTWARE DOCUMENTATION" (DFARS 252.227-7014), before delivery of that computer software or computer database in whatever media and on whatever system the software is delivered. The Contractor warrants that any such computer software and/or computer database will be free of viruses when delivered.

(b) The Contractor agrees to test any computer software and/or computer database(s) received from the Government for viruses prior to use under this contract.

(c) Unless otherwise agreed in writing, any license agreement governing the use of any computer software to be delivered as a result of this contract must be paid-up and perpetual, or so nearly perpetual as to allow the use of the computer software or computer data base with the equipment for which it is obtained, or any replacement equipment, for so long as such equipment is used. Otherwise the computer software or computer database does not meet the minimum functional requirements of this contract. In the event that there is any routine to disable the computer software or computer database after the software is developed for or delivered to the Government, that routine shall not disable the computer software or computer database until at least twenty-five calendar years after the delivery date of the affected computer software or computer database to the Government.

(d) No copy protection devices or systems shall be used in any computer software or computer database delivered under this contract to restrict or limit the Government from making copies. This does not prohibit license agreements from specifying the maximum amount of copies that can be made.

(e) Delivery by the Contractor to the Government of certain technical data and other data is now frequently required in digital form rather than as hard copy. Such delivery may cause confusion between data rights and computer software rights. It is agreed that, to the extent that any such data is computer software by virtue of its delivery in digital form, the Government will be licensed to use that digital-form data with exactly the same rights and limitations as if the data had been delivered as hard copy.

(f) Any limited rights legends or other allowed legends placed by a Contractor on technical data or other data delivered in digital form shall be digitally include on the same media as the digital-form data and must be associated with the corresponding digital-form technical data to which the legends apply to the extent possible. Such legends shall also be placed in human-readable form on a visible surface of the media carrying the digital-form data as delivered, to the extent possible.

C.31 HQ C-2-0012 CONFIGURATION MANAGEMENT (NAVSEA) (APR 2015)

(a) Baseline Definition - For configuration control purposes, all contractual documentation in effect at the time of contract award shall constitute the Contract Baseline which shall be considered incorporated in the baseline documentation.

(b) General Requirement -

(1) The Contractor shall maintain a Configuration Control Program to assure that all detail level work being performed under this contract is in compliance with appropriate baseline documentation. The Contractor shall prepare a Configuration Management Plan in accordance with the requirements of

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the contract for approval by the Government.

(2) Whenever a situation arises wherein the Contractor cannot comply with a baseline document, or whenever intent of such documentation is significantly changed by detail level documentation, the Contractor shall submit change documents to modify baseline documents to resolve the conflict or to allow non-compliance. Whenever the cost of implementing a proposed change is less than the threshold requiring certified cost or pricing data, the Contractor shall provide documentation explaining the nature of related costs as shown on the change document. Whenever the contract cost changes by an amount greater than the threshold requiring certified cost or pricing data, the Contractor shall complete such cost and pricing data as the Contracting Officer shall require detailing all related costs, and attach it to the change document. Requirements for cost and pricing data shall be determined by the gross amount of the change unless otherwise directed by the contracting officer. Change documentation shall be submitted to the Contracting Officer in accordance with the Contract Data Requirements List (CDRL), and as described in paragraphs (c) through (f) below.

(c) Engineering Change Proposals (ECPs) - ECPs shall be prepared in accordance with the approved configuration management plan and the requirements of the contract. DI-SESS-80639D approved 7 April 2015 and MIL-HDBK-61A of 7 Feb 2001 apply. An ECP should be submitted whenever the detail level physical configuration, material quality, operational or functional performance of equipment or installed systems will not be in compliance with baseline design-related documents (Specifications, Contract Drawings, etc.), and a change to the baseline document is considered an appropriate means of resolving a design-related issue. Documentation shall be developed in sufficient detail to enable Government review and evaluation of the merits of the proposed change, including cost and scheduling impact, ship class impact, and consequences if disapproved. All existing drawings and technical manuals impacted by the change shall be listed along with a brief narrative explanation of needed changes to incorporate the ECP if approved. Weight and moment data incidental to the change shall be provided. The Contractor shall also prepare applicable baseline document insert sheets, with specific word changes or proposed re-write, to facilitate baseline documentation changes.

(d) Non-Engineering Change Proposals (NECPs) - An NECP should be submitted whenever necessary to document administrative, procedural, scheduling, or documentation changes that do not directly impact the physical configuration of the equipment. The NECP shall explain the nature of the problem, identify the applicable baseline document (i.e., Contract Data Requirement List (CDRL), Contract Clause, etc.) and provide a detailed explanation justifying the proposed course of action desired to resolve the problem. Insert sheets for applicable documents shall also be attached to facilitate change action in the event the NECP is approved.

(e) Deviations and Waivers - In the event that a baseline design-related document requirement cannot be met, and a change to the baseline document is considered inappropriate, the Contractor shall submit a Request for Variance. DI-SESS-80640D approved 7 April 2015 and MIL-HDBK-61A of 7 Feb 2001 apply. The explanation of "need for deviation" should provide detailed justification and consequences of approval, to include technical details explaining the degree of non-compliance or effect on ship equipment or system operation constraints. In a similar manner, a waiver shall document an "as built" configuration that departs from baseline documentation and should include any proposed corrections or modifications to better meet the intent of the baseline document.

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(f) Equitable Adjustments for Change Documentation Preparations - For its effort expended in preparing ECPs, NECPs, Deviations and Waivers, the Contractor shall receive equitable adjustment under the following circumstances:

(1) In the event the Contractor, on its own initiative, and without written request from the Contracting Officer, develops a change document that is later disapproved by the Government, the Contractor shall bear the cost of this effort.

(2) To avoid such loss, and at its option, the Contractor may submit a "preliminary" document that outlines intent, but without detailed supporting documentation and request the Contracting Officer's approval for expenditure of effort to complete the detailed supporting documentation. In the event the Contracting Officer denies this request, the Contractor will bear the cost of development of the "preliminary" document, and shall make no further effort to complete detailed supporting documentation.

(3) In the event the Contracting Officer approves the Contractor's request to develop supporting documentation, the Contractor shall be equitably compensated for its effort for both the "preliminary" and "final" documentation, regardless of whether or not the change document is later approved.

(4) In the event the Contracting Officer requests in writing that the Contractor develop change documentation, the effort expended by the Contractor in developing such documentation shall be subject to equitable adjustment, regardless of whether or not the change document is later approved.

(5) In the event the Contractor, on its own initiative, and without written request from the Government, develops a change document that is later approved by the Contracting Officer, the cost of developing such documentation shall be incorporated in the contract modification that implements the change.

(6) Failure to agree to such equitable adjustment in contract price shall constitute a dispute, and shall be adjudicated in accordance with the requirements of the clause entitled "DISPUTES" (FAR 52.233-1).

(g) Any cost reduction proposal submitted pursuant to the clause entitled "VALUE ENGINEERING" (FAR 52.248-1) shall be submitted as a Code V Engineering Change Proposal (VECP). DI-SESS-80639D approved 7 April 2015 and MIL-HDBK-61A of 7 Feb 2001 apply. Information required by the "VALUE ENGINEERING" clause shall also be submitted as part of the change request.

C.32 HQ C-2-0032 INFORMATION AND DATA FURNISHED BY THE GOVERNMENT - ALTERNATE II (NAVSEA) (SEP 2009)

(a) NAVSEA Form 4340/2 or Schedule C, as applicable, Government Furnished Information, attached hereto, incorporates by listing of specific reference, all the data or information which the Government has provided or will provide to the Contractor except for:

(1) The specifications set forth in Section C, and

(2) Government specifications, including drawings and other Government technical documentation which are referenced directly or indirectly in the specification set forth in Section C and which are applicable to this contract

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as specifications, and which are generally available and provided to Contractors or prospective Contractors upon proper request, such as Federal or Military Specifications, and Standard Drawings, etc.

(b) Except for the specifications referred to in subparagraph (a)(1) and (2) above, the Government will not be obligated to provide to the Contractor any specification, drawing, technical documentation or other publication which is not listed or specifically referenced in NAVSEA Form 4340/2 or Schedule C, as applicable, notwithstanding anything to the contrary in the specifications, the publications listed or specifically referenced in NAVSEA Form 4340/2 or Schedule C, as applicable, the clause entitled "GOVERNMENT PROPERTY" (FAR 52.245-1) OR "GOVERNMENT PROPERTY INSTALLATION OPERATION SERVICES" (FAR 52.245-2), as applicable, or any other term or condition of this contract.

(c)(1) The Contracting Officer may at any time by written order:

(i) delete, supersede, or revise, in whole or in part, data listed or specifically referenced in NAVSEA Form 4340/2 or Schedule C, as applicable; or

(ii) add items of data or information to NAVSEA Form 4340/2 or Schedule C, as applicable; or

(iii) establish or revise due dates for items of data or information in NAVSEA Form 4340/2 or Section C, as applicable.

(2) If any action taken by the Contracting Officer pursuant to subparagraph (c)(1) immediately above causes an increase or decrease in costs of, or the time required for, performance of any part of the work under this contract, the Contractor may be entitled to an equitable adjustment in the contract amount and delivery schedule in accordance with the procedures provided for in the "CHANGES" clause of this contract.

C.33 HQ C-2-0034 MINIMUM INSURANCE REQUIREMENTS (NAVSEA) (SEP1990)

In accordance with the clause of this contract entitled "INSURANCE—WORK ON A GOVERNMENT INSTALLATION" (FAR 52.228-5), the Contractor shall procure and maintain insurance, of at least the kinds and minimum amounts set forth below:

(a) Workers' Compensation and Employer's Liability coverage shall be at least \$100,000, except as provided in FAR 28.307(a).

(b) Bodily injury liability insurance coverage shall be written on the comprehensive form of policy of at least \$500,000 per occurrence.

(c) Automobile Liability policies covering automobiles operated in the United States shall provide coverage of at least \$200,000 per person and \$500,000 per occurrence for bodily injury and \$20,000 per occurrence for property damage. The amount of liability coverage on other policies shall be commensurate with any legal requirements of the locality and sufficient to meet normal and customary claims.

C.34 HQ C-2-0037 ORGANIZATIONAL CONFLICT OF INTEREST (NAVSEA) (JUL 2000)

(a) "Organizational Conflict of Interest" means that because of other activities or relationships with other persons, a person is unable or potentially unable to render impartial assistance or advice to the Government, or the person's objectivity in performing the contract work is or might be otherwise impaired, or a person has an unfair competitive advantage. "Person"

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as used herein includes Corporations, Partnerships, Joint Ventures, and other business enterprises.

(b) The Contractor warrants that to the best of its knowledge and belief, and except as otherwise set forth in the contract, the Contractor does not have any organization conflict of interest(s) as defined in paragraph (a).

(c) It is recognized that the effort to be performed by the Contractor under this contract may create a potential organizational conflict of interest on the instant contract or on a future acquisition. In order to avoid this potential conflict of interest, and at the same time to avoid prejudicing the best interest of the Government, the right of the Contractor to participate in future procurement of equipment and/or services that are the subject of any work under this contract shall be limited as described below in accordance with the requirements of FAR 9.5.

(d)(1) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information provided to the Contractor by the Government during or as a result of performance of this contract. Such information includes, but is not limited to, information submitted to the Government on a confidential basis by other persons. Further, the prohibition against release of Government provided information extends to cover such information whether or not in its original form, e.g., where the information has been included in Contractor generated work or where it is discernible from materials incorporating or based upon such information. This prohibition shall not expire after a given period of time.

(2) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information generated or derived during or as a result of performance of this contract. This prohibition shall expire after a period of three years after completion of performance of this contract.

(3) The prohibitions contained in subparagraphs (d)(1) and (d)(2) shall apply with equal force to any affiliate of the Contractor, any Sub-contractor, consultant, or employee of the Contractor, any joint venture involving the Contractor, any entity into or with which it may merge or affiliate, or any successor or assign of the Contractor. The terms of paragraph (f) of this Special Contract Requirement relating to notification shall apply to any release of information in contravention of this paragraph (d).

(e) The Contractor further agrees that, during the performance of this contract and for a period of three years after completion of performance of this contract, the Contractor, any affiliate of the Contractor, any Sub-contractor, consultant, or employee of the Contractor, any joint venture involving the Contractor, any entity into or with which it may subsequently merge or affiliate, or any other successor or assign of the Contractor shall not furnish to the United States Government, either as a prime Contractor or as a Sub-contractor, or as a consultant to a prime Contractor or Sub-contractor, any system, component or services which is the subject of the work to be performed under this contract. This exclusion does not apply to any re-competition for those systems, components or services furnished pursuant to this contract. As provided in FAR 9.505-2, if the Government procures the system, component, or services on the basis of work statements growing out of the effort performed under this contract, from a source other than the Contractor, Sub-contractor, affiliate, or assign of either, during the course of performance of this contract or before the three year period

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following completion of this contract has lapsed, the Contractor may, with the authorization of the cognizant Contracting Officer, participate in a subsequent procurement for the same system, component, or service. In other words, the Contractor may be authorized to compete for procurement(s) for systems, components or services subsequent to an intervening procurement.

(f) The Contractor agrees that, if after award, it discovers an actual or potential organizational conflict of interest, it shall make immediate and full disclosure in writing to the Contracting Officer. The notification shall include a description of the actual or potential conflict of interest, a description of the action which the Contractor has taken or proposes to take to avoid, mitigate, or neutralize the contract, and any other relevant information that would assist the Contracting Officer in making a determination on this matter. Notwithstanding this notification, the Government may terminate the contract for the convenience of the Government if determined to be in the best interest of the Government.

(g) Notwithstanding paragraph (f) above, if the Contractor was aware, or should have been aware, of an organizational conflict of interest prior to the award of this contract or becomes, or should become, aware of an organizational conflict of interest after award of this contract and does not make an immediate and full disclosure in writing to the Contracting Officer, the Government may terminate this contract for default.

(h) If the Contractor takes any action prohibited by this requirement or fails to take action required by this requirement, the Government may terminate this contract for default.

(i) The Contracting Officer's decision as to the existence or nonexistence of an actual or potential organizational conflict of interest shall be final.

(j) Nothing in this requirement is intended to prohibit or preclude the Contractor from marketing or selling to the United States Government its product lines in existence on the effective date of this contract; nor, shall this requirement preclude the Contractor from participating in any research and development or delivering any design development model or prototype of any such equipment. Additionally, sale of catalog or standard commercial items are exempt from this requirement.

(k) The Contractor shall promptly notify the Contracting Officer, in writing, if it has been tasked to evaluate or advise the Government concerning its own products or activities or those of a competitor in order to ensure proper safeguards exist to guarantee objectivity and to protect the Government's interest.

(l) The Contractor shall include this requirement in Sub-contracts of any tier which involve access to information or situations/conditions covered by the preceding paragraphs, substituting "Sub-contractor" for "Contractor" where appropriate.

(m) The rights and remedies described herein shall not be exclusive and are in addition to other rights and remedies provided by law or elsewhere included in this contract.

(n) Compliance with this requirement is a material requirement of the contract.

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(a) Definitions.

(i) A "zero-tier reference" is a specification, standard, or drawing that is cited in the contract (including its attachments).

(ii) A "first-tier reference" is either: (1) a specification, standard, or drawing cited in a zero-tier reference, or (2) a specification cited in a first-tier drawing.

(b) Requirements.

All zero-tier and first-tier references, as defined above, are mandatory for use. All lower-tier references shall be used for guidance only.

C.36 HQ C-2-0059 UPDATING SPECIFICATIONS AND STANDARDS (NAVSEA) (AUG 1994)

If, during the performance of this or any other contract, the Contractor believes that any contract contains outdated or different versions of any specifications or standards, the Contractor may request that all of its contracts be updated to include the current version of the applicable specification or standard. Updating shall not affect the form, fit or function of any deliverable item or increase the cost/price of the item to the Government. The Contractor shall submit update requests to the Procurement Contracting Officer with copies to the Administrative Contracting Officer and cognizant Program Office Representative for approval. The Contractor shall perform the contract in accordance with the existing specifications and standards until notified of approval/disapproval by the Procuring Contracting Officer. Any approved alternate specifications or standards will be incorporated into the contract.

C.37 ECRAFT STANDARD LANGUAGE

(a) The Contractor shall upload the Contractor's Funds and Man-hour Expenditure Reports in the Electronic Cost Reporting and Financial Tracking (eCRAFT) System.

(b) The Contractor's Funds and Man-hour Expenditure Report reports contractor expenditure for labor, materials, travel, subcontractor usage, and other contract charges.

(1) Access:

eCRAFT: Reports are uploaded through the eCRAFT System Periodic Report Utility (EPRU). The EPRU spreadsheet and user manual can be obtained at: <http://www.navsea.navy.mil/Home/Warfare-Centers/NUWC-Newport/Partnerships/Commercial-Contracts/Information-eCraft-/> under eCRAFT information. The eCRAFT e-mail address for report submission is: Ecrafft.nuwc.npt.fct@navy.mil. If you have problems uploading reports, please see the Frequently Asked Questions at the site address above.

(2) Submission and Acceptance/Rejection:

The contractor shall submit their reports on the same day and for the same timeframe the contractor submits an invoice in iRAPT. The amounts shall be same. eCRAFT acceptance/rejection will be indicated by e-mail notification from eCRAFT.

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SECTION D PACKAGING AND MARKING

D.1 HQ D-1-0001 DATA PACKAGING LANGUAGE

Data to be delivered by Integrated Digital Environment (IDE) or other electronic media shall be as specified in the contract. All unclassified data to be shipped shall be prepared for shipment in accordance with best commercial practices. Classified reports, data, and documentation shall be prepared for shipment in accordance with National Industrial Security Program Operating Manual (NISPOM), DOD 5220.22-M dated 28 February 2006.

D.2 HQ D-2-0008 MARKING OF REPORTS (NAVSEA) (SEP 1990)

All reports delivered by the Contractor to the Government under this contract shall prominently show on the cover of the report:

- (1) name and business address of the Contractor
- (2) contract number
- (3) contract dollar amount
- (4) whether the contract was competitively or non-competitively awarded
- (5) sponsor:

Stacey Thomas, COR
6138 Norc Avenue, Suite 310, Building 221
Dahlgren, VA 22448-5157
Phone #: 540-653-9523
Email: stacey.m.thomas@navy.mil

All Deliverables shall be packaged and marked IAW Best Commercial Practice

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SECTION E INSPECTION AND ACCEPTANCE

E.1 PERFORMANCE TASK ORDER REVIEW AND ACCEPTANCE PROCEDURES - THE QUALITY ASSURANCE SURVEILLANCE PLAN (QASP)

E.1.1 The Contractor's performance in each of the task areas of Statement of Work will be continually monitored in conjunction with the Contractor Performance Assessment Reporting System (CPARS) and the criteria set forth below. The results of this evaluation will factor into the Government's Option Exercise determination and will be included in the Contractor's CPARS evaluation, which is accomplished on an annual basis. The evaluation will be based on Contractor performance during the previous period. The primary Government official responsible for the QASP evaluation is the Contracting Officers Representative (COR) for the contract. Other Government individuals having information relevant to the quality of Contractor performance may assist the COR, as necessary.

E.1.2 Contractor performance will be assessed on a continuing basis throughout the year based on review and assessment of products and deliverables (technical and management), by observation of personnel during technical meetings and task execution, by monthly progress and status reports for the Contractor, formal In-Progress Reviews, and general contacts with the Contractor.

E.1.3 In accordance with the CPARS, Contractor performance will be evaluated in accordance with the five general areas (Task Performance, Staffing, Customer Satisfaction, Management Performance, and Cost Management & Efficiency). A rating of Exceptional, Very Good, Satisfactory, Marginal or Unsatisfactory (as defined in Table 42-1 in FAR Part 42.1503) will be assigned to each area. The items identified under each area represent the types of considerations to be addressed. They should not be considered an exclusive list. The degree of Government technical direction necessary to solve problems that arise during performance will be a consideration for each area. Improvements made in an area during the evaluation period will also be considered as will degradation in the overall quality of performance.

E.1.3.1 Quality of Product or Service - Addresses the extent to which the Contractor, (a) met contract technical requirements, including the accuracy (information conveyed by products and services are factually accurate and, where applicable, annotated with supporting source) and completeness of reports/ data delivered (products are complete, well-coordinated with all related managers and personnel, and presented in concise and understandable format); (b) employed methods and approaches to ensure fully successful performance; (c) consistently conveyed his intended approach clearly and completely to ensure that there were no surprises; (d) was proactive and demonstrated initiative; (e) remained flexible to internal or external changes; (f) was effective in developing and implementing process improvements to make the end product development more efficient and the end product display more effective and (g) Services are provided in a professional unbiased manner.

E.1.3.2 Schedule - Addresses the extent to which the Contractor met contract schedules, including the need for deadline extensions. Delivery of products and services are within deadlines identified by the COR or his representative.

E.1.3.3 Cost Control - Addresses the Contractor's overall effectiveness in controlling direct, indirect costs, and other direct costs as well as the

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incidence of cost overruns.

E.1.3.4 Business Relations - Addresses the responsiveness of the Contractor's upper-level management to Government concerns and needs, the effectiveness of the Contractor's management interface with the Government, and the overall cooperativeness and receptiveness of the Contractor in dealing with the Government, and the overall cooperativeness and receptiveness of the Contractor in dealing with the Government on both technical and management issues.

E.1.3.5 Management of Key Personnel - Addresses the overall quality of the Contractor's team, including their education, relevant experience, skill levels and expertise as well as the degree of compliance with the terms of the contract regarding Key Personnel. Also includes the effectiveness of the Contractor's efforts to retain or attract qualified personnel.

E.1.3.6 Other Direct Costs (ODCs) - Addresses the Contractor's overall effectiveness in controlling both direct and indirect costs related to ODCs; using a DCMA approved Purchasing System; the extent to which the Contractor met requirements schedules related to ODC purchases; the need for prior COR approval for all ODC purchases; as well as the proper tracking, maintenance and disposition of materials purchased.

E.1.3.7 A CPAR Rating will be given in the seventh month of performance following contract award and yearly thereafter. The Contractor must receive an overall rating of Satisfactory in order for the Government to exercise an Option period. An overall rating of Very Good is required to receive an exercised Option Period.

E.2 HQ E-1-0001 INSPECTION AND ACCEPTANCE LANGUAGE FOR DATA

Inspection and acceptance of all data shall be as specified on the attached Contract Data Requirements List(s), DD Form 1423.

E.3 HQ E-1-0003 INSPECTION AND ACCEPTANCE LANGUAGE FOR F.O.B. DESTINATION DELIVERIES

Item(s) 9000 - 9400 - Inspection and acceptance shall be made at destination by a representative of the Government.

E.4 HQ E-1-0007 INSPECTION AND ACCEPTANCE LANGUAGE FOR LOE SERVICES

Items 7000 - 7499 - Inspection and acceptance shall be made by the Contracting Officer's Representative (COR) or a designated representative of the Government.

SECTION F DELIVERABLES OR PERFORMANCE

The periods of performance for the following Items are as follows:

[Redacted content]

[Redacted content]

[Redacted content]

[Redacted content]

[Redacted content]

[Redacted content]

[REDACTED]

[Redacted content]

[Redacted content]

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[REDACTED]

CLIN - DELIVERIES OR PERFORMANCE

The periods of performance for the following Items are as follows:

[REDACTED]

[Redacted content]

[Redacted content]

[Redacted content]

[Redacted content]

[Redacted content]

[REDACTED]

[Redacted content]

[REDACTED]

[Redacted content]

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[REDACTED]

The periods of performance for the following Option Items are as follows:

[REDACTED]

[REDACTED]

Services to be performed hereunder will be provided at NSWCCD's Weapons Control and Integration Department (H) as well as at the Contractor's facility.

HQ F-2-0003 DATA DELIVERY LANGUAGE FOR SERVICES ONLY PROCUREMENTS

All data to be furnished under this contract shall be delivered prepaid to the destinations(s) and at the time(s) specified on the Contract Data Requirements List(s), DD Form 1423.

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SECTION G CONTRACT ADMINISTRATION DATA

G.1 EARLY DISMISSAL AND CLOSURE OF GOVERNMENT FACILITIES

(a) When a Government facility is closed and/or early dismissal of Federal employees is directed due to severe weather, security threat, or a facility related problem that prevents personnel from working, onsite Contractor personnel regularly assigned to work at that facility should follow the same reporting and/or departure directions given to Government personnel. The Contractor shall not direct charge to the contract for time off, but shall follow parent company policies regarding taking leave (administrative or other). Non-essential Contractor personnel, who are not required to remain at or report to the facility, shall follow their parent company policy regarding whether they should go/stay home or report to another company facility. Subsequent to an early dismissal and during periods of inclement weather, onsite Contractors should monitor radio and television announcements before departing for work to determine if the facility is closed or operating on a delayed arrival basis.

(b) When Federal employees are excused from work due to a holiday or a special event (that is unrelated to severe weather, a security threat, or a facility related problem), on site Contractors will continue working established work hours or take leave in accordance with parent company policy. Those Contractors who take leave shall not direct charge the non-working hours to the Task Order. Contractors are responsible for predetermining and disclosing their charging practices for early dismissal, delayed openings, or closings in accordance with the FAR, applicable cost accounting standards, and company policy. Contractors shall follow their disclosed charging practices during the Task Order period of performance, and shall not follow any verbal directions to the contrary. The PCO will make the determination of cost allowability for time lost due to facility closure in accordance with FAR, applicable Cost Accounting Standards, and the Contractor's established accounting policy.

G.2 ACCOUNTING DATA

Accounting Data appears at the end of Section G. All lines of accounting are listed sequentially under a heading that identifies the particular action (award or modification number) under which the funding was obligated. Under SeaPort-e, all funding is identified/obligated at the SubCLIN (SLIN) level. SLINs are established sequentially by the SeaPort-e software. Each obligation of funds receives a unique SLIN identifier, unless the funds are an increase to an existing line of accounting (ACRN). Thus, an individual project/work area that is funded incrementally could have multiple SLINs. Accounting for expenditures at the SLIN level is required.

G.3 SPECIAL INVOICE INSTRUCTIONS

Each SLIN providing funding designates a specific project area/work area/ Work Breakdown Structure (WBS) item. Tracking and reporting shall be accomplished at the project/work area/WBS item level. Each identified project/work area/WBS, shall be invoiced by its associated SLIN and ACRN.

G.4 PAYMENT INSTRUCTION

252.204-0001 Line Item Specific: Single Funding (SEP 2009)

The Payment Office shall make payment using the ACRN funding of the line item being billed.

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G.5 252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (MAY 2013)

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

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

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

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

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

(c) *WAWF access.* To access WAWF, the Contractor shall—

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

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

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

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

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

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

Cost Voucher

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

N00178

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

Routing Data Table

<i>Field Name in WAWF</i>	<i>Data to be entered in WAWF</i>
Pay Official DoDAAC	HQ0338
Issue By DoDAAC	N00178

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Admin DoDAAC	S2404A
Inspect By DoDAAC	Not Applicable
Ship To Code	Not Applicable
Ship From Code	Not Applicable
Mark For Code	Not Applicable
Service Approver (DoDAAC)	S2404A
Service Acceptor (DoDAAC)	Not Applicable
Accept at Other DoDAAC	Not Applicable
LPO DoDAAC	Not Applicable
DCAA Auditor DoDAAC	HAA391
Other DoDAAC(s)	Not Applicable

**To be provided in the award document

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

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

Stacey.m.thomas@navy.mil

(g) *WAWF point of contact.*

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

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

G.6 HQ G-2-0009 SUPPLEMENTAL INSTRUCTIONS REGARDING INVOICING (NAVSEA) (APR 2015)

(a) For other than firm fixed priced contract line item numbers (CLINs), the Contractor agrees to segregate costs incurred under this contract/Task Order (TO), as applicable, at the lowest level of performance, either at the technical instruction (TI), sub line item number (SLIN), or contract line item number (CLIN) level, rather than on a total contract/TO basis, and to submit invoices reflecting costs incurred at that level. Supporting documentation in Wide Area Workflow (WAWF) for invoices shall include summaries of work charged during the period covered as well as overall cumulative summaries by individual labor categories, rates, and hours (both straight time and overtime) invoiced; as well as, a cost breakdown of other direct costs (ODCs), materials, and travel, by TI, SLIN, or CLIN level. For other than firm fixed price Sub-contractors, Sub-contractors are also required to provide labor categories, rates, and hours (both straight time and overtime) invoiced; as

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well as, a cost breakdown of ODCs, materials, and travel invoiced. Supporting documentation may be encrypted before submission to the prime contractor for WAWF invoice submittal. Sub-contractors may email encryption code information directly to the Contracting Officer (CO) and Contracting Officer Representative (COR). Should the Sub-contractor lack encryption capability, the Sub-contractor may also email detailed supporting cost information directly to the CO and COR; or other method as agreed to by the CO.

(b) Contractors submitting payment requests and receiving reports to WAWF using either Electronic Data Interchange (EDI) or Secure File Transfer Protocol (SFTP) shall separately send an email notification to the COR and CO on the same date they submit the invoice in WAWF. No payments shall be due if the contractor does not provide the COR and CO email notification as required herein.

G.7 Dd1-G10 GOVERNMENT CONTRACT ADMINISTRATION POINTS-OF-CONTACT AND RESPONSIBILITIES

Procuring Contracting Officer (PCO):

(a) Amy T. Richards, Code 0243
Naval Surface Warfare Center, Dahlgren Division
17632 Dahlgren Road, Bldg 183, Suite 131
Dahlgren, Virginia 22448-5100
[REDACTED]
[REDACTED]

(b) PCO responsibilities are outlined in FAR 1.602-2. The PCO is the only person authorized to approve changes in any of the requirements of this Task Order, notwithstanding provisions contained elsewhere in this contract, the said authority remains solely the PCO's. The contractor shall not comply with any order, direction or request of Government personnel unless it is issued in writing and signed by the Contracting Officer or is pursuant to specific authority otherwise included as part of this contract. In the event the contractor effects any change at the direction of any person other than the PCO, the change will be considered to be unauthorized.

Contract Specialist:

(a) Teresa Spiker, Code 0243
Naval Surface Warfare Center, Dahlgren Division
17632 Dahlgren Road, Bldg. 183, Suite 135
Dahlgren, Virginia 22448-5100
[REDACTED]
[REDACTED]

(b) The Contract Specialist is the representative of the Contracting Officer for all contractual matters.

Contracting Officer Representative (COR):

(a) Stacey Thomas, Code H31
Naval Surface Warfare Center, Dahlgren Division
6138 Norc Ave, Suite 310, Building 221
Dahlgren, VA 22448
[REDACTED]
[REDACTED]

(b) The COR is the PCO's appointed representative for technical matters. The

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COR is not a contracting officer and does not have the authority to direct the accomplishment of effort which is beyond the scope of the Task Order or to otherwise change any Task Order requirements. An informational copy of the COR appointment letter which provides a delineation of COR authority and responsibilities is provided as an attachment to this Task Order.

Government Subject Matter Expert (SME)

The Government SME is the COR's subject matter expert (SME) for specific work areas.

Administrative Contracting Officer (ACO)

(a) DCMA Manassas
14501 George Carter Way
Second Floor
Chantilly, VA 20151

(b) The Administrative Contracting Officer (ACO) of the cognizant Defense Contract Management Agency (DCMA) is designated as the authorized representative of the PCO for purposes of administering this Task Order in accordance with FAR 42.3. However, in view of the technical nature of the supplies and services to be furnished, technical cognizance is retained by the Naval Surface Warfare Center, Dahlgren Division.

Payment Office

(a) DFAS Columbus Center, South Entitlement Operations
Address: PO Box 182264
Columbus, OH 43218

(b) The Paying Office makes all payments under this task order.

G.8 Dd1-G11 CONSENT TO SUBCONTRACT

For subcontracts and consulting agreements for services, where the prime contractor anticipates that hours delivered will be counted against the hours in the Level of Effort clause below, Consent to Subcontract authority is retained by the Procuring Contracting Officer.

The following Sub-contractors are approved on this order:

- **BAE Systems Technology Solutions & Services, Inc.**
- **Southeastern Computer Consultants, Inc.**
- **Solutions Development Corporation**
- **URS Federal Services, Inc.**

Accounting Data

SLINID	PR Number	Amount
██████████	██████████	██████████
██████████	██████████	██████████
██████████	██████████	██████████
██████████	██████████	██████████

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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SECTION H SPECIAL CONTRACT REQUIREMENTS

H.1 TASK ORDER LABOR CATEGORY QUALIFICATIONS

To perform the requirements of the Statement of Work (SOW), the Government requires personnel with the appropriate experience and professional qualifications. The applicable labor categories and associated qualifications are listed in Sections H.2 and H.3 below. Key Personnel qualification levels are considered to be desired for those individuals whose resumes are submitted for evaluation with the proposal. Resumes for any replacement of key personnel that are submitted following award shall have qualifications equal to or higher than the qualifications of the person to be replaced, as required by the clause entitled 5252.237-9106 - Substitution of Personnel. Following award, the qualification levels for key personnel are considered to be minimums for any growth beyond those individuals initially proposed. Non-Key Personnel are the personnel proposed to provide hours in labor categories that are not identified as Key and the qualification levels are minimums.

(a) Experience - The desired experience for each Key Labor Category must be directly related to the tasks and programs listed in the SOW.

(b) Professional Development - Professional development includes honors, degrees, publications, professional licenses and certifications and similar evidence of professional accomplishments that directly impact the offers' ability to perform the Task Order. The years of experience listed below are in addition to appropriate professional development. It is incumbent upon the Offeror to demonstrate that the proposed personnel have appropriate credentials to perform the work. DoD 8570 Directive Certifications are required for this Task Order.

(c) Accumulation of Qualifying Experience - Categories of experience may be accumulated concurrently.

(d) The Program Manager shall be an employee of the Prime.

H.2 KEY PERSONNEL - DESIRED QUALIFICATIONS

PROGRAM MANAGER

A Bachelor's degree from an accredited college or university in an engineering, scientific, business, or technical discipline. Fifteen (15) years of professional technical experience including at least five (5) years specialized experience in the management of the development or evaluation of Department of Defense (DOD) Weapons Systems. Ten (10) years of program management experience which includes both technical and administrative aspects of Government contract performance, providing contract data deliverables, and having oversight of contract schedule and cost. Five (5) years of experience related to maritime, launcher, missile, or DOD weapon control or effectiveness systems.

SENIOR SYSTEMS ENGINEER

A Bachelor's degree from an accredited college or university in an engineering, scientific, or technical discipline. Ten (10) years of professional technical experience including at least five (5) years of specialized experience in the areas of maritime, launcher, missile, weapon, or weapon control systems concept definition, design, integration, and engineering. Specialized experience including systems requirements management, systems engineering design, utilization of systems engineering software tools, and systems engineering processes. Engineering experience in developing requirements, risk management, and requirements traceability and verification methods associated with weapon systems, specifically missiles, launchers, or weapons control systems. Engineering experience in the design, development, and testing of surface launching system components for reliability. Engineering experience in generating system architecture, all levels of system requirements, interface diagrams, test matrix, and CONOPS. Experience in providing information for system engineering events.

SENIOR MECHANICAL ENGINEER

A Bachelor's degree from an accredited college or university in an engineering, scientific, or technical discipline. Ten (10) years of professional technical experience including at least five (5) years of specialized experience in the areas of maritime, launcher, missile, weapon, or weapon control systems concept definition, design, integration, and engineering.

Specialized experience including experience as a mechanical engineer performing mechanical engineering analysis and design, utilizing mechanical engineering software tools, coordinating mechanical fabrication, and mechanical engineering test techniques. Engineering experience in

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the mechanical design, development, and testing of missile launcher and support equipment. Experience with structural design and analysis, finite element analysis, fluid dynamics, and thermal dynamics. Experience with SolidWorks, LS-DYNA, or Craft Tech software.

SENIOR ELECTRICAL ENGINEER

A Bachelor's degree from an accredited college or university in an engineering, scientific, or technical discipline. Ten (10) years of professional technical experience including at least five (5) years of specialized experience in the areas of maritime, launcher, missile, weapon, or weapon control systems concept definition, design, integration, and engineering.

Specialized experience including experience as an electrical engineer performing electrical engineering analysis and design, in electrical engineering software tools, coordinating electrical fabrication, and electrical engineering test techniques. Engineering experience in the design and integration of sensors (tracking and guidance) into projectiles and weapon systems. Engineering experience in the design, development, and testing of missile launcher electrical equipment. Experience with power systems, embedded controllers, and linear drive systems.

H.3 NON-KEY PERSONNEL - MINIMUM QUALIFICATIONS

The Contractor shall provide non-key personnel who meet or exceed the minimum qualifications provided below. Prior to charging non-key personnel labor to this order, the Contractor shall provide written certification stating the individual's name, labor category, and certification that the individual meets or exceeds the minimum qualifications of the labor category. This written certification shall be made by email to the Contract Specialist and the COR.

SENIOR AEROSPACE ENGINEER

A Bachelor's degree from an accredited college or university in an engineering, scientific, or technical discipline. Ten (10) years of professional technical experience including at least five (5) years of specialized experience in the areas of launcher, missile, weapon, or weapon control systems system concept definition, design, integration, and engineering. Specialized experience in aeronautical modeling and simulation or design. Engineering experience in the integration and testing of missile systems. Experience in performing studies that characterize a missile performance and providing recommendations for improved performance. Experience with missile fuze characteristics.

SENIOR COMPUTER SYSTEMS/SOFTWARE ENGINEER

A Bachelor's degree from an accredited college or university in an engineering, scientific, or technical discipline. Ten (10) years of professional technical experience which includes at least five (5) years of specialized experience performing computer hardware engineering, software design, coding and compilation of code; computer or software requirements management, computer systems or software integration; and utilizing systems engineering software tools.

Specialized experience shall also include demonstrated ability to engineer complex systems with integrated software and hardware solutions. Experience related to weapons systems or Navy programs and HTML, C/C++, Unix, and Linux.

SYSTEMS ENGINEER

A Bachelor's degree from an accredited college or university in an engineering, scientific, or technical discipline. Five (5) years of professional technical experience which includes at least three (3) years of specialized experience performing systems requirements management, systems engineering design, utilizing systems engineering software tools and performing systems engineering design, integration engineering, test and evaluation engineering activities.

ELECTRICAL ENGINEER

A Bachelor's degree from an accredited college or university in an engineering, scientific, or technical discipline. Five (5) years of professional technical experience which includes three (3) years of specialized experience performing design and integration engineering, test and evaluation activities, electrical systems requirements management, electrical systems engineering design, utilization electrical systems engineering design software tools, and electrical systems engineering processes.

MECHANICAL ENGINEER

A Bachelor's degree from an accredited college or university in an engineering, scientific, or technical discipline. Five (5) years of professional technical experience which includes

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three (3) years of specialized experience that includes performing mechanical systems requirements management, mechanical systems engineering design and integration, utilizing mechanical systems engineering design software tools (such as SolidWorks or ProEngineer), and mechanical systems engineering processes.

COMPUTER SYSTEMS/SOFTWARE ENGINEER

A Bachelor's degree from an accredited college or university in an engineering, scientific, or technical discipline. Five (5) years of professional technical experience which includes at least three (3) years of specialized experience performing computer hardware engineering, software design, coding and compilation of code; computer or software requirements management, computer systems or software integration; and utilizing systems engineering software tools. Specialized experience shall also include demonstrated ability to engineer complex systems with integrated software and hardware solutions. Experience related to weapons systems or Navy programs and HTML, C/C++, Unix, and Linux is desired.

JUNIOR ENGINEER

A Bachelor's degree from an accredited college or university in an engineering, scientific, or technical discipline. Requires knowledge of principles and practices of mechanical engineering, electrical engineering, or systems engineering.

CONFIGURATION MANAGEMENT ANALYST

Four (4) years of general experience which includes three (3) years of specialized experience in configuration management demonstrating a thorough and comprehensive knowledge of configuration management principles, methods, and techniques. Experience evaluating change documentation and developing impact assessments for planned configuration changes; maintaining integrity and traceability of configurations throughout its life cycles; experience with formal Change Control Boards related to Engineering Change Proposals (ECPs), Specification Change Notices (SCNs), Notice of Revisions (NORs), Deviations, or Waivers.

PROGRAM ANALYST

Five (5) years of general experience which includes four (4) years of specialized experience in analyzing and evaluating the effectiveness of program operations in meeting established goals, requirements, and objectives; developing life cycle cost analyses of projects or performing cost benefit or economic evaluations of current or projected programs; analyzing information to develop program reporting systems including the systems specifications, data gathering and analytical techniques, and systems evaluation methodology; analyzing new or proposed legislation, regulations, or requirements to determine impact on program operations, engineering design, or security; developing management or program evaluation plans, procedures, and methodology; analyzing and evaluating proposed changes in mission or operating procedures. Experience related to weapons systems or Navy programs.

H.3.1 SERVICE CONTRACT ACT (SCA) LABOR CATEGORIES

Accounting Clerk III - 01013

Five (5) years of experience in the area of accounting functions. This experience includes tracking of program and project budgets, preparation of cost and financial reports, verifying financial information, and ensuring sufficient funds have been obligated.

Drafter/CAD Operator III - 30063

Five (5) years of experience in designing products using computer-aided design software applications such as AutoCAD, Pro/ENGINEER, and SolidWorks. This experience includes preparing complete sets of Technical Data package (TDP) drawings and complex assembly drawing packages of test equipment to be manufactured from layouts, models, or sketches.

Drafter/CAD Operator IV - 30064

Seven (7) years of experience in designing products using computer-aided design software applications such as AutoCAD, Pro/ENGINEER, and SolidWorks. This experience includes preparing complete sets of Technical Data package (TDP) drawings and complex assembly drawing packages of test equipment to be manufactured from layouts, models, or sketches.

Electronics Technician Maintenance III - 23183

Five (5) years of experience in applying maintenance to maritime, launcher, missile, weapon,

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or weapon control systems electrical or computer components and assemblies. This experience includes performing tasks such as: solving complex problems, making circuit analysis, calculating wave forms, and tracing relationships in signal flow, using complex test instruments such as high frequency pulse generators, and frequency synthesizers.

Engineering Technician II - 30082

Three (3) years of experience in applying engineering services to maritime, launcher, missile, weapon, or weapon control system components and assemblies. This experience includes developing and testing solutions to solve technical problems in research and development, manufacturing, inspection, and maintenance, and assisting engineers in inspecting products, conducting tests, and collecting data.

Engineering Technician III - 30083

Five (5) years of experience in applying engineering services to maritime, launcher, missile, weapon, or weapon control system components and assemblies. This experience includes developing and testing solutions to solve technical problems in research and development, manufacturing, inspection, and maintenance, and assisting engineers in inspecting products, conducting tests, and collecting data.

Engineering Technician IV - 30084

Seven (7) years of experience in applying engineering services to maritime, launcher, missile, weapon, or weapon control system components and assemblies. This experience includes developing and testing solutions to solve technical problems in research and development, manufacturing, inspection, and maintenance, and assisting engineers in inspecting products, conducting tests, and collecting data.

Engineering Technician V - 30085

Ten (10) years of experience in applying engineering services to maritime, launcher, missile, weapon, or weapon control system components and assemblies. This experience includes developing and testing solutions to solve technical problems in research and development, manufacturing, inspection, and maintenance, and assisting engineers in inspecting products, conducting tests, and collecting data.

Engineering Technician VI - 30086

Fifteen (15) years of experience in applying engineering services to maritime, launcher, missile, weapon, or weapon control system components and assemblies. This experience includes developing and testing solutions to solve technical problems in research and development, manufacturing, inspection, and maintenance, and assisting engineers in inspecting products, conducting tests, and collecting data.

Supply Technician - 01410

Three (3) years of experience in the area of purchase and inventory functions. This experience includes purchasing supplies, materials and equipment through vendors on the open market, contract awards or other standard forms of purchasing, and tracking of project procurements and inventory from pre-order through invoice payment.

Technical Writer III - 30463

Five (5) years of experience in proof reading, editing, and formatting of technical documentation ensuring it is accurate, complete, and meets editorial and Government specifications and adheres to standards for quality, graphics, coverage, format, and style. This experience includes working with document authors in the drafting, review, and publication of technical documentation and reviewing all project documentation for grammar, spelling, punctuation, and formatting.

Word Processor III - 01613

Five (5) years of experience using word processing software applications, along with automated database maintenance.

H.4 RESUME FORMAT AND CONTENT REQUIREMENTS

In order to facilitate evaluation, all resumes shall be provided in the following format, and not exceed three (3) pages each:

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(a) HEADER

- Complete Name
- Current Employer
- Task Order Labor Category
- Contractor Labor Category
- Percentage of time to be allocated to this effort upon award of this Task Order
- Current security clearance level in JPAS (identify if interim or final)
- Current work location
- Planned work location upon award of this Task Order

(b) EDUCATION/PROFESSIONAL DEVELOPMENT - Show any degrees, honors, publications, professional licenses, specialized certifications and other evidence of professional accomplishments that are directly relevant and will impact the Offeror's qualifications to perform under the Task Order. For education and training, the following format is preferred:

- Academic: Degree(s); Date(s); Institution; Major/Minor
- Non-Academic: Course title, date(s), approximate length
- Professional licenses and specialized certifications. Note the date obtained for each, as well as the date when each license/certification requires renewal

(c) CHRONOLOGICAL WORK HISTORY/EXPERIENCE

i. Employer: Dates (month/year); Title(s) held

ii. Work experience shall be presented separately for each employer, clearly marked with proper category of experience (i.e., Relevant Experience; Non-Relevant Experience.). If relevant and non-relevant experience were obtained while at the same employer, separate time periods shall be noted for each assignment. (This is necessary to prevent an Offeror from describing relevant experience obtained in a six month assignment for Company A as applicable to the entire 10-year employment with that firm and to ensure Offerors' proposals are evaluated on an equal basis). Responsibilities shall be discussed in sufficient detail for each assignment so as to permit comparison with experience levels in Section H. Specific examples of work assignments, accomplishments, and products shall be provided.

Phrases such as "assisted with", "participated in", or "supported" are unacceptable except as introductory to a detailed description of the actual work performed. If no such description is provided, the sentence or bulleted information will not be considered in the resume evaluation process. This is because evaluators would not be able to identify the specific technical work contributions made by the individual.

Resume information shall be presented in bullet format. This will allow evaluators to focus on relevant information.

Offerors shall note that the lack of specific definition in job responsibilities, services performed or products produced may be viewed as a lack of understanding of the Government's overall technical requirements.

All relevant military experience claimed shall be described such that each relevant tour is treated as a separate employer. Time frames/titles/ responsibilities shall be provided in accordance with the level of detail prescribed above. Military experience not documented in this manner will not be considered. Gaps in experience shall be explained.

Certification of correctness of information signed and dated by both the person named and the Offeror. The employee certification shall include the following statement: CERTIFICATION: "I certify that the experience and professional development described herein are complete and accurate in all respects.

I consent to the disclosure of my resume for **NSWCDD Task Order N00178-17-F-3005 by HART Technologies, Inc.** and intend to make myself available to work under any resultant contract to the extent possible.

Employee Signature and Date

Offeror Signature and Date

Resumes without this certification will be unacceptable and will not be considered.

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access to DoD information systems for the purpose of performing information assurance.

H.8 5252.216-9122 LEVEL OF EFFORT - ALTERNATE 1 (MAY 2010)

(a) The Contractor agrees to provide the total level of effort specified below in performance of the work described in Sections B and C of this Task Order. The total level of effort for the performance of this Task Order shall be the man-hours of direct labor identified in the table below, including Sub-Contractor direct labor for those Sub-Contractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort.

The table below and information for blanks in paragraph (b) and (d) are to be completed by the Offeror.

CLIN	Total Man Hours	Compensated Man Hours	Uncompensated Man Hours
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

*Total number of hours provided by the contractor

(b) Of the total man-hours of direct labor set forth above, it is estimated that [REDACTED] man-hours are uncompensated effort. Uncompensated effort is defined as hours provided by personnel in excess of 40 hours per week without additional compensation for such excess work. Total Times Accounting (TTA) efforts are included in this definition. All other effort is defined as compensated effort. If no effort is indicated in the first sentence of this paragraph, uncompensated effort performed by the Contractor shall not be counted in fulfillment of the level of effort obligations under this contract.

(c) Effort performed in fulfilling the total level of effort obligations specified above shall only include effort performed in direct support of this contract and shall not include time and effort expended on such things as local travel to and from an employee's usual work location, uncompensated effort while on travel status, truncated lunch periods, work (actual or inferred) at an employee's residence or other non-work locations (except as provided in paragraph (i) below), or other time and effort which does not have a specific and direct contribution to the tasks described in Sections B and C.

(d) The level of effort for this contract shall be expended at an average rate of approximately [REDACTED] hours per week. It is understood and agreed that the rate of man-hours per month may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total man-hours of effort prior to the expiration of the term hereof, except as provided in the following paragraph.

(e) If, during the term hereof, the Contractor finds it necessary to accelerate the expenditure of direct labor to such an extent that the total man-hours of effort specified above would be used prior to the expiration of the term, the Contractor shall notify the Contracting Officer in writing setting forth the acceleration required, the probable benefits which would result, and an offer to undertake the acceleration at no increase in the estimated cost or fee together with an offer, setting forth a proposed level of effort, cost breakdown, and proposed fee, for continuation of the work until expiration of the term hereof. The offer shall provide that the work proposed will be subject to the terms and conditions of this contract and any additions or changes required by then current law, regulations, or directives, and that the offer, with a written notice of acceptance by the Contracting Officer, shall constitute a binding contract. The Contractor shall not accelerate any effort until receipt of such written approval by the Contracting Officer. Any agreement to accelerate will be formalized by contract modification.

(f) The Contracting Officer may, by written order, direct the Contractor to accelerate the expenditure of direct labor such that the total man-hours of effort specified in paragraph (a) above would be used prior to the expiration of the term. This order shall specify the acceleration required and the resulting revised term. The Contractor shall acknowledge this order within five days of receipt.

(g) The Contractor shall provide and maintain an accounting system, acceptable to the Administrative Contracting Officer and the Defense Contract Audit Agency (DCAA), which collects costs incurred and effort (compensated and uncompensated, if any) provided in fulfillment of the level of effort obligations of this contract. The Contractor shall

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indicate on each invoice the total level of effort claimed during the period covered by the invoice, separately identifying compensated effort and uncompensated effort, if any.

(h) Within 45 days after completion of the work under each separately identified period of performance hereunder, the Contractor shall submit the following information in writing to the Contracting Officer with copies to the cognizant Contract Administration Office and to the DCAA office to which vouchers are submitted: (1) the total number of man-hours of direct labor expended during the applicable period; (2) a breakdown of this total showing the number of man-hours expended in each direct labor classification and associated direct and indirect costs; (3) a breakdown of other costs incurred; and (4) the Contractor's estimate of the total allowable cost incurred under the contract for the period. Within 45 days after completion of the work under the contract, the Contractor shall submit, in addition, in the case of a cost underrun; (5) the amount by which the estimated cost of this contract may be reduced to recover excess funds. All submissions shall include Sub-Contractor information.

(i) Unless the Contracting Officer determines that alternative worksite arrangements are detrimental to contract performance, the Contractor may perform up to 10% of the hours at an alternative worksite, provided the Contractor has a company-approved alternative worksite plan. The primary worksite is the traditional "main office" worksite. An alternative worksite means an employee's residence or a telecommuting center. A telecommuting center is a geographically convenient office setting as an alternative to an employee's main office. The Government reserves the right to review the Contractor's alternative worksite plan. In the event performance becomes unacceptable, the Contractor will be prohibited from counting the hours performed at the alternative worksite in fulfilling the total level of effort obligations of the contract. Regardless of work location, all contract terms and conditions, including security requirements and labor laws, remain in effect. The Government shall not incur any additional cost nor provide additional equipment for contract performance as a result of the Contractor's election to implement an alternative worksite plan.

(j) Notwithstanding any of the provisions in the above paragraphs and subject to the LIMITATION OF FUNDS or LIMITATION OF COST clauses, as applicable, the period of performance may be extended and the estimated cost may be increased in order to permit the Contractor to provide all of the man-hours listed in paragraph (a) above. The Contractor shall continue to be paid fee for each man-hour performed in accordance with the terms of the contract.

H.9 5252.227-9113 GOVERNMENT-INDUSTRY DATA EXCHANGE PROGRAM (OCT 2006)

(a) The Contractor shall participate in the appropriate interchange of the Government-Industry Data Exchange Program (GIDEP) in accordance with NAVSEA S0300-BU-GYDH-40010 dated November 1994. Data entered is retained by the program and provided to qualified participants. Compliance with this requirement shall not relieve the Contractor from complying with any other requirement of the contract.

(b) The Contractor agrees to insert paragraph (a) of this requirement in any subcontract hereunder exceeding \$500,000.00. When so inserted, the word "Contractor" shall be changed to "Subcontractor".

(c) GIDEP materials, software and information are available without charge from:

GIDEP Operations Center
P.O. Box 8000
Corona, CA 92878-8000
Phone: (951) 898-3207
FAX: (951) 898-3250
Internet: <http://www.gidep.org>

H.10 5252.232-9104 ALLOTMENT OF FUNDS (JAN 2008)

(a) This contract is incrementally funded with respect to both cost and fee. The amount(s) presently available and allotted to this contract for payment of fee for incrementally funded contract line item number/contract subline item number (CLIN/SLIN), subject to the clause entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE" (FAR 52.216-10), as appropriate, is specified below. The amount(s) presently available and allotted to this contract for payment of cost for incrementally funded CLINS/SLINS is set

that the technical instruction is within the scope of this contract.

(d) Nothing in the foregoing paragraph shall be construed to excuse the Contractor from performing that portion of the contractual work statement which is not affected by the disputed technical instruction.

H.13 Ddl-H10 FUNDING PROFILE

It is estimated that these incremental funds will provide for the number of hours of labor stated below. The following details funding to date:

	Total CPF	Funding this Mod	Previous Funding	Total Funded	Amount Unfunded	Total Hours Funded
[REDACTED]						
[REDACTED]						
[REDACTED]						
[REDACTED]						
[REDACTED]						
[REDACTED]						
[REDACTED]						
[REDACTED]						
[REDACTED]						
[REDACTED]						
[REDACTED]						

[REDACTED]

H.14 Ddl-H13 POST AWARD CONTRACTOR PERSONNEL APPROVAL

(a) Requests for post award approval of additional and/or replacement Key personnel shall be submitted via e-mail. E-mail submissions shall be made simultaneously to the Contract Specialist, COR, and the Alternate COR. Electronic notification via e-mail from the Contract Specialist will serve as written approval/disapproval on behalf of the Contracting Officer. This approval is required before an individual may begin charging to the Task Order.

(b) Resumes shall be submitted in the format required. However, in order to expedite contract administration, Contractor format may be used providing sufficient information is submitted for an independent comparison of the individual's qualifications with labor category requirements.

(c) If the employee is not a current employee of the Contractor (or a Sub-Contractor), a copy of the accepted offer letter (which identifies a projected start date and the agreed to annual salary) shall be provided.

(d) TRIPWIRE NOTIFICATION: If the employee is a current employee of the Contractor (or a Sub-Contractor), the fully burdened hourly rate that will be invoiced under the order shall be provided. If the labor rate to be invoiced for the individual will exceed any Navy labor rate tripwire for service contracts in effect at time of the request for approval, the Contractor shall fully justify why the proposed individual is required for contract performance and the specific benefit to be derived from the individual's addition to the Task Order.

H.15 ECRAFT CROSS-WALK

The following eCRAFT cross-walk for this task order should be used with the eCRAFT language in Section C.37.

Contract Labor Category (current title)	eCRAFT Labor Category Title	Experience Level of Contractor	Key or Non-Key Personnel
Program Manager	MANAGER, PROGRAM/PROJECT III ----- MANP3	Level III	Key

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Senior Systems Engineer	ENGINEER, SYSTEMS IV ----- ESY4	Level IV	Key
Senior Mechanical Engineer	ENGINEER, MECHANICAL IV ----- EM4	Level IV	Key
Senior Electrical Engineer	ENGINEER, ELECTRICAL/ELECTRONICS IV ----- EE4	Level IV	Key
Senior Aerospace Engineer	ENGINEER IV ----- E4	Level IV	Non-Key
Senior Computer Systems/Software Engineer	ENGINEER, COMPUTER IV ----- EC4	Level IV	Non-Key
Systems Engineer	ENGINEER, SYSTEMS II ----- ESY2	Level II	Non-Key
Electrical Engineer	ENGINEER, ELECTRICAL/ELECTRONICS II ----- EE2	Level II	Non-Key
Mechanical Engineer	ENGINEER, MECHANICAL II ----- EM2	Level II	Non-Key
Computer Systems/Software Engineer	ENGINEER, COMPUTER II ----- EC2	Level II	Non-Key
Junior Engineer	ENGINEER I ----- E1	Level I	Non-Key
Configuration Management Analyst	SPECIALIST, CONFIGURATION MGMT I ----- SCM1	Level I	Non-Key
Program Analyst	ANALYST, OPERATIONS II ----- ANP2	Level II	Non-Key
Accounting Clerk III	CLERK, ACCOUNTING III ----- 01013	Level III	Non-Key
Drafter/CAD Operator III	DRAFTER/CAD OPERATOR III ----- 30063	Level III	Non-Key
Drafter/CAD Operator IV	DRAFTER/CAD OPERATOR IV ----- 30064	Level IV	Non-Key
Electronics Technician Maintenance III	ELECTRICIAN, MAINTENANCE III ----- 23183	Level III	Non-Key
Engineering Technician II	TECHNICIAN, ENGINEERING II ----- 30082	Level II	Non-Key
Engineering Technician III	TECHNICIAN, ENGINEERING III ----- 30083	Level III	Non-Key
Engineering Technician IV	TECHNICIAN, ENGINEERING IV ----- 30084	Level IV	Non-Key
Engineering Technician V	TECHNICIAN, ENGINEERING V ----- 30085	Level V	Non-Key
Engineering Technician VI	TECHNICIAN, ENGINEERING VI ----- 30086	Level VI	Non-Key
Supply Technician	TECHNICIAN, SUPPLY ----- 01410	Level I	Non-Key
Technical Writer III	TECHNICAL WRITER III ----- 30463	Level III	Non-Key
Word Processor III	WORD PROCESSOR III ----- 01613	Level III	Non-Key

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SECTION I CONTRACT CLAUSES

I.1 CLAUSES INCORPORATED BY REFERENCE

52.203-16	Preventing Personal Conflicts of Interest	DEC 2011
52.204-6	Data Universal Numbering System Number	APR 2008
52.219-6	Notice of Total Small Business Set-Aside	NOV 2011
52.219-14	Limitations on Subcontracting	NOV 2011
52.222-4	Contract Work Hours and Safety Standards Act: Overtime Compensation	MAY 2014
52.222-41	Service Contract Labor Standards	MAY 2014
52.222-43	Fair labor Standards Act and Service Contract Labor Standards - Price adjustment (Multiple Year and Option Contracts)	MAY 2014
52.222-50	Combating Trafficking in Persons	MAR 2015
52.227-1	Authorization and Consent	DEC 2007
52.227-2	Notice and Assistance regarding Patent and Copyright Infringement	DEC 2007
52.227-11	Patent Rights - Ownership by the Contractor	MAY 2014
52.228-3	Workers' Compensation Insurance (Defense Base Act)	APR 1984
52.228-5	Insurance - Work on a Government Installation	JAN 1997
52.233-3	Protests After Award, Alt I (1985)	AUG 1996
252.203-7994	Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements-Representation (DEVIATION 2017-O0001)	NOV 2016
252.203-7995	Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements (DEVIATION 2017-O0001)	NOV 2016
252.204-2005	Oral Attestation of Security Responsibilities	NOV 2001
252.222-7002	Compliance with Local Laws (Overseas)	JUN 1997
252.225-7028	Exclusionary Policies and Practices of Foreign Governments	APR 2003
252.225-7040	Contractor Personnel Supporting U.S. Armed Forces Deployed Outside the United States	OCT 2015
252.225-7043	Antiterrorism/Force Protection Policy for Defense Contractors Outside the United States	JUN 2015
252.225-7993	Prohibition on Contracting with the Enemy	
252.227-7013	Rights in Technical Data - Noncommercial Items	FEB 2012
252.227-7014	Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation	FEB 2012
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	JUN 2012
252.227-7039	Patent Rights - Reporting of Subject Inventions	APR 1990
252.228-7003	CAPTURE AND DETENTION	DEC 1991
252.233-7001	CHOICE OF LAWS	JUN 1997

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252.245-7001	Tagging, Labeling and Marking of Government-Furnished Property	APR 2012
252.245-7002	Reporting Loss of Government Property	APR 2012
252.245-7003	Contractor Property Management System Administration	APR 2012
252.245-7004	Reporting, Reutilization, and Disposal	SEP 2012
252.246-7007	Contractor Counterfeit Electronic Part Detection and Avoidance System	AUG 2016

All clauses in the Offeror's MAC contract pertain to this Task Order, as applicable. The resultant Task Order will be considered non-commercial; therefore, the commercial clauses identified in Section I of the Offeror's MAC contract do not apply. The clauses listed below are also not applicable to this procurement:

52.227-3 Patent Indemnity
52.227-13 Patent Rights - Ownership by the Government
525.246-7001 Alternates I & II - Warranty of Data

Note: Regarding 52.244-2 - SUBCONTRACTS (JUNE 2007) - ALTERNATE I (JUNE 2007), teaming arrangements with any firm not included in the Contractor's basic MAC contract must be submitted to the basic MAC Contracting Officer for approval. Team member (Sub-contract) additions after Task Order award must be approved by the Task Order Contracting Officer.

I.2 CLAUSES INCORPORATED BY FULL TEXT

SERVICE CONTRACT ACT WAGE DETERMINATION(S)

(a) Due to the nature work required by the Statement of Work, a Wage Determination has been determined to be necessary to ensure appropriate minimum wages and fringe benefits are paid to non-exempt personnel performing under this Task Order. Work under this Task Order involves performance in the Washington, DC area and Exhibit B provides Rev. 8 to Wage Determination No. 2005-2103 for the District of Columbia, Maryland, and Virginia.

(b) The following table provides a correlation between Task Order labor categories in Section H, and Wage Determination Occupation Codes shown in Exhibit B. Offerors may find descriptions in the Service Contract Directory of Occupations which can be found at the following website:

<http://www.dol.gov/whd/contracts/sca.htm>.

Labor Category	Category Occupation Code
Accounting Clerk III	01013
Drafter/CAD Operator III	30063
Drafter/CAD Operator IV	30064
Electronics Tech Maintenance III	23183
Engineering Technician II	30082
Engineering Technician III	30083
Engineering Technician IV	30084
Engineering Technician V	30085
Engineering Technician VI	30086
Supply Technician	01410
Technical Writer III	30463
Word Processor III	01613

52.216-8 FIXED FEE (JUN 2011)

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(a) The Government shall pay the Contractor for performing this contract the fixed fee specified in the Schedule.

(b) Payment of the fixed fee shall be made as specified in the Schedule; provided that the Contracting Officer withholds a reserve not to exceed 15 percent of the total fixed fee or \$100,000, whichever is less, to protect the Government's interest. The Contracting Officer shall release 75 percent of all fee withholds under this contract after receipt of an adequate certified final indirect cost rate proposal covering the year of physical completion of this contract, provided the Contractor has satisfied all other contract terms and conditions, including the submission of the final patent and royalty reports, and is not delinquent in submitting final vouchers on prior years' settlements. The Contracting Officer may release up to 90 percent of the fee withholds under this contract based on the Contractor's past performance related to the submission and settlement of final indirect cost rate proposals.

52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000) (NAVSEA VARIATION) (APR 2015)

(a) The Government may extend the term of this contract by written notice(s) to the Contractor within the periods specified below. If more than one option exists the Government has the right to unilaterally exercise any such option whether or not it has exercised other options.

ITEMS	LATEST OPTION EXERCISE DATA
7100, 7199, 9100	No later than 12 months after the Task Order POP start date.
7200, 7299, 9200	No later than 24 months after the Task Order POP start date.
7300, 7399, 9300	No later than 36 months after the Task Order POP start date.
7400, 7499, 9400	No later than 48 months after the Task Order POP start date.

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

(c) The total duration of this contract, including the exercise of any option(s) under this clause, shall not exceed five (5) years, however, in accordance with paragraph (j) of the requirement of this contract entitled "LEVEL OF EFFORT - ALTERNATE 1" (NAVSEA 5252.216-9122), if the total manhours delineated in paragraph (a) of the LEVEL OF EFFORT requirement, have not been expended within the period specified above, the Government may require the Contractor to continue to perform the work until the total number of manhours specified in paragraph (a) of the aforementioned requirement have been expended.

52.222-2 PAYMENT FOR OVERTIME PREMIUMS (JUL 1990)

(a) The use of overtime is authorized under this contract if the overtime premium does not exceed _____ for the following labor categories-

Drafter/CAD Operator IV
Engineering Technician II

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Engineering Technician III
Engineering Technician IV
Engineering Technician V
Engineering Technician VI
Electronics Technician Maintenance III
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 subparagraph (a)(1) through (a)(4) of the clause.

52.222-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (MAY 2014)

In compliance with the Service contract Labor Standards statute and the regulations of the Secretary of Labor (29 CFR part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

This Statement is for information only: It is not a Wage Determination

Labor Category	Monetary Wage - Fringe Benefits
Accounting Clerk III	GS-5
Drafter/CAD Operator III	GS-6

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Drafter/CAD Operator IV	GS-8
Electronics Tech Maintenance III	WG-10
Engineering Technician II	GS-4
Engineering Technician III	GS-5
Engineering Technician IV	GS-7
Engineering Technician V	GS-9
Engineering Technician VI	GS-11
Supply Technician	GS-7
Technical Writer III	GS-11
Word Processor III	GS-5

52.239-1 PRIVACY OR SECURITY SAFEGUARDS (Aug 1996)

(a) The Contractor shall not publish or disclose in any manner, without the Contracting Officer's written consent, the details of any safeguards either designed or developed by the Contractor under this contract or otherwise provided by the Government.

(b) To the extent required to carry out a program of inspection to safeguard against threats and hazards to the security, integrity, and confidentiality of Government data, the Contractor shall afford the Government access to the Contractor's facilities, installations, technical capabilities, operations, documentation, records, and databases.

(c) If new or unanticipated threats or hazards are discovered by either the Government or the Contractor, or if existing safeguards have ceased to function, the discoverer shall immediately bring the situation to the attention of the other party.

52.244-2 -- SUBCONTRACTS (OCT 2010) - ALTERNATE I (JUNE 2007)

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

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

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

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

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

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

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

(2) Is fixed-price and exceeds—

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(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:

CONTRACTS WITH ANY FIRM NOT INCLUDED WITH THE BASIC CONTRACT PROPOSAL. FOR ADDING TEAM MEMBERS TO THE TASK ORDER AFTER AWARD, THE TASK ORDER CONTRACTING OFFICER'S APPROVAL IS REQUIRED. THE TASK ORDER CONTRACTING OFFICER WILL DETERMINE THE DOCUMENTATION TO BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL.

(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;

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(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) If the Contractor has an approved purchasing system and consent is not required under paragraph (c) or (d) of this clause, the Contractor nevertheless shall notify the Contracting Officer reasonably in advance of entering into any (i) cost-plus-fixed-fee subcontract, or (ii) fixed-price subcontract that exceeds either the simplified acquisition threshold or 5 percent of the total estimated cost of this contract. The notification shall include the information required by paragraphs (e)(1)(i) through (e)(1)(iv) 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:

ALL SUBCONTRACTORS SUBMITTED WITH THE BASIC CONTRACT PROPOSAL OR PROPOSALS SUBMITTED IN RESPONSE TO TASK ORDER SOLICITATIONS.

252.203-7997 PROHIBITION ON CONTRACTING WITH ENTITIES THAT REQUIRE CERTAIN INTERNAL CONFIDENTIALITY AGREEMENTS. (DEVIATION 2016-O0003)(OCT 2015)

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

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

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

(d)(1) Use of funds appropriated (or otherwise made available) by the Continuing Appropriations Act, 2016 (Pub. L. 114-53) or any other FY 2016 appropriations act that extends to FY 2016 funds the same prohibitions as contained in sections 743 of division E, title VII, of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235) may be prohibited, if the Government determines that the Contractor is not in compliance with the provisions of this clause.

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

SECTION J LIST OF ATTACHMENTS

Exhibit A - DD Form 1423, Contract Data Requirements List

Exhibit B - Wage Determination 2015-4329-8

Attachment J.1 - DD Form 254, Contract Security Classification Specification
(Revision 1)

[REDACTED]

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DISTRIBUTION

[REDACTED]