

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

2

PAGE OF PAGES

1

2

2. AMENDMENT/MODIFICATION NO.

P00001

3. EFFECTIVE DATE

27-Jun-2018

4. REQUISITION/PURCHASE REQ. NO.

1300709822

5. PROJECT NO. (If applicable)

N/A

6. ISSUED BY

CODE

N65236

7. ADMINISTERED BY (If other than Item 6)

CODE

N65236

SPAWAR-Systems Center Lant (CHRL)

SPAWAR-Systems Center Lant (CHRL)

SCD: C

P.O. BOX 190022

P.O. BOX 190022

North Charleston SC 29419-9022

North Charleston SC 29419-9022

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

SCIENCE APPLICATIONS INTERNATIONAL CORP

12010 Sunset Hills Road

Reston VA 20190

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

N00178-04-D-4119 / N6523618F3061

10B. DATED (SEE ITEM 13)

16-Apr-2018

CAGE
CODE

6XWA8

FACILITY CODE

[X]

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)
Pursuant to FAR Clause 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)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

BY

(Signature of Contracting Officer)

27-Jun-2018

NSN 7540-01-152-8070

30-105

STANDARD FORM 30 (Rev. 10-83)

PREVIOUS EDITION UNUSABLE

Prescribed by GSA
FAR (48 CFR) 53.243

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|----------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N6523618F3061 | AMENDMENT/MODIFICATION NO. P00001 | PAGE 2 of 2 | FINAL |
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GENERAL INFORMATION

P00001

The purpose of this modification is to: 1) incorporate two new FFP CLINs (8002 and 8003) for the base year to realign the FFP amount of \$12,331,857.91 from CLIN 8000 to include FFP totals for CLIN 8002 and 8003; 2) de-obligate \$1,550,877.77 from Cost CLIN 7000 02 AB to fund FFP CLIN 8000 02 AB; and 3) fund FFP CLIN 8000 01 AB in the amount of \$1,386,262.27, resulting in the established FFP total and fully funding 8000 FFP CLIN in the amount of \$2,937,140.04.

This modification will also incorporate ATTACHMENT 2 - Revised CAP and ATTACHMENT 4 - updated WD for Charleston, SC - Rev. 6.

Accordingly, said Task Order is modified as follows: 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 \$3,969,809.43 by \$1,386,262.27 to \$5,356,071.70.

| CLIN/SLIN | Type Of Fund | From (\$) | By (\$) | To (\$) |
|-----------|--------------|--------------|----------------|--------------|
| 700002 | PMC | 3,677,655.59 | (1,550,877.77) | 2,126,777.82 |
| 800001 | PMC | 0.00 | 1,386,262.27 | 1,386,262.27 |
| 800002 | PMC | 0.00 | 1,550,877.77 | 1,550,877.77 |

The total value of the order is hereby increased from \$17,571,331.59 by \$0.00 to \$17,571,331.59.

| CLIN/SLIN | From (\$) | By (\$) | To (\$) |
|-----------|---------------|----------------|--------------|
| 8000 | 12,331,857.91 | (9,394,717.87) | 2,937,140.04 |
| 8002 | 0.00 | 6,949,122.23 | 6,949,122.23 |
| 8003 | 0.00 | 2,445,595.64 | 2,445,595.64 |

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

| CLIN/SLIN | From | To |
|-----------|------|-----------------------|
| 8002 | | 4/16/2018 - 4/15/2019 |
| 8003 | | 4/16/2018 - 4/15/2019 |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|
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SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|--------|------|---|-----|------|-----------|-----------|----------------|
| 7000 | AC64 | Funding #1/Base Year-PMC Funding. Labor for this CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. (PMC) | 1.0 | LO | | | \$3,807,963.47 |
| 700001 | AC64 | ACRN: AA CLIN: 7000 01 PR #: 1300623951-0003 CRM #: 17-00688 CIN 130062395100002 Standard Doc. #: N6523617PR01557 Funding Doc #:M9545018RC74549 PSC: AC64 Network Activity #: 100001359172 0020 Funds Expiration: 9/30/2019 Amount: \$130,307.88 Applicable PWS Paragraphs - Paragraphs 3.1-3.7.11 Type / Appropriation: Direct Cite/ FY 17 PMC Funds Cost Code: 8RCR7454914N Base Year #1 - Funding Source (PMC) | | | | | |
| 700002 | AC64 | ACRN: AB CLIN: 7001 01 PR #: 1300623951-0003 CRM #: 17-00688 CIN 130062395100003 Standard Doc. #: N6523617PR01557 Funding Doc #:M9545018RC84669 PSC: AC64 Network Activity #: 100001357189 0010 Funds Expiration: 9/30/2020 Amount: \$3,677,655.59 Applicable PWS Paragraphs - Paragraphs 3.1-3.7.11 Type / Appropriation: Direct Cite/ FY 18 PMC Funds Cost Code: 8RC84669141N Base Year #2 - Funding Source (PMC) | | | | | |
| 7001 | AC64 | Funding #2/Base Year-RDT&E Funding. Labor for this CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. (RDT&E) | 1.0 | LO | | | \$994,470.06 |

For Cost Type / NSP Items

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|------|-----|---|-----|------|-----------|-----------|------|
| 7002 | | See Exhibit A - Contract Data Requirements List | 1.0 | LO | | | NSP |

For Cost Type Items:

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|------|-----|-------------------|-----|------|-----------|-----------|------|
|------|-----|-------------------|-----|------|-----------|-----------|------|

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|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|------|------|---|-----|------|------------|------------|----------------|
| 7100 | AC64 | Funding #1/Option Year 1-PMC Funding. Labor for this CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. (PMC) Option | 1.0 | LO | ██████████ | ██████████ | \$3,865,523.70 |
| 7101 | AC64 | Funding #2/Option Year 1-RDT&E Funding. Labor for this CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. (RDT&E) Option | 1.0 | LO | ██████████ | ██████████ | \$338,879.18 |

For Cost Type / NSP Items

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|------|-----|---|-----|------|-----------|-----------|------|
| 7102 | | Exhibit A - Contract Data Requirements List | 1.0 | LO | | | NSP |

For Cost Type Items:

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|------|------|---|-----|------|------------|------------|----------------|
| 7200 | AC64 | Funding #1/Option Year 2-PMC Funding. Labor for this CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. (PMC) Option | 1.0 | LO | ██████████ | ██████████ | \$1,625,966.18 |
| 7201 | AC64 | Funding #2/Option Year 2-RDT&E Funding. Labor for this CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. (RDT&E) Option | 1.0 | LO | ██████████ | ██████████ | \$345,272.46 |

For Cost Type / NSP Items

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|------|-----|---|-----|------|-----------|-----------|------|
| 7202 | | See Exhibit A - Contract Data Requirements List | 1.0 | LO | | | NSP |

For FFP Items:

| Item | PSC | Supplies/Services | Qty | Unit | Unit Price | Total Price |
|------|------|--|-----|------|----------------|----------------|
| 8000 | AC64 | Contractor Acquired Property (CAP) CLIN - PMC Funding/Base Year. CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. This CAP CLIN is designed to capture the total Firm-Fixed-Price for Contractor Acquired Property (CAP) using PMC Funding. (PMC) | 1.0 | LO | \$2,937,140.04 | \$2,937,140.04 |

| | | | | |
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| Item | PSC | Supplies/Services | Qty | Unit | Unit Price | Total Price |
|--------|------|--|-----|------|-----------------|-----------------|
| 800001 | AC64 | ACRN: AB CLIN: 8000 01 PR #: 1300709822-0002 CIN 130070982200001 Standard Doc. #: N6523617PR01557 Funding Doc #:M9545018RC84669 PSC: AC64 Network Activity #: 100001357189 0010 Funds Expiration: 9/30/2020 Amount: \$1,386,262.27 Applicable PWS Paragraphs - Paragraphs 3.1-3.7.11 Type / Appropriation: Direct Cite/ FY 18 PMC Funds Cost Code: 8RC84669141N Base Year - Contractor Acquired Property (CAP) This CAP CLIN is designed to capture the total Firm-Fixed-Price for CAP (PMC) | | | | |
| 800002 | AC64 | ACRN: AB CLIN: 8000 02 PR #: 1300709822-0002 CIN 130070982200004 Standard Doc. #: N6523617PR01557 Funding Doc #:M9545018RC84669 PSC: AC64 Network Activity #: 100001357189 0010 Funds Expiration: 9/30/2020 Amount: \$1,550,877.77 Applicable PWS Paragraphs - Paragraphs 3.1-3.7.11 Type / Appropriation: Direct Cite/ FY 18 PMC Funds Cost Code: 8RC84669141N Base Year - Contractor Acquired Property (CAP) This CAP CLIN is designed to capture the total Firm-Fixed-Price for CAP (PMC) | | | | |
| 8001 | AC64 | Contractor Acquired Property (CAP). CLIN - RDT&E Funding/Base Year. CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. This CAP CLIN is designed to capture the total Firm-Fixed-Price for Contractor Acquired Property (CAP) using RDT&E Funding. (RDT&E) | 1.0 | LO | \$266,408.47 | \$266,408.47 |
| 8002 | AC64 | Contractor Acquired Property (CAP). CLIN - PMC Funding/Base Year. CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. This CAP CLIN is designed to capture the total Firm-Fixed-Price for Contractor Acquired Property (CAP) using PMC Funding. (PMC) | 1.0 | LO | \$6,949,122.23 | \$6,949,122.23 |
| 8003 | AC64 | Contractor Acquired Property (CAP). CLIN - PMC Funding/Base Year. CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. This CAP CLIN is designed to capture the total Firm-Fixed-Price for Contractor Acquired Property (CAP) using PMC Funding. (PMC) | 1.0 | LO | \$2,445,595.64 | \$2,445,595.64 |
| 8100 | AC64 | Contractor Acquired Property (CAP). CLIN - PMC Funding/Option Year 1. CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. This CAP CLIN is designed to capture the total Firm-Fixed-Price for Contractor Acquired Property (CAP)using PMC Funding. (PMC) Option | 1.0 | LO | \$12,331,062.77 | \$12,331,062.77 |

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| Item | PSC | Supplies/Services | Qty | Unit | Unit Price | Total Price |
|------|------|---|-----|------|--------------|--------------|
| 8101 | AC64 | Contractor Acquired Property (CAP). CLIN - RDT&E Funding/ Option Year 1. CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. This CAP CLIN is designed to capture the total Firm-Fixed-Price for Contractor Acquired Property (CAP)using RDT&E Funding. (RDT&E) Option | 1.0 | LO | \$266,391.30 | \$266,391.30 |
| 8200 | AC64 | Contractor Acquired Property (CAP).CLIN - PMC Funding/ Option Year 2. CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. This CAP CLIN is designed to capture the total Firm-Fixed-Price for Contractor Acquired Property (CAP)using PMC Funding. (PMC) Option | 1.0 | LO | \$0.00 | \$0.00 |
| 8201 | AC64 | Contractor Acquired Property (CAP). CLIN - RDT&E Funding/ Option Year 2. CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. This CAP CLIN is designed to capture the total Firm-Fixed-Price for Contractor Acquired Property (CAP)using RDT&E Funding. (RDT&E) Option | 1.0 | LO | \$266,385.57 | \$266,385.57 |

For ODC Items:

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost |
|--------|------|--|-----|------|--------------|
| 9000 | AC64 | Funding #1/Base Year-PMC Funding. ODCs for this CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. (PMC) | 1.0 | LO | \$161,845.96 |
| 900001 | AC64 | ACRN: AA CLIN: 9000 01 PR #: 1300623951-0003 CRM #: 17-00688 CIN 130062395100004 Standard Doc. #: N6523617PR01557 Funding Doc #:M9545018RC74549 PSC: AC64 Network Activity #: 100001359172 0020 Funds Expiration: 9/30/2019 Amount: \$130,307.88 Applicable PWS Paragraphs - Paragraphs 3.1-3.7.11 Type / Appropriation: Direct Cite/ FY 17 PMC Funds Cost Code: 8RCR7454914N Base Year #1 - Funding Source (ODC's Only) (PMC) | | | |
| 900002 | AC64 | ACRN: AB CLIN: 9001 01 PR #: 1300623951-0003 CRM #: 17-00688 CIN 130062395100005 Standard Doc. #: N6523617PR01557 Funding Doc #:M9545018RC84669 PSC: AC64 Network Activity #: 100001357189 0010 Funds Expiration: 9/30/2020 Amount: \$31,538.08 Applicable PWS Paragraphs - Paragraphs 3.1-3.7.11 Type / Appropriation: Direct Cite/ FY 18 PMC Funds Cost Code: 8RC84669141N Base Year #2 - Funding Source (ODC's Only) (PMC) | | | |
| 9001 | AC64 | Funding #2/Base Year-RDT&E Funding. ODCs for this CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. (RDT&E) | 1.0 | LO | \$8,785.72 |
| 9100 | AC64 | Funding #1/Option Year 1-PMC Funding. ODCs for this CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. (PMC) Option | 1.0 | LO | \$164,591.19 |

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| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost |
|------|------|---|-----|------|--------------|
| 9101 | AC64 | Funding #2/Option Year 1-RDT&E Funding. ODCs for this CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. (RDT&E) Option | 1.0 | LO | \$4,125.49 |
| 9200 | AC64 | Funding #1/Option Year 2-PMC Funding. ODCs for this CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. (PMC) Option | 1.0 | LO | \$167,696.01 |
| 9201 | AC64 | Funding #2/Option Year 2-RDT&E Funding. ODCs for this CLIN is applicable to Paragraphs 3.1-3.7.11 of the PWS. (RDT&E) Option | 1.0 | LO | \$4,204.07 |

HQ B-2-0015 PAYMENTS OF FEE(S) (LEVEL OF EFFORT – ALTERNATE 1) (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 fee at the hourly rate(s) specified in the table below 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.

| Year | CLIN | Fixed Fee | Hours | Fee per Direct Labor Hour |
|---------------------------|------|------------|------------|---------------------------|
| Base Year (Funding 1) | 7000 | ██████████ | ██████████ | ██████████ |
| Base Year (Funding 2) | 7001 | ██████████ | ██████████ | ██████████ |
| Option Year 1 (Funding 1) | 7100 | ██████████ | ██████████ | ██████████ |
| Option Year 1 (Funding 2) | 7101 | ██████████ | ██████████ | ██████████ |
| Option Year 2 (Funding 1) | 7200 | ██████████ | ██████████ | ██████████ |
| Option Year 2 (Funding 2) | 7201 | ██████████ | ██████████ | ██████████ |

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

SPECIFICATIONS/STATEMENT OF WORK/PERFORMANCE WORK STATEMENT

Work under this performance-based contract will be performed in accordance with the following description/ specifications/ statement of work (SOW) which herein will be referred to as Performance Work Statement (PWS):

SHORT TITLE: ENGINEERING SYSTEMS DESIGN AND AFATDS MTS INTEGRATION, TECHNICAL, AND LOGISTICS OPERATIONS SUPPORT FOR USMC

1.0 PURPOSE

1.1 BACKGROUND

1) SSC Atlantic is tasked to provide Command, Control, Computers, Communications, Intelligence, Surveillance, and Reconnaissance (C4ISR) Engineering, Design, Integration, Networking, Logistics, Configuration Management (CM), Quality Assurance (QA), Technical Support, and Field Service Representative (FSR) Support to the United States Marine Corps (USMC) Armor & Fire Support Systems (PM AFSS) Program Office.

2) This particular effort of the Advanced Field Artillery Tactical Data System (AFATDS) Program is aimed at modernizing the MTS (Mobile Tactical Shelter) by incorporating the unique TPS (Target Processing Set) capability into the MTS. Common integrated C4ISR Systems between the TPS and the MTS such as network radios, Power Converter Conditioner (PCC), Display Unit, AFATDS computers, Environmental Control Unit and many other advanced C4ISR systems necessary to support the AFATDS must not be duplicated during the modernization of the MTS.

1.2 SCOPE

1) This effort includes the procurement, engineering, logistics, design, production, fabrication, testing, technical documentation, integration, and disposal of the AFATDS MTS and its associated C4ISR systems and components. This effort includes the mounting and dismounting of 154 MTSs from and onto all High Mobility Multipurpose Vehicle (HMMWV) variants designated by the AFATDS Program Office. This effort includes providing technical and Field Service Representative support of the integrated systems, as well as the development, kitting, and shipment of Integration Kits (IKs). This PWS covers both a quantity of 154 existing integrated AFATDS MTSs and two (2) new configurations of the AFATDS MTSs than that of the existing configuration. The AFATDS MTSs for the new configurations for a total quantity of 204 MTSs must be procured, engineered, designed, integrated, tested, and sustained. This PWS includes the de-integration and disposal of 154 previously integrated AFATDS MTSs, C4ISR systems and other material. This effort also includes all Logistic, Transportation, Configuration Management, and Quality Control support required to successfully manage a large scale program.

This PWS covers systems engineering, technical, logistics, and management support services provided to the United States Marine Corps (USMC) , Program Manager, Armor & Fire Support Systems (PM AFSS) Program Office from the Space and Naval Warfare Systems Center Atlantic (SPAWARSYSCEN Atlantic or SSC Atlantic). This support encompasses engineering analysis and recommendations for technical and logistical life cycle support for the AFATDS MTS system.

This TO is funded with multiple appropriations as delineated on specified contract line item numbers (CLINs). The TO period of performance spans one (1) base year plus two (2) option years. Note: The applicable TO PWS task(s) associated with each funding CLIN is outlined in Section B and Section G of the RFP.

NOTE: Work will not be performed in Afghanistan.

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2.0 APPLICABLE DOCUMENTS (AND DEFINITIONS)

The contractor shall ensure all work accomplished on task utilizes the latest innovations, best commercial practices, and current acceptable industry standards. In accordance with Defense Acquisition Policy changes, maximum utilization of non-government standards will be made wherever practical. Where backward compatibility with existing systems is required, selected interoperability standards will be invoked. For purposes of bidding, the following documents are not exclusive; however, all contractors shall be able to meet those cited when applicable to the task order.

2.1 REQUIRED DOCUMENTS

The following instructional documents are mandatory for use. Unless otherwise specified, the document's effective date of issue is the date on the request for proposal. Additional applicable documents may be included in specific task orders.

| | Document Number | Title |
|----|--------------------|---|
| a. | DoD 5000.64 | Accountability and Management of DoD Equipment and Other Accountable Property |
| b. | SPAWARINST 4440.12 | Management of Operating Materials and Supplies (OM&S), Government Furnished Property (GFP), Contractor Acquired Property (CAP) Property, Plant and Equipment (PP&E) and Inventory |
| c. | DOD 4160-21-M | Defense Material Disposition Manual |

| | | |
|----|--------------------|--|
| d. | DOD 4000.25-1-M | MILSTRIP |
| e. | DOD 4160-28-M | DoD DEMIL Program |
| f. | SECNAVINST 4440.34 | Secretary of the Navy Instruction – Implementation of Item Unique Identification within the DoN, dtd 22 Dec 09 |
| g. | DoD 5200.2-R | DoD Regulation – Personnel Security Program dtd Jan 87 |
| h. | DoDM 5200.01 | DoD Manual – Information Security Program Manual dtd 24 Feb 12 |
| i. | DoDD 5205.02E | DoD Directive – Operations Security (OPSEC) Program dtd 20 Jun 12 |
| j. | DoD 5205.02-M | DoD Manual – Operations Security (OPSEC) Program Manual dtd 3 Nov 08 |
| k. | DoD 5220.22-M | DoD Manual – National Industrial Security Program Operating Manual (NISPOM) dtd 28 Feb 06 |
| l. | DoDI 5220.22 | DoD Instruction – National Industrial |

| | | |
|----|--------------------|--|
| | | Security Program dtd 18 Mar 11 |
| m. | DoDI 8500.01 | DoD Instruction – Cybersecurity dtd 14 Mar 14 |
| n. | DoD 8570.01-M | Information Assurance Workforce Improvement Program dtd 19 Dec 05 with Change 3 dtd 24 Jan 12 |
| o. | SECNAV M-5239.2 | DON Information Assurance Workforce Management Manual dtd May 2009 |
| p. | SECNAV M-5510.30 | Secretary of the Navy Manual – DoN Personnel Security Program dtd Jun 2006 |
| q. | SECNAVINST 5510.30 | DoN Regulation – Personnel Security Program |
| r. | SPAWARINST 3432.1 | SPAWAR Instruction – Operations Security (OPSEC) Policy dtd 2 Feb 05 |
| s. | DoDI 6205.4 | Department of Defense Instruction, Immunization of Other Than U.S. Forces (OTUSF) for Biological Warfare |

| | | |
|----|----------------------------------|---|
| | | Defense |
| t. | SPAWARSYSCENLANTINST 12910.1A | Space and Naval Warfare Systems Center Atlantic Instruction – Deployment of Personnel and Contractor Employees to Specific Mission Destinations, of 28 Dec 09 |
| u. | SECNAVINST 5239.3B | DoN Information Assurance Policy, 17 Jun 09 |

2.2 GUIDANCE DOCUMENTS

The following documents are to be used as guidance. Unless otherwise specified, the document's effective date of issue is the date on the request for proposal. Additional applicable documents may be included in specific task orders.

| | Document Number | Title |
|----|---------------------------|---|
| a. | MIL-HDBK-61A | Configuration Management |
| b. | MIL-STD-130N | DoD Standard Practice – Identification Marking of US Military Property |
| c. | DOD 4000.25-1-M | MILSTRIP |
| d. | DOD 4160-28-M | DoD DEMIL Program |
| e. | ISO / IEC 15288 | System Life Cycle Processes |
| f. | ASME Y 14.100 | Engineering Drawing Practices |
| g. | ASMEY 14.24 | Types and Applications of Engineering Drawing Practices |
| h. | ASME Y 14.34 | Parts Lists, Data Lists, and Index Lists |
| i. | MIL-STD-810G | Environmental Engineering Considerations |
| j. | MIL-STD-2073-1E | DoD Standard Practice for Military Packaging |
| k. | ISO 9001 (ANSI/ASQ Q9001) | International Organization for Standardization (American National Standard Institute/American Society for Quality) – Quality Management Systems, Requirements |
| l. | MIL-STD-129P | Military marking for Shipment and Storage |
| m. | MIL-STD-130N | DoD Standard Practice Identification Marking of US Military Property |

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| | Document Number | Title |
|-----|-------------------------------|---|
| n. | MIL-STD-1472 | DoD Design Criteria Standard – Human Engineering |
| o. | ASTM E2377-10 | Standard Specification for Shelter, Electrical Equipment, Lightweight |
| p. | MIL-STD-881C | Work Breakdown Structure for Defense Materiel Items |
| q. | ANSI/EIA-748A | America National Standards Institute/Electronic Industries Alliance Standard – Earned Value Management (EVM) Systems |
| r. | ISO/IEC 15288 | International Organization for Standardization/ International Electrotechnical Commission: Systems and Software Engineering – System Life Cycle Processes |
| s. | ISO/IEC 12207 | International Organization for Standardization/ International Electrotechnical Commission: Systems and Software Engineering – Software Life Cycle Processes |
| t. | DoDD 5000.01 | DoD Directive – The Defense Acquisition System |
| u. | DoDI 5000.02 | DoD Instruction – Operation of the Defense Acquisition System |
| v. | MIL-STD-1916 | DoD Test Method Standard – DoD Preferred Methods for Acceptance Of Product |
| w. | HSPD-12 | Homeland Security Presidential Directive – Policy for a Common Identification Standard for Federal Employees and Contractors, August 27, 2004 |
| x. | DoDM-1000.13-M-V1 | DoD Manual – DoD Identification Cards: ID card Life-Cycle dtd 23 Jan 14 |
| y. | FIPS PUB 201-2 | Federal Information Processing Standards Publication 201-2 – Personal Identity Verification (PIV) of Federal Employees and Contractors, August 2013 |
| z. | Form I-9, OMB No. 115-0136 | US Department of Justice, Immigration and Naturalization Services, Form I-9, OMB No. 115-0136 – Employment Eligibility Verification |
| aa. | N/A | SSC Atlantic Contractor Check-in portal – https://wiki.spawar.navy.mil/confluence/display/SSCACOG/Contractor+Checkin |
| bb. | DoDI 4151.19 | DoD Instruction – Serialized Item Management (SIM) for Life-Cycle Management of Materiel, 9 Jan 14 |
| cc. | DoDI 4161.02 | Accountability and Management of Government Contract Property, Apr 27,2012 |
| dd. | DoDI 8320.04 | DoD Instruction – Item Unique Identification (IUID) Standards for Tangible Personal Property, 3 Sep 15 |
| ee. | SPAWARSYSCENLANTINST 12910.1A | Space and Naval Warfare Systems Center Atlantic Instruction – Deployment of Personnel and Contractor Employees to Specific Mission Destinations, of 28 Dec 09 |
| ff. | DoDI 3020.41 | DoD Instruction – Operational Contract Support (OCS), of 20 Dec 10 |
| gg. | DoD 4140.26M | DoD Integrated Materiel Management (IMM) for Consumable Items: Supply Support Requests (SSRs) |

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| | Document Number | Title |
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| hh. | SECNAVINST 5000.2E | DON Implementation and Operation of the Defense Acquisition System and the Joint Capabilities |
| ii. | MIL-STD-882E | Standard Practice for System Safety |
| jj.. | MIL-STD-464 | Electromagnetic Environmental Effects Requirements For Systems |
| kk. | GEIA-STD-0007 | Logistics Product Data |

2.3 SOURCE OF DOCUMENTS

The contractor shall obtain all applicable documents. Many documents are available from online sources. Specifications and commercial/industrial documents may be obtained from the following sources:

Copies of Federal Specifications may be obtained from General Services Administration Offices in Washington, DC, Seattle, San Francisco, Denver, Kansas City, MO., Chicago, Atlanta, New York, Boston, Dallas and Los Angeles.

Copies of military specifications may be obtained from the Commanding Officer, Naval Supply Depot, 3801 Tabor Avenue, Philadelphia, PA 19120-5099. Application for copies of other Military Documents should be addressed to Commanding Officer, Naval Publications and Forms Center, 5801 Tabor Ave., Philadelphia, PA 19120-5099.

All other commercial and industrial documents can be obtained through the respective organization's website.

3.0 PERFORMANCE REQUIREMENTS

The following paragraphs list all required support tasks that will be required throughout the contract life. The contractor shall provide necessary resources and knowledge to support the listed tasks. The contractor shall complete all required tasks while controlling and tracking performance and goals in terms of costs, schedules, and resources.

Note: In compliance with SPAWARINST 4720.1A – SPAWAR Modernization and Installation Policy, all contract installation work performed aboard Navy ships and Navy shore sites is under Installation Management Office (IMO) supervision; otherwise, a formal exemption request has been approved. In accordance with the Fleet Readiness Directorate Standard Operating Procedure (FRD SOP), COMSPAWARSYSCOM letter Ser FRD/235 dated 24 Apr 12, the contractor shall ensure proper notification and status updates of installation work performed outside of SPAWARSYSCEN Atlantic respective Areas of Responsibilities (AORs) are provided to the SPAWAR Officer in Charge (OIC) or applicable Geographic Lead.

3.1. RELEVANT EXPERIENCE

3.1.1 Systems and Equipment

The contractor shall provide functional and technical expertise supporting the AFATDS-MTS. The total shelter equipment power load in the MTS shall be calculated and considered as part of the engineering design and integration efforts.

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3.2. PROGRAM MANAGEMENT

3.2.1 Program Support

The contractor shall work closely with SSC Atlantic project managers supporting the needs of the program at the sponsor level. Coordination of meetings, preparing budget drills, developing agenda items, attending at high-level meetings, generating minutes, and tracking action items shall be required.

3.2.2 Program Support Documentation

A weekly project status report (CDRL A009) of accomplishments, challenges, and financial outlook shall be delivered to SSC Atlantic management. The contractor shall develop and draft various program management (PM) documents. The contractor shall have knowledge writing the following documents:

- Cost Estimation
- Meeting Agenda and Minutes
- Plans of Action and Milestone
- Work Breakdown Structure (WBS)
- Operational Requirements Document (ORD)
- Logistic Management Information Summaries

3.3. SYSTEMS ENGINEERING SUPPORT

3.3.1 Research, Analysis, Planning, and Preparation

The contractor shall research, analyze and translate data into qualitative and quantitative technical requirements to allow for planning and project start-up, including site survey and analysis, identification of requirements, statement of existing systems/equipment/technologies, considerations and comparisons of candidate solutions, recommendations, scheduling and implementation schedule, work breakdown structures, logistics support, safety impacts, and cost. The contractor shall generate project management planning documents that will become the basis for further project management.

3.3.2 Planning and Preparation includes the implementation schedule; presenting a systematic and integrated approach to accomplishing new installations and/or upgrade existing equipment, including dates of procurement, shipment/transit, installation and checkout. It also reflects the logistics support approach for maintenance, parts support, documentation, and other logistic needs. Cost data will provide the procuring activity with estimated budgetary information for planning purposes.

3.3.3 The contractor shall prepare Configuration and Systems Engineering Management Plans (CDRLs A17 and A018 respectively) that describe the topics described above.

3.3.4 Research and Development (R&D)

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The contractor shall support the development and application of technical and analytical disciplines to conduct fundamental research; technical study and experimentation directed toward the assessment of system and subsystem requirements; development, analysis and evaluation of concepts, technologies, systems and subsystems; and development of operational concepts and tactics with the end goal being the application of results to developing new and improving the existing AFATDS-MTS. The contractor shall develop Technical Reports and Documentation (CDRL A001) necessary to document design problems or challenges. The Technical Report and Documentation shall contain information clearly describing the problem encountered, probable root cause, and recommended courses of action.

3.3.5 Modeling & Simulation

The contractor shall apply a standardized, rigorous, structured methodology to create and validate two (2) prototypes of the AFATDS-MTS. The contractor shall be able to use models, including emulators, prototypes, simulators, and stimulators, either statically or overtime, to develop data as a basis for making managerial, technical, strategic, or tactical decisions.

3.3.6 System Design & Documentation

The contractor shall be able to support the engineering effort required to prepare and assure that the detailed technical data documentation that is necessary to support system development reflects the latest design, configuration, integration, and installation concepts. The contractor shall support the Preliminary Design Review (PDR) and the Critical Design Review (CDR). The contractor shall provide support in developing, updating and maintaining a Systems Engineering Management Plan (CDRL A016). The contractor shall ensure technical documentation be in a form of paper, electronic (digital) or interactive computer systems. The contractor shall develop Technical Data Packages (TDP) in accordance with ASME Y 14.1, ASME Y14.24, and ASME Y 14.34 and developmental (Level 3) Technical Data Packages (TDP) shall be delivered to SSC Atlantic. Basic components of the Developmental (Level 3) TDP packages shall include:

- i. 3D Metal Fabrication Drawings
- ii. 2D Cable Fabrication and Modification Drawings
- iii. Electrical Wiring Schematics (Interconnect Diagrams (ICD))
- iv. Top-Down Diagrams (Annotates Integrated Component Locations)
- v. Integration Manuals (System and Shelter)
- vi. Indentured Bill of materials
- vii. Vendor Item Control Drawings (VICDs)
- viii. Installation control drawings

3.3.7 Configuration Management

As outlined in MIL-HDBK-61A, the contractor shall apply engineering analytical disciplines to identify, document, and verify that functional, performance, and physical characteristics of systems, to control changes and non-conformance, and to track actual configurations of systems and platforms. Specifically, the contractor shall maintain the configuration of each MTS platform in VIS Control presents the detailed inventory of each platform, and the integrated system components. The contractor shall support and maintain a CM plan (CDRL A018) that will address:

- (a) Configuration identification
- (b) Product Structure (Naming Convention)
- (c) Configuration Items
- (d) Configuration Documentation Requirements
- (e) Configuration Baselines
- (f) Document and Item Identification

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- (g) Interface Requirements
- (h) Configuration Control Activity
- (i) Configuration Change Forms
- (j) Configuration Control Board (CCB)
- (k) Request for Deviation
- (l) Notice of Revision
- (m) Configuration Status Accounting
- (n) Configuration Verification and Audit
- (o) Controlled Substitutions
- (p) Bills of Materials integrated on each MTS

3.3.8 Human System Interface (HSI)

The contractor shall be knowledgeable of using one or more disciplined, unified, and interactive approaches in integrating human user considerations and requirements into the system or system of systems design.

3.4. TECHNICAL SUPPORT

3.4.1 Site Surveys and Studies

The contractor shall conduct site surveys to determine the optimum location and configuration for an equipment/system modifications or upgrades. The contractor shall gather all pertinent environmental, engineering, configuration and design information relevant to site conditions, analyzing the collected data, performing necessary calculations to make technical recommendations, and preparing technical reports and documentation (CDRL A001) for a specific engineering change proposal, modification, or system upgrade.

3.4.2 Equipment and Material Support

The contractor shall provide various equipment/material support that ranges from research, procurement, fabrication, integration, and delivery.

3.4.2.1 Equipment/Material Research

The contractor shall provide material research for an Environmental Control Unit (ECU) that is quieter with regards to ambient noise level. It must have a higher capacity for cooling and heating, and it must be smaller in size than the current ECU (PN: GSQ396ZABNWX11). The ECU shall be capable of integrating into the MTS.

3.4.2.2 Equipment/Material Procurement

Pursuant to SPAWARINST 4440.12, the contractor shall procure items listed under the Contractor Acquired Property (CAP) paragraph with the approval of the COR. The contractor shall ensure acquisition selection factors include price, availability, reliability, sustainability, and supportability within current supply system. The contractor shall keep source selection records and make it available for government review. The contractor shall provide all support data, provisioning data, and cost estimates

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necessary to justify a fair and reasonable price per item procured. The contractor shall utilize and maintain either VIS or any other Automated Information System (AIS) approved by SSC Atlantic including CMPRO to track the receipt for of all items relevant to the AFATDS program. The contractor shall have an adequate accounting system to track the delivery status per item for all Contractor Acquired Property. All items procured by the contractor shall be utilized or staged at the contractor's facility, transported by the contractor to the installation site, integrated or consumed in a system, or returned to the government at the completion of the TO. The contractor shall be responsible for generating inventory tracking report(s) (CDRL A003) for this task order.

(a) Product Validation – The contractor shall certify that it purchases supplies from authorized resellers and/or distributors. Unless otherwise specified, the contractor shall warrant that the products are new and in their original box. The contractor shall obtain all manufacturer products submitted in task order offers from authentic manufacturers or through legal distribution channels only, in accordance with all applicable laws and policies at the time of purchase. The contractor shall provide the Government with a copy of the End User license agreement, and shall warrant that all manufacturer software/firmware is licensed originally to Government as the original licensee authorized to use the manufacturer software/firmware. The contractor shall track the licensing information and have it available for government review .

(b) Cybersecurity/Computer Security Requirements – The contractor shall ensure that all products recommended and/or procured that impact cybersecurity or Information Assurance (IA) shall be selected from the NIAP Validated Products List. The contractor shall ensure the products chosen are based on the appropriate Evaluated Assurance Level (EAL) for the network involved, and utilized in accordance with latest Defense Information Systems Agency (DISA) policy at time of order. The contractor shall store all product information and have it available for government review as needed.

(c) Item Unique Identification (IUID) – In accordance with DFARS clause 252.211-7003/7007 and SECNAVINST 4440.34, the contractor shall ensure that an item manufactured, integrated, or purchased with a unit cost equal to or exceeding \$5,000 (or less if item is serially managed or if government specifies items on individual task/delivery orders) shall be marked/labeled with the IUID prior to delivery to the Government.. At time of delivery of the item to the Government, the contractor shall clearly mark and identify each applicable item based on the criteria provided in DoD MIL-STD-130N for those items not already marked. The contractor shall specify the construct, syntax, marking methodology, and quality methodology chosen to mark the required parts and any corresponding technical justification. The contractor shall include the system serial number along with the component serial number on the IUID marking. The contractor shall track IUID items and maintain information on all spare parts, secondary repairable, and consumables that exceed \$5,000 and all items that are serialized. All IUID information shall be recorded and shall be subject to government review as needed.

(i) After CAP is delivered to the government, the contractor shall enter all items with Unique Item Identifier (UII) in the IUID Registry. The contractor shall register and validate each IUID in the IUID Registry. The contractor shall submit IUID data via Invoicing, Receipt, Acceptance, and Property Transfer (iRAPT) (formerly Wide Area Workflow (WAWF)) as part of the Material Inspection and Receiving Report.

(ii) The contractor shall be responsible maintaining and updating information in the IUID Registry. Contractor shall update custody status when items are designated as government furnished material, returned to government position, change physical location, or has been consumed, destroyed, scrapped, lost or abandoned during TO performance.

(d) Radio Frequency Identification (RFID) – In accordance with DFARS clause 252.211-7006, and Under Secretary of Defense Memo Radio Frequency Identification (RFID), July 30, 2004, the contractor shall mark applicable items with Radio Frequency Identification (RFID).

3.4.2.3 Property/Inventory Tracking

In accordance with FAR clause 52.245-1, the contractor shall create and maintain internal records of all government property accountable to the TO, including Government-furnished and Contractor-acquired property. The contractor shall record each item delivered and/or ordered in a Material Inspection and Receiving Report/Inventory Tracking Report (CDRL A003) as specified in DFARS clause 252.211-7003. The report shall track the following information: item description, order date, serial number, model number, lot number, delivery location, and the manufacturer warranty period and expiration date,. The contractor shall have inventory report information available for government review as needed, and the contractor shall ensure the report information has the ability to be sorted and manipulated by any of the input fields. Separate from the government tracking system, the information in

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the contractor's records is a backup to the government records; therefore, the government will own all data rights to the collected information.

3.4.3 Warranty Tracking of Serialized Items

As specified in DFARS clause 252.246-7006 and Instructions for Electronic Submission of Warranty Tracking and Administration Information for Serialized Items (see CDRL A010), the contractor shall follow the requirements for any serialized item manufactured or acquired that come with a warranty:

3.4.3.1 For government specified warranty terms, the government will complete certain fields on the Warranty Tracking Information (WTI) form and Warranty Source of Repair Instructions (WSRI) form and electronically forwarded them to contractor. The contractor shall complete the remaining sections of the WTI and WSRI and forward the forms (CDRL A010) to the Contracting Officer and COR at time of delivery of the warranted serialized item(s).

3.4.3.2 For contractor/vendor specified warranty terms, the contractor shall complete all data elements for both the WTI and WSRI and shall forward the forms (CDRL A010) electronically to the tech code. The WTI shall be returned to the Contracting Officer and COR at TO award. The WSRI shall be returned to the Contracting Officer and COR at TO award or at time of delivery of the warranted serialized item(s).

3.4.3.3 For receipt and acceptance of items, the contractor shall comply with the following requirements:

(a) If the WTI and WSRI are submitted manually (as a PDF file), the contractor shall forward documents to COR for review. The contractor shall forward approved documents to government personnel responsible for posting the forms to Electronic Data Access (EDA).

(b) If utilizing the Wide Area WorkFlow (WAWF), the contractor shall ensure that the required warranty data is electronically submitted using the Contract Data Requirements List (CDRL) exhibit line item number (ELIN) functionality for the WAWF Materiel Inspection and Receiving Report or WAWF Repairable Receiving Report..

3.4.4 Warranty Management

The contractor shall serve as the warranty manager by tracking the applicable government acceptance dates/receipt dates against the serial number of equipment or the lowest replaceable unit (LRU) of a system. As warranty manager, the contractor shall, unless otherwise directed, submit warranty data on Warranty Tracking Information (WTI) form and Warranty Source of Repair Instructions (WSRI) as specified on the Warranty Tracking and Administration for Serialized Items (CDRL A010). The contractor shall upload data to the Wide Area WorkFlow (WAWF) Materiel Inspection and Receiving Report (or WAWF Repairable Receiving Report, if appropriate).

3.4.4.1 If there is no compatible government data base to maintain and track warranty life spans for the Government furnished property and/or Contractor acquired property under contract, the contractor shall internally track items by task order, serial numbers, and the information shall be updated monthly to identify the time left on the original warranty. The contractor shall provide the government a copy of the warranty information in an inventory tracking report (CDRL A003).

3.4.4.2 When an item has failed, the contractor shall determine if the item is still under warranty. If the item is under warranty, the contractor shall obtain a Return for Maintenance Authorization (RMA) number and instructions on how to get the product repaired or replaced from the manufacturer or authorized distributor. A Warranty and Non-Warranty Failure Status Repair Report (CDRL A011) shall be submitted to the COR on all warranty and non-warranty actions taken during the preceding quarter and collected cumulatively. The contractor shall submit the report within fifteen (15) days of the completion of the quarter. Quarters will be based on the fiscal year beginning in the month of October.

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3.4.5 Maintenance

This type of work entails, the following: maintenance, overhaul, troubleshooting, and repair of the AFATDS-MTS as a whole and to include individual components. Maintenance support work will involve traveling. Contractor personnel shall be highly experienced in C4ISR system integration.

3.4.6 On-Site Technical Assist

The contractor shall provide technical assistance directly for Casualty Report (CASREP) resolution, fault analysis, testing, and/or repair of the AFATDS-MTS, SPAWARSSYSCEN Atlantic installed systems and associated equipment, to restore the units to operational status. The contractor shall be prepared to commence travel for onsite assistance within 24 hours of notification. Contractor personnel shall be technically knowledgeable and capable of analyzing system problems and implementing corrective actions without direct assistance or support from SPAWARSSYSCEN Atlantic personnel if and when required. Technical assistance may also involve collecting additional information for SPAWARSSYSCEN Atlantic, such as design, operation and equipment conditions, training and skill levels of site operators, engineering change status, initial calibration, recalibration, and maintenance problems. The contractor shall report findings, analysis results and corrective action taken associated with technical assistance provided, using the Government provided database/format/workspace.

3.4.7 Equipment/System Disposal

The contractor shall perform Material Disposition Support IAW established SPAWARSSYSCEN Atlantic processes and procedures to disposition E, O&U to include redistribution of excess at AFSS PMO direction, scrap disposal and turn in to local SPAWARSSYSCEN Atlantic Defense Logistics Agency (DLA) Disposition Support Services thirty (30) days prior to the end of this task order. The contractor shall inventory and document material categorized as E, O&U that includes: National Stock number (NSN), Part Number, Description, Cage Code, Unit Value, Quantity by Supply Condition Code and Total value.

3.5. SYSTEM IMPLEMENTATION

3.5.1 Test and Checkout

The contractor shall develop technical In-Process Inspection (IPI) instructions and check sheets to support system operational checks during and after systems-of-systems maintenance and integration. The contractor shall perform system verification and functionality check-outs of all C4ISR systems prior to shipping of MTSs. The contractor shall support test and evaluation activities as well as operational assessments. The contractor shall be able to support the development and the update of the Quality Plan (CDRL A005) to include test plans, procedures and reports.

3.5.2 Production

The contractor shall support SPAWARSSYSCEN Atlantic in conducting a Production Readiness Review. The contractor shall develop and issue a Project Status Report (CDRL A009) that captures part shortages, real-time or projected, required for production. This report shall contain the following information:

- Individual shortfalls for each MTS
- Identify nomenclature, part number, and CAGE of shortfall
- Quantity needed to eliminate shortfall
- Provide information of proposed suitable-substitutes (e.g. nomenclature, part number, CAGE)
- The month the individual shortfall/part is required to meet production schedules.

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b) The contractor shall develop, issue, and maintain a Project Status Report (CDRL A009). The report shall contain the following information for each MTS covered under this TO that has been delivered or previously shipped under this TO, as to maintain a record:

- Shelter Number
- Shelter Serial Number
- Vehicle (HMMWV) Registration Number
- Shelter/HMMWV Destination (provided by Government)
- Configuration (provided by Government)
- Arrival Date
- Configuration Code (provided by Government)
- Current MTS Location
- Integration Start Date
- Integration Completion Date
- Shelter BOM Verification Status
- Required Ship Date
- Required Delivery Date (RDD) (provided by Government)
- Actual Shipped Date
- Estimated Delivery Date (EDD)
- Shipment Tracking Information [e.g. Commercial Tracking #, Transportation Control Number (TCN), Document #]
- Previous Configuration

c) The contractor shall develop, issue, and maintain a Production MTS Report (CDRL A014). This report shall capture details of the integration, test, and checkout for each shelter that has entered the integration process. The report shall also indicate inspection results of stored shelters that have not yet entered integration or have already completed integration. The report shall contain the following:

- Shelter number
- Vehicle (HMMWV) Registration Number
- Integration Line Number
- Percent Complete – indicating at what state the shelter is in the process
- Test Status
- Final Buy Off Status
- Indication of phase-ins of engineering change notices or other changes

3.6. TESTING AND EVALUATION

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3.6.1 Testing Documentation

The contractor shall develop and execute system functionality test and operational checkout plans necessary to ensure all systems function properly and operate with minimal system and component degradation. The contractor shall support testing events at Aberdeen Proving Ground, Maryland (APG, MD), Quantico, VA. It is anticipated that Safety documentation will be required prior to testing in support of a Safety Release. This documentation will require Human Factors Analysis, a Safety Assessment Report, a Vehicle Letter of Integration, Hazardous Materials identification, Lithium ion battery certification, Co-site Interference Analysis, analysis of Electromagnetic Environmental Effects (E3) (HERP/HERF/HERO), as well as power analysis.

3.6.2 First Article Test, Audits

The contractor shall support SPAWARSSYSCEN Atlantic in conducting a Physical Configuration Audit (PCA). The Contractor shall support SPAWARSSYSCEN Atlantic in conducting Test Readiness Reviews and System Verification Reviews throughout this task order. The Contractor shall be prepared to support a First Article Inspection (FAI) conducted by the Government.

3.7 LIFECYCLE LOGISTICS SUPPORT

The contractor shall be able to apply engineering and analytical disciplines required to implement life-cycle (acquisition) logistics as a multi-functional technical management discipline associated with the experimental development, design, development, test, production, fielding, sustainment, and improvement modifications of cost effective systems that achieve the AFATDS-MTS readiness requirements. The principal objective of lifecycle (acquisition) logistics are to ensure that support considerations are an integral part of the system's design requirements, that the system can be cost effectively supported through its life-cycle, and that the research and development facilities and infrastructure elements necessary to the design, development, initial fielding, and operational support of the system are identified, developed, acquired, and supported.

3.7.1 Property Accountability

The contractor logistics team shall utilize and maintain the SPAWARSSYSCEN Atlantic Vehicular Integrated Solutions (VIS) Control tracking tool and inventory management system that tracks and manages all AFATDS-MTS program relevant designated property aspects including:

Bar code identification of each shelter, system, or integration kit covered under this task order, and the serialized property integrated into a MTS or included in an integration kit, such as:

- a. Shelters
- b. Integration Kits
- c. Serialized C4ISR Components

Alternatively, the contractor may record all applicable information in CMPRO.

3.7.2 Radio Frequency Identification (RFID)

The contractor shall meet all necessary Radio Frequency Identification (RFID) requirements for work covered under this task order, per MIL-STD-130.

3.7.3 Inventory Control

The contractor shall maintain full inventory control of all MTSs, systems, integration kits, GFE, and all material required to support this tasking.

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- (a) The contractor shall maintain receipt, inspection and inventory control of all shelters, vehicles (HMMWVs) and material over packed in shelters upon receipt that are related to this effort.
- (b) The contractor shall execute and maintain all shelter and vehicle (HMMWV) movement, location tracking, transportation, and shipping related to this effort.
- (c) The contractor shall manage the transfer, receipt, movement, location tracking and control of shelters and vehicles (HMMWVs) by SPAWARSYSCEN Atlantic in support of this effort.
- (d) The contractor shall manage the transfer and receipt and inspection of all Government Furnished Equipment (GFE) and material by SSC Atlantic in support of this effort.

3.7.4 Integration Kitting

The contractor shall support shelter integration kitting efforts to include the following:

- (a) The contractor shall ship, receive, and store all GFE, cables, metal, hardware, crates, pallets, and other materials designated to support shelter integration.
- (b) The contractor shall transport material back and forth between SPAWARSYSCEN Atlantic and the contractor facility.
- (c) The contractor shall provide full inventory management and control through the use of the SPAWARSYSCEN Atlantic VIS Control or CMPRO.
- (d) The contractor shall provide all physical assets such as laptops, CAC readers, printers, data plans, and ancillary equipment necessary to access and utilize VIS Control or CMPRO remotely.
- (e) The contractor shall provide SPAWARSYSCEN Atlantic Government and AFSS Program Office government and support contractor personnel unescorted access to the contractor's facility during all working hours to include any weekends worked to allow for program management, quality assurance, and general oversight purposes.
- (f) The contractor shall provide internet access for Government personnel supporting contract oversight, shelter integration or kitting efforts covered under this task order within the contractor facility.
- (g) The contractor shall make reasonable space accommodation for those Government personnel performing program management, inventories, material kitting, technical representation, and contract oversight functions such as system functionality inspection.

3.7.5 Storage and Staging Area

The contractor shall coordinate the transport of shelters/vehicles (HMMWVs) and material to support execution of all tasks covered in this task order. The contractor shall ensure storage and staging area for material is professionally maintained throughout the task order.

3.7.6 Transportation of Shelters/vehicles/kits

The contractor shall be responsible for managing the transportation of all shelters/vehicles (HMMWVs), systems, and integration kits covered under this task order.

- a) The contractor shall coordinate and execute the transportation movements of shelters/vehicles (HMMWVs) both on and off Government property to support integration flow, storage, and shipments.
- b) The contractor shall provide drivers with Commercial Drivers Licenses (CDL) shall be required by the contractor to support the movement of shelters/vehicles (HMMWVs) mounted on HMMWVs.
- c) The contractor shall provide transportation support individuals required to guide moving vehicles on and around SPAWARSYSCEN Atlantic property to ensure vehicle movement safety for personnel and property.
- d) The contractor shall coordinate and manage the receipt and shipment of tactical vehicles, shelters, systems, material, and integration kits designated for this effort.

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e) The contractor shall support acquiring Transportation Control Numbers (TCN) for military shipments utilizing SPAWARSCEN Atlantic CMPRO shipping module.

f) The contractor shall be responsible for shelter, vehicle, system, integration kit, and material movements to and from SPAWARSCEN Atlantic to the contractor facility, and Military Bases where applicable to support AFATDS-MTS integration and fielding efforts.

g) The contractor shall coordinate the transportation of integrated shelters to their final destination.

3.7.7 Inventory Management

The contractor shall support SPAWARSCEN Atlantic in the overall Inventory Management Support of receiving, inspecting, segregating, labeling, marking and storing of material.

(a) The contractor shall utilize and manage all inventory transactions using the SPAWARSCEN Atlantic Government-owned Vehicular Integrated Systems (VIS) Control inventory and configuration management database system or CMPRO.

(b) The contractor shall conduct inventory cycle counts of 10% of overall inventory on a weekly basis; 100% annually and document any discrepancies on a Cycle Count Discrepancy Report (CCDR). The CCDR shall contain a copy of the CCDR from VIS control, a root cause analysis, applicable corrective actions with timeline of implementation, and a list, in .xlsx format, detailing the last 10 weeks of cycle counts showing:

- Each item that was counted over the past 10 weeks
- The date each item was counted for each of the last 10 weeks
- The quantity that was found for each item during the cycle count for each of the last 10 weeks
- The quantity shown in VIS Control for each item at the time of each of the count over the last 10 weeks

The Inventory Tracking Report (CDRL A003) requires acceptance and approval by SSC Atlantic prior to correcting data within the VIS Control or CMPRO.

(c) The contractor shall maintain an inventory accuracy rate of 98%.

(d) The contractor shall perform Material Re-utilization Support to include the inventorying, inspecting, testing, condition coding and re-packaging of prior issued/used C4ISR OM&S.

The contractor shall submit to the Government a Material Disposition Planning Request (CDRL A022). The request shall be issued 180 days prior to the end of the TO/period of performance. The contractor shall request from the Government disposition instructions for all GFP and CAP in their inventory. For each piece of GFP and CAP the request shall list the following:

- Item Description
- Part number
- Model number
- NSN
- De Mil Code
- Cage Code
- End item/System
- Quantity
- Serial Number

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-Condition Code

(e) The contractor shall coordinate all shipments of reutilized E, O&U material through SSC Atlantic Transportation Management Office (TMO) using SSC Atlantic TMO tools and processes.

1. The contractor shall coordinate with the sponsor and receiving organization to ensure all required shipping information to include DODAAC, TAC-2 shipping address, Receiving Point of Contact (Name, Commercial Phone number, email address) and Transportation Account Code (TAC) is provided. For any shipment destined for non-Government locations, the contractor shall ensure the following information is provided: Vendor Cage Code, Contract Number and Delivery Order Number, Receiving Point of Contact (Name, Commercial Phone number, email address) and Transportation Account Code (TAC) or Commercial shipping account number.

2. The contractor shall ensure proper PHS&T of all OM&S shipments.

3. The contractor shall ensure all required paperwork including DD1149, Material Safety Data Sheets (MSDS) and other required documentation is completed.

(f) The contractor shall coordinate the proper disposal of all non-Depot Level Repairable (DLR) E, O&U material through established processes and procedures and in coordination with local SPAWARSSYSCEN Atlantic DRMO Turn in organization by the Government.

3.7.8 Safety and Hazardous Material

The contractor shall maintain a safe working environment within SPAWARSSYSCEN Atlantic integration facilities as well as the contractor facilities. The contractor shall provide workforce with all necessary safety equipment required to support all tasks covered under this task order. The contractor shall meet all applicable OSHA regulations and standards while working in both Government-owned and contractor facilities in support of any task covered under this task order. The contractor shall also support the handling, shipping, documentation, certification, control, and storage of any hazardous material required to support any task covered under this task order.

3.7.9 Contractor Acquired Property Report

The contractor shall develop and issue an Inventory Tracking Report (CDRL A003). This report at a minimum shall contain the following information for all CAP ordered and/or received during the previous month:

-Item description

-Part number

-Quantity

-Unit of Measure

-Source

-Unit Cost

-Total Cost

-Date Ordered

-Date Received

3.7.10 Logistics Management Information Summaries

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The contractor shall provide LMI data that shall consist of a Provisioning Parts List (PPL). The contractor shall refer to GEIA-STD-0007 for guidance. The PPL shall contain the end item, component, or assembly and all support items which can be disassembled, reassembled, or replaced and which, when combined, constitute the end item, component, or assembly and shall include items such as parts and materials required for the operation and maintenance of the end item. The PPL shall contain repair parts required to maintain the end item.

CDRL A020: Logistic Management Information Summaries (Parts List)

3.7.11 Supplemental Data for Provisioning

The Supplemental Data for Provisioning (SDFP) shall provide sufficient information to permit Government maintenance, modification, and engineering analysis of commercial items. Contractor provided SDFP shall include technical data used to describe parts and equipment that consists of data such as specifications, standards, drawings, photographs, sketches and descriptions, assembly and general arrangement drawings, schematic drawings, schematic diagrams, and wiring and cable diagrams necessary to indicate the physical characteristics, location, and/or function of the item. The contractor shall provide SDFP that must provide:

- a. Technical information of items for maintenance support considerations
- b. Item identification/descriptions necessary for:

The contractor shall furnish SDFP in electronic format in the following order of precedence:

- a. Government or industry recognized specifications or standards
- b. Engineering drawings
- c. Commercial catalogs or catalogs descriptions
- d. Sketches or photographs with brief descriptions of dimensional, material, mechanical, electrical, or other descriptive characteristics

CDRL A020: Logistic Management Information Summaries

4.0 INFORMATION TECHNOLOGY (IT) SERVICES REQUIREMENTS

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4.1 INFORMATION TECHNOLOGY (IT) GENERAL REQUIREMENTS

The contractor shall be responsible for the following:

4.1.1 Ensure that no production systems are operational on any RDT&E network.

4.1.2 Follow DoDI 8510.01 of 12 Mar 2014 when deploying, integrating, and implementing IT capabilities.

4.1.3 Migrate all Navy Ashore production systems to the NMCI environment where available.

4.1.4 Work with government personnel to ensure compliance with all current Navy IT & cybersecurity policies, including those pertaining to Cyber Asset Reduction and Security (CARS).

4.1.5 Follow SECNAVINST 5239.3B of 17 June 2009 & DoDI 8510.01 of 12 Mar 2014 prior to integration and implementation of IT solutions or systems.

4.1.6 Register any contractor-owned or contractor-maintained IT systems utilized on contract in the Department of Defense IT Portfolio Registry (DITPR)-DON.

4.2 ACQUISITION OF COMMERCIAL SOFTWARE PRODUCTS, HARDWARE, AND RELATED SERVICES

Contractors recommending or purchasing commercial software products, hardware, and related services supporting Navy programs and projects shall ensure they recommend or procure items from approved sources in accordance with the latest DoN and DoD policies.

4.2.1 DoN Enterprise Licensing Agreement/DoD Enterprise Software Initiative Program

Pursuant to DoN Memorandum – Mandatory use of DoN Enterprise Licensing Agreement (ELA) dtd 22 Feb 12, contractors that are authorized to use Government supply sources per FAR 51.101 shall verify if the product is attainable through DoN ELAs and if so, procure that item in accordance with appropriate ELA procedures. If an item is not attainable through the DoN ELA program, contractors shall then utilize DoD Enterprise Software Initiative (ESI) program (see DFARS 208.74) and government-wide SmartBuy program (see DoD memo dtd 22 Dec 05). The contractor shall ensure any items purchased outside these programs have the required approved waivers as applicable to the program.

4.2.2 DoN Application and Database Management System (DADMS)

The contractor shall ensure that no Functional Area Manager (FAM) disapproved applications are integrated, installed or operational on Navy networks. The contractor shall ensure that all databases that use database management systems (DBMS) designed, implemented, and/or hosted on servers and/or mainframes supporting Navy applications and systems be registered in DoN Application and Database Management System (DADMS) and are FAM approved. All integrated, installed, or operational applications hosted on Navy networks must also be registered in DADMS and approved by the FAM. No operational systems or applications will be integrated, installed, or operational on the RDT&E network.

4.3 Section 508 Compliance

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The contractor shall ensure that all software recommended, procured, and/or developed is compliant with Section 508 of the Rehabilitation Act of 1973, 26 CFR Part 1194 and pursuant to SPAWARINST 5721.1B of 17 Nov 2009. In accordance with FAR 39.204, this requirement does not apply to contractor acquired software that is incidental to the task, software procured/developed to support a program or system designated as a National Security System (NSS) or if the product is located in spaces frequented only by service personnel for maintenance, repair or occasional monitoring of equipment.

5.0 TASK ORDER ADMINISTRATION

Task Order (TO) administration is required for all task orders; it provides the government a means for task order management and monitoring. Regardless of the level of support, the ultimate objective of the contractor is ensuring the government's requirements are met, delivered on schedule, and performed within budget.

5.1 TASK ORDER LIAISON

The contractor shall assign a technical single point of contact, also known as the Program Manager (PM) who shall work closely with the government Contracting Officer and Contracting Officer's Representative (COR). The contractor PM, located in the contractor's facility, shall ultimately be responsible for ensuring that the contractor's performance meets all government contracting requirements within cost and schedule. PM shall have the requisite authority for full control over all company resources necessary for contract performance. The PM shall have authority to approve task order modifications in emergent situations. The PM shall ultimately be responsible for the following: personnel management; management of government material and assets; and personnel and facility security. In support of open communication, the contractor shall initiate, unless otherwise directed at the task order level, periodic meetings with the COR.

5.2 TASK ORDER MONITORING AND MAINTENANCE

The contractor shall have processes established in order to provide all necessary resources and documentation during various times throughout the day in order to facilitate a timely task order (TO) modification. To address urgent requirements, the contractor shall have processes established during business and non-business hours/days in order to provide all necessary documentation and resources to facilitate a timely TO modification. *NOTE: Directly billing to a TO prior to TO award is prohibited.*

5.2.1 Task Order Administration Documentation

Various types of TO administration documents are required throughout the life of the task order. The contractor shall provide the following documentation, unless otherwise specified:

5.2.1.1 Task Order Status Report (TOSR)

The contractor shall develop a Task Order Status Reports (CDRL A002) and submit it monthly, weekly, and/or as cited in the requirements of each task order. The prime shall be responsible for collecting, integrating, and reporting all subcontractor reports. The TOSR include the following variations of reports:

(a) Monthly TOSR – the contractor shall develop and submit a TO status report monthly at least 30 days after TO award on the 10th of each month for those months the TO is active. The contractor shall report on various TO functions: performance, schedule, financial, business relations, and staffing plan/key personnel; see applicable DD Form 1423 for additional reporting details and distribution instructions. This CDRL includes a Personnel Qualification (Attachment 2) necessary for additional data collection.

(b) Weekly TOSR – the contractor shall develop and submit a weekly TO Status Report which is e-mailed to the COR no later

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than close of business (COB) every Friday. The first report is required on the first Friday following the first full week after the TO award date. The contractor shall ensure the initial report includes a projected Plan Of Action and Milestones (POA&M). In lieu of a formal weekly report, larger, more complex TOs requires an updated Earned Value Management report. The contractor shall include in the weekly report the following items and data:

1. Percentage of work completed
2. Percentage of funds expended per ship/sub/shore command and system
3. Updates to the POA&M and narratives to explain any variances
4. Notification when obligated costs have exceeded 75% of the amount authorized

(c) Data Calls – the contractor shall develop and submit a data call report which is e-mailed to the COR within six working hours of the request, unless otherwise specified by TO. The contractor shall ensure all information provided is the most current. Cost and funding data will reflect real-time balances. Report will account for all planned, obligated, and expended charges and hours. Unless otherwise noted, the contractor shall include in the data call the following items and data:

1. Percentage of work completed
2. Percentage of funds expended
3. Updates to the POA&M and narratives to explain any variances
4. List of personnel (by location, security clearance, quantity)
5. Most current GFP and/or CAP listing

5.2.1.2 Task Order Closeout Report

The contractor shall develop a task order (TO) closeout report (CDRL A004) and submit it no later than 15 days before the TO completion date. The Prime shall be responsible for collecting, integrating, and reporting all subcontracting information. See applicable DD Form 1423 for additional reporting details and distribution instructions.

5.2.1.3 Cybersecurity Workforce (CSWF) Report

DoD 8570.01-M and DFARS PGI 239.7102-3 have promulgated that contractor personnel shall have documented current cybersecurity certification status within their task order. The contractor shall develop, maintain, and submit a CSWF Report (CDRL A013) monthly. In accordance with DFARS 252.239-7001, if cybersecurity support is provided, the contractor shall provide a Cybersecurity Workforce (CSWF) list that identifies those individuals who are IA trained and certified. Utilizing the format provided in CSWF CDRL (A013), the prime contractor shall be responsible for collecting, integrating, and reporting all subcontractor personnel. See applicable DD Form 1423 for additional reporting details and distribution instructions. Contractor shall verify with the COR or other government representative the proper labor category cybersecurity designation and certification requirements.

5.2.1.4 Contractor Manpower Reporting

The following reporting is required for all DoD contracts acquiring services regardless if cost type or firm-fixed price contract:

(a) Enterprise-wide Contractor Manpower Reporting Application

Pursuant to NMCARS 5237.102-90, the contractor shall report all contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the DoD via a secure data collection website – Enterprise-wide Contractor Manpower Reporting Application (eCMRA). 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;

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- (3) Y, Construction of Structures and Facilities;
- (4) S, Utilities ONLY;
- (5) V, Freight and Shipping ONLY.

The contractor shall completely fill-in all required data fields using the following web address: [https:// doncmra.nmci.navy.mil/](https://doncmra.nmci.navy.mil/).

Reporting inputs consists of labor hours executed during the contract/TO period of performance within each Government fiscal year (FY) which runs from October 1 through September 30. While inputs may be reported any time during the FY, the contractor shall report all data no later than October 31 of each calendar year. Contractors may direct questions to the help desk at <http://www.ecrma.mil/>.

5.2.1.5 WAWF Invoicing Notification and Support Documentation

Pursuant to DFARS clause 252.232-7003 and 252.232-7006, the contractor shall submit payment requests and receiving reports using DoD Invoicing, Receipt, Acceptance, and Property Transfer (iRAPT) application (part of the Wide Area Work Flow (WAWF) e-Business Suite) which is a secure government web-based system for electronic invoicing, receipt, and acceptance. In accordance with clause 252.232-7006, the contractor shall provide e-mail notification to the COR when payment requests are submitted to the iRAPT/WAWF and the contractor shall include cost back-up documentation (e.g., delivery receipts, time sheets, & material/travel costs, etc.) to the invoice in iRAPT/WAWF. As requested, the contractor shall directly provide a soft copy of the invoice and any supporting invoice documentation (CDRL A023) directly to the COR within 24 hours of request to assist in validating the invoiced amount against the products/services provided during the billing cycle.

5.2.1.6 Labor Rate Limitation Notification

For all cost type, labor-hour service contracts/TO (not applicable for Simplified Acquisition Procedures (SAP) contracts or TOs that are wholly fix-priced), the contractors shall monitor the following labor rates as part of the monthly TO status report (see CSR/TOSR CDRL Attachment 2 – Personnel Qualification). The contractor shall initiate required notification if specified threshold values are met. NOTE: TOs that are wholly firm-fixed price are exempt from this requirement. The ability of a contractor to monitor labor rates effectively will be included in the task order Quality Assurance Surveillance Plan (QASP).

(a) Fully burden labor rates per person (subcontractor included) charged on task order – If the actual invoiced fully burden rate (inclusive of fee) of any individual in any labor category exceeds the threshold amount of \$182.00/hour and the individual's rate was not disclosed in pre-award of the task order, the contractor shall send notice and rationale (CDRL A015) for the identified labor rate to the COR who will then send appropriate notification to the Contracting/Ordering Officer. NOTE: Within one labor category, if the total collective estimated and/or actual hours in any given period of performance are less than or equal to 200 labor hours, the labor category is excluded from the required CDRL notification regardless if an individual within that labor category exceeds the threshold.

(b) Average actual labor rates (total actual fully burdened labor costs "divided by" total number of hours performed) compared to average negotiated labor rates (total negotiated fully burdened labor costs "divided by" total number of hours negotiated) – If the average actual burdened labor rates exceeds the average proposed/negotiated rate by 20%, the contractor shall send notice and rationale (CDRL A015) for the rate variance to the COR who will then send appropriate notification to the Contracting /Ordering Officer. Additionally, contractors shall notify the COR if variances exceed 20% for more than three consecutive months. Contractors shall annotate the variance percentage of monthly average actual labor rates versus average negotiated labor rates in the monthly TO status reports. No CDRL notification is required for labor categories if individuals within one labor category, collectively, are estimated to work equal to or less than 200 labor hours for any given period of performance (e.g., base year, option year 1, or option year 2) within a task order.

5.2.1.7 ODC Limitation Notification

Contractors shall monitor Other Direct Costs (ODCs) as part of the monthly TO status reports. For this monitoring purpose, ODCs include incidental material, travel, and other non-labor costs (excluding subcontracting and consultant labor cost) required in performance of the service. For any given period of performance, if the cumulative total cost of ODCs exceeds the awarded total cost of ODCs (regardless of any modifications to the awarded amount) by 10%, the contractor shall send notice and rationale (CDRL A015) for exceeding cost to the COR who will then send a memorandum signed by the PM (or equivalent) to the Contracting

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Officer documenting the reasons justifying the increase of ODC. The ability of a contractor to monitor ODCs will be included in the task order Quality Assurance Surveillance Plan (QASP).

5.3 EARNED VALUE MANAGEMENT (EVM)

In accordance with DoD policy, this TO does not require Earned Value Management (EVM) implementation due to the majority of efforts on this TO is non-scheduled based (i.e., level of effort) and does not lend itself to meaningful EVM information. In lieu of EVM, the contractor shall develop and monthly submit a Contract Funds Status Report (CDRL A016) to help track cost expenditures against performance.

6.0 QUALITY

6.1 QUALITY SYSTEM

Upon task order award, the prime contractor shall have and maintain a quality assurance process that meets contract requirements and program objectives while ensuring customer satisfaction and defect-free products/process. The contractor shall have a sufficiently documented quality system which contains procedures, planning, and all other documentation and data necessary to provide an efficient and effective quality system based on a contractor's internal auditing system. Thirty (30) days after contract award, the contractor shall provide to the government a copy of its Quality Assurance Plan (QAP) as applicable to the TO. The contractor shall make the quality system available to the government for review at both a program and worksite services level during predetermined visits. Existing quality documents that meet the requirements of this contract may continue to be used. If any quality documentation is disapproved or requires revisions, the contractor shall correct the problem(s) and submit revised documentation NLT 2 weeks after initial disapproval notification. The contractor shall also require all subcontractors to possess a quality assurance and control program commensurate with the services and supplies to be provided as determined by the prime's internal audit system. The Government reserves the right to disapprove the contractor's and/or subcontractor's quality system or portions thereof when the quality system(s) fails to meet contractual requirements at either the program or worksite services level. The Government reserves the right to participate in the process improvement elements of the contractor's quality assurance plan and development of quality related documents as needed. The contractor shall ensure their quality system meets the following key criteria:

- Establish documented, capable, and repeatable processes
- Track issues and associated changes needed
- Monitor and control critical product and process variations
- Establish mechanisms for feedback of field product performance
- Implement and effective root-cause analysis and corrective action system
- Establish methods and procedures for continuous process improvement

6.2 QUALITY MANAGEMENT PROCESS COMPLIANCE

6.2.1 General

The contractor shall have processes in place that coincide with the government's quality management processes. The contractor shall use best industry practices including ISO/IEC 15288 for System life cycle processes and ISO/IEC 12207 for Software life cycle processes. The contractor shall also support and/or participate in event-driven milestones and reviews as stated in the Defense Acquisition University's (DAU's) DoD Integrated Defense Acquisition, Technology, and Logistics Life Cycle Management System Chart which incorporates multiple DoD directives and instructions – specifically DoDD 5000.01 and DoDI 5000.02. The contractor shall provide technical program and project management support that will mitigate the risks to successful program execution

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including employment of Lean Six Sigma methodologies in compliance with SPAWARSCEN Atlantic requirements and with the SSC Engineering Process Office (EPO) Capability Maturity Model Integration (CMMI) program. As part of a team, the contractor shall support projects at SPAWARSCEN Atlantic that are currently, or in the process of, being assessed under the SSC EPO CMMI program. The contractor shall be required to utilize the processes and procedures already established for the project and the SSC EPO CMMI program and deliver products that are compliant with the aforementioned processes and procedures. Although having a formal CMMI appraisal is desired, it is not required.

6.3 QUALITY ASSURANCE

The contractor shall perform all quality assurance process audits necessary in the performance of the various tasks as assigned and identified by the respective WBS, POA&M, or quality system, and the contractor shall deliver related quality plan/procedural documents upon request. The Government reserves the right to perform any additional audits deemed necessary to assure that the contractor processes and related services, documents, and material meet the prescribed requirements and to reject any or all processes or related services, documents, and material in a category when noncompliance is established. Develop and Maintain Quality Assurance Plan (QAP) that shall provide instruction and standard operating procedures (SOP) on the following items as listed below in the Quality Plan (CDRL A005):

- QA process required for shelter or system integration and kitting

- QA checklist required for shelter or system integration and kitting

- In Process Inspections (IPI)

- Signature authority

- Data storage plan (data retrieved from test equipment and repository of historical checklists)

- QA of custom cable and metal fabrications

- QA process for material inventory management and control

- QA process for development of TDPs

- Fabrication Vendor Verification / Certifications

- Hardware Receipt/Inspection

6.4 QUALITY CONTROL

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The contractor shall perform all quality control inspections necessary in the performance of the various tasks as assigned and identified by the respective WBS, POA&M, or quality system, and the contractor shall submit related quality objective evidence upon request. Quality objective evidence in the Quality Plan (CDRL A005) includes:

- Detailed incoming receipt inspection records
- First article inspection records
- Certificates of Conformance
- Detailed sampling inspection records based upon MIL-STD-1916 (Verification Level III)
- Quality Measurement and Analysis metrics/data
- In Process Inspections (IPI)
- Signature authority
- Data storage plan (data retrieved from test equipment and repository of historical checklists)
- Fabrication Vendor Verification / Certifications
- Hardware Receipt/Inspection

The Government reserves the right to perform any inspections or pull samples as deemed necessary to assure that the contractor provided services, documents, material, and related evidence meet the prescribed requirements and to reject any or all services, documents, and material in a category when nonconformance is established.

6.5 QUALITY MANAGEMENT DOCUMENTATION

In support of the contract's Quality Assurance Surveillance Plan (QASP) and Contractor Performance Assessment Reporting System (CPARS), the contractor shall provide the following documents: Cost and Schedule Milestone Plan (CDRL A006) submitted 10 days after Task Order award, and Contractor CPARS Draft Approval Document (CDAD) Report (CDRL A007) submitted monthly.

7.0 DOCUMENTATION AND DELIVERABLES

7.1 CONTRACT DATA REQUIREMENT LISTINGS (CDRLs)

The following CDRL listing identifies the data item deliverables required under this task order and the applicable section of the PWS for which they are required. Section J includes the DD Form 1423s that itemize each Contract Data Requirements List (CDRL) required under the basic contract. The contractor shall establish a practical and cost-effective system for developing and tracking the required CDRLs generated under each task. The contractor shall not develop any CDRL classified TOP SECRET with SCI.

| CDRL # | Deliverable Title | PWS Ref Para | Frequency | Date Due | Security Classification (up to S/TS or unclassified) |
|--------|-------------------------------------|--|---------------------------------|---|--|
| A001 | Technical Reports and Documentation | 3.3.4, 3.4.1 | ASREQ | Within 48 hrs. from request | Unclassified |
| A002 | Task Order Status Report | 5.2.1.1, 8.1.2 | MTHLY | 30 Days after TO award (DATO) and monthly on the 10th | Unclassified |
| A003 | Inventory Tracking Report | 3.4.2.2, 3.4.2.3, 3.4.4.1, 3.7.7, 3.7.9. | MTHLY | 10 th of Each Month | Unclassified |
| A004 | Task Order Closeout Report | 5.2.1.2, 11.5 | 1TIME | NLT 15 days before completion date | Unclassified |
| A005 | Quality Plan | 6.3, 6.4 | One time with revisions (ONE/R) | NLT 7 DATO; revisions NLT 7 days after receipt of govt review | Unclassified |
| A006 | Cost and Milestones Schedule Plan | 6.5 | One time with revisions (ONE/R) | NLT 10 DATO; revision NLT 7 days after receipt of govt review | Unclassified |

| CDRL # | Deliverable Title | PWS Ref Para | Frequency | Date Due | Security Classification (up to S/TS or unclassified) |
|--------|--|--------------------------------|-----------|--|---|
| A007 | Contractor CPARS Draft Approval Document (CDAD) Report | 6.5 | MTHLY | 30 DATO and monthly on the 10 th | Unclassified |
| A008 | OCONUS Deployment Documentation and Package | 13.4 | 1TIME | NLT 7 DATO | Unclassified |
| A009 | Project Status Report | 3.2.2, 3.5.2 | Weekly | Monday of Each Week | Unclassified |
| A010 | Warranty Tracking and Administration for Serialized Item Report | 3.4.3, 3.4.3.1, 3.4.3.2, 3.4.4 | ASREQ | At time warrantied item is delivered to government | Unclassified |
| A011 | Failure Status Repair Report | 3.4.4.2 | QRTLY | 15 days after completion of the FY quarter | Unclassified |
| A012 | Hazardous Materials Management Plan and Hazardous Material Management Report | 12.4.4 | ONE/R | 90 days after TO Award (DATO) | Unclassified |
| A013 | Cybersecurity Workforce (CSWF) Report | 5.2.1.3, 8.1.2 | MTHLY | 30 DATO and monthly on the 10 th | Unclassified |
| A014 | Production MTS Report | 3.5.2 | Daily | COB Each Day | Unclassified |
| A015 | Limitation Notification & Rationale | 5.2.1.5, 5.2.1.6 | ASREQ | Within 48 hrs from occurrence | Unclassified |
| A016 | Contract Funds Status | 5.3 | MTHLY | 10 th of Each | Unclassified |

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| CDRL # | Deliverable Title | PWS Ref Para | Frequency | Date Due | Security Classification (up to S/TS or unclassified) |
|--------|--|----------------|---------------------------------|--------------------------------|---|
| | Report (CFSR) | | | Month | |
| A017 | Systems Engineering Management Plan (SEMP) | 3.3.3, 3.3.6 | ONE/R | 90 days after TO Award (DATO) | Unclassified |
| A018 | Configuration Management Plan | 3.3.3, 3.3.7 | One time with revisions (ONE/R) | 30 DATO | Unclassified |
| A019 | Safety Assessment Report | 12.4.5 | ONE/R | 90 days after TO Award (DATO) | Unclassified |
| A020 | Logistic Management Information Summaries (Parts List) | 3.7.10, 3.7.11 | ONE/R | 180 Days after TO Award (DATO) | Unclassified |
| A021 | Lithium Battery Data Package | 12.4.2 | ASREQ | Within 48 hrs from request | Unclassified |
| A022 | Material Disposition Planning Request | 3.7.7 | ONE/R | 180 Days until TO Expiration | Unclassified |
| A023 | Invoice documentation | 5.2.1.5 | ASREQ | Within 24 hrs of request | Unclassified |

7.2 ELECTRONIC FORMAT

The contractor shall provide deliverables electronically by e-mail; hard copies are only required if requested by the government. To ensure information compatibility, the contractor shall guarantee all deliverables (i.e., CDRLs), data, correspondence, and etc., are provided in a format approved by the receiving government representative. The contractor shall provide all data in an editable format compatible with SPAWARSSYSCEN Atlantic corporate standard software configuration as specified below. Contractor shall conform to SPAWARSSYSCEN Atlantic corporate standards within 30 days of contract award unless otherwise specified. *The initial or future upgrades costs of the listed computer programs are not chargeable as a direct cost to the government.*

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| | Deliverable | Software to be used |
|----|--|---|
| a. | Word Processing | Microsoft Word |
| b. | Technical Publishing | PageMaker/Interleaf /SGML/ MSPublisher |
| c. | Spreadsheet/Graphics | Microsoft Excel |
| d. | Presentations | Microsoft PowerPoint |
| e. | 2-D Drawings/ Graphics/Schematics (new data products) | Vector (CGM/SVG) |
| f. | 2-D Drawings/ Graphics/Schematics (existing data products) | Raster (CALs Type I, TIFF/BMP, JPEG, PNG) |
| g. | Scheduling | Microsoft Project |
| h. | Computer Aid Design (CAD) Drawings | AutoCAD/Visio |
| i. | Geographic Information System (GIS) | ArcInfo/ArcView |

7.3 INFORMATION SYSTEM

7.3.1 Electronic Communication

The contractor shall have broadband Internet connectivity and an industry standard email system for communication with the government. The contractor shall be capable of Public Key Infrastructure client side authentication to DOD private web servers. Unless otherwise specified, all key personnel on contract shall be accessible by e-mail through individual accounts during all working hours.

7.3.2 Information Security

Pursuant to DoDM 5200.01, the contractor shall provide adequate security for all unclassified DoD information passing through non-DoD information system including all subcontractor information systems utilized on contract. The contractor shall disseminate unclassified DoD information within the scope of assigned duties and with a clear expectation that confidentiality is preserved. Examples of such information include the following: non-public information provided to the contractor, information developed during the course of the contract, and privileged contract information (e.g., program schedules, contract-related tracking).

7.3.2.1 Safeguards

The contractor shall protect government information and shall provide compliance documentation validating they are meeting this requirement in accordance with DFARS Clause 252.204-7012. The contractor and all utilized subcontractors shall abide by the following safeguards:

- (a) Do not process DoD information on public computers (e.g., those available for use by the general public in kiosks or hotel business centers) or computers that do not have access control.
- (b) Protect information by at least one physical or electronic barrier (e.g., locked container or room, login and password) when not under direct individual control.
- (c) Sanitize media (e.g., overwrite) before external release or disposal.

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- (d) Encrypt all information that has been identified as controlled unclassified information (CUI) when it is stored on mobile computing devices such as laptops and personal digital assistants, or removable storage media such as portable hard drives and digital optical disks, using DoD Authorized Data-at-Rest encryption technology. NOTE: Thumb drives are not authorized for DoD work, storage, or transfer. Use GSA Awarded DAR solutions (GSA # 10359) complying with ASD-NII/DOD-CIO Memorandum, "Encryption of Sensitive Unclassified Data-at-Rest on Mobile Computing Devices and Removable Storage." The contractor shall ensure all solutions meet FIPS 140-2 compliance requirements.
- (e) Limit information transfer to subcontractors or teaming partners with a need to know and a commitment to at least the same level of protection.
- (f) Transmit e-mail, text messages, and similar communications using technology and processes that provide the best level of privacy available, given facilities, conditions, and environment. Examples of recommended technologies or processes include closed networks, virtual private networks, public key-enabled encryption, and Transport Layer Security (TLS). Encrypt organizational wireless connections and use encrypted wireless connection where available when traveling. If encrypted wireless is not available, encrypt application files (e.g., spreadsheet and word processing files), using at least application-provided password protection level encryption.
- (g) Transmit voice and fax transmissions only when there is a reasonable assurance that access is limited to authorized recipients.
- (h) Do not post DoD information to Web site pages that are publicly available or have access limited only by domain or Internet protocol restriction. Such information may be posted to Web site pages that control access by user identification or password, user certificates, or other technical means and provide protection via use of TLS or other equivalent technologies. Access control may be provided by the intranet (vice the Web site itself or the application it hosts).
- (i) Provide protection against computer network intrusions and data exfiltration, minimally including the following:
1. Current and regularly updated malware protection services, e.g., anti-virus, anti-spyware.
 2. Monitoring and control of inbound and outbound network traffic as appropriate (e.g., at the external boundary, sub-networks, individual hosts) including blocking unauthorized ingress, egress, and exfiltration through technologies such as firewalls and router policies, intrusion prevention or detection services, and host-based security services.
 3. Prompt application of security-relevant software patches, service packs, and hot fixes.
- (j) Comply with other current Federal and DoD information protection and reporting requirements for specified categories of information (e.g., medical, critical program information (CPI), personally identifiable information, export controlled).
- (k) Report loss or unauthorized disclosure of information in accordance with contract or agreement requirements and mechanisms.

7.3.2.2 Compliance

Pursuant to DoDM 5200.01, the contractor shall include in their quality processes procedures that are compliant with information security requirements.

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8.0 SECURITY

8.1 ORGANIZATION

8.1.1 Security Classification

In accordance with DoD Contract Security Classification Specification, DD Form 254, classified work is performed under this TO. The contractor shall have at the time of task order award and prior to commencement of classified work, a SECRET facility security clearance (FCL).

The following PWS task(s) requires access to classified information up to the level of SECRET: 3.1.1, 3.3.2, 3.5.2, 3.6.1, 3.6.2, 3.7, 3.7.4, 6.3, and 6.4. Personnel providing Electronic Key Management System (EKMS) support and having access to Controlled Cryptographic Item (CCI) equipment to support functional checkout inspections of radio transceivers shall possess a SECRET clearance. The contractor shall not generate any SCI deliverables.

8.1.2 Security Officer

The contractor shall appoint a Facility Security Officer (FSO) to support those contractor personnel requiring access to government facility/installation and/or access to information technology systems under this contract. The FSO is key management personnel who is the contractor's main POC for security issues. The FSO shall have a U.S. Government security clearance equal to or higher than the FCL required on this contract. The FSO shall be responsible for tracking the security requirements for all personnel (subcontractors included) utilized on contract. Responsibilities include entering and updating the personnel security related and mandatory training information within the Staffing Plan document, which is an attachment to the task order status report (CSR/TOSR) (CDRL A002). FSO shall also update and track data in the Cyber Security Workforce (CSWF) (CDRL A013).

8.2 PERSONNEL

The contractor shall conform to the security provisions of DoDI 5220.22/DoD 5220.22-M – National Industrial Security Program Operating Manual (NISPOM), SECNAVINST 5510.30, DoD 8570.01-M, and the Privacy Act of 1974. Prior to any labor hours being charged on contract, the contractor shall ensure all personnel (including administrative and subcontractor personnel) have obtained and can maintain favorable background investigations at the appropriate level(s) for access required for the task order, and are certified/credentialed for the Cybersecurity Workforce (CSWF). A favorable background determination is determined by either a National Agency Check with Inquiries (NACI), National Agency Check with Law and Credit (NACLC), or Single Scope Background Investigation (SSBI) and favorable Federal Bureau of Investigation (FBI) fingerprint checks. Investigations are not necessarily required for personnel performing unclassified work who do not require access to government installations/facilities, government IT systems and IT resources, or SPAWARSSYSCEN Atlantic information. *Cost to meet these security requirements is not directly chargeable to task order.*

NOTE: If a final determination is made that an individual does not meet or cannot maintain the minimum fitness standard, the contractor shall permanently remove the individual from SPAWARSSYSCEN Atlantic facilities, projects, and/or programs. If an individual who has been submitted for a fitness determination or security clearance is "denied" or receives an "Interim Declination," the contractor shall remove the individual from SPAWARSSYSCEN Atlantic facilities, projects, and/or programs until such time as the investigation is fully adjudicated or the individual is resubmitted and is approved. All contractor and subcontractor personnel removed from facilities, projects, and/or programs shall cease charging labor hours directly or indirectly on task.

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8.2.1 Personnel Clearance

The majority of personnel associated with this task order shall possess a SECRET personnel security clearance (PCL). These programs/tasks include contractor personnel having the appropriate clearances required for access to classified data. Prior to starting work on the task order, contractor personnel shall have the required clearance granted by the Department of Defense Consolidated Adjudications Facility (DoD CAF) and shall comply with IT access authorization requirements. In addition, contractor personnel shall possess the appropriate IT level of access for the respective task and position assignment as applicable per DoDI 8500.01, DoD Instruction for Cybersecurity. Contractor personnel shall handle and safeguard any Controlled Unclassified Information (CUI) and/or classified information in accordance with appropriate Department of Defense, Navy, and SPAWARSCEN Atlantic security regulations. The contractor shall immediately report any security violation to the SPAWARSCEN Atlantic Security Management Office, the COR, and Government Project Manager.

8.2.2 Access Control of Contractor Personnel

8.2.2.1 Physical Access to Government Facilities and Installations

Contractor personnel shall physically access government facilities and installations for purposes of site visitation, supervisory and quality evaluation, work performed within government spaces (either temporary or permanent), or meeting attendance. Individuals supporting these efforts shall comply with the latest security regulations applicable to the government facility/installation.

(a) The majority of government facilities require contractor personnel to have an approved visit request on file at the facility/installation security office prior to access. The contractor shall initiate and submit a request for visit authorization to the COR in accordance with DoD 5220.22-M (NISPOM) not later than one (1) week prior to visit – timeframes may vary at each facility/installation. For admission to SPAWARSCEN Atlantic facilities/installations, the contractor shall forward a visit request to Joint Personnel Adjudication System (JPAS) /SMO 652366; faxed to 843-218-4045 or mailed to Space and Naval Warfare Systems Center Atlantic, P.O. Box 190022, North Charleston, SC 29419-9022, Attn: Security Office, for certification of need to know by the specified COR. For visitation to all other govt. locations, the contractor shall forward visit request documentation directly to the on-site facility/installation security office (to be identified at task order level) via approval by the COR.

(b) Depending on the facility/installation regulations, contractor personnel shall present a proper form of identification(s) and vehicle proof of insurance or vehicle rental agreement. NOTE: SPAWARSCEN Atlantic facilities located on Joint Base Charleston require a Common Access Card (CAC) each time physical installation access is required. Contractor shall contact SPAWARSCEN Atlantic Security Office directly for latest policy.

(c) All contractor persons engaged in work while on Government property shall be subject to inspection of their vehicles at any time by the Government, and shall report any known or suspected security violations to the Security Department at that location.

8.2.2.2 Identification and Disclosure Requirements

Pursuant to DFARS 211.106, Contractors shall take all means necessary to not represent themselves as government employees. All Contractor personnel shall follow the identification and disclosure requirement. In addition, contractor and subcontractors shall identify themselves and their company name on attendance meeting list/minutes, documentation reviews, and their electronic digital signature.

8.2.2.3 Government Badge Requirements

Some contract personnel shall require a government issued picture badge. While on government installations/facilities, contractors shall abide by each site's security badge requirements. Various government installations are continually updating their security requirements to meet Homeland Security Presidential Directive (HSPD-12) identification standards. Contractors are responsible for obtaining and complying with the latest security identification requirements for their personnel. Contractors shall submit valid paper work (e.g., site visit request, request for picture badge, and/or SF-86 for Common Access Card (CAC)) to the applicable government security office via the contract COR. The contractor's appointed Security Officer shall track all personnel holding local government badges.

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8.2.2.4 Common Access Card (CAC) Requirements

Some government facilities/installations (e.g., Joint Base Charleston) require contractor personnel to have a Common Access Card (CAC) for physical access to the facilities or installations. Contractors supporting work that requires access to any DoD IT/network also requires a CAC. Granting of logical and physical access privileges remains a local policy and business operation function of the local facility. The Contractor is responsible for obtaining the latest facility/installation and IT CAC requirements from the applicable local Security Office. When a CAC is required to perform work, contractor personnel shall be able to meet all of the following security requirements prior to work being performed:

(a) Pursuant to DoD Manual (DoDM-1000.13-M-V1), issuance of a CAC is based on the following four criteria:

1. eligibility for a CAC – to be eligible for a CAC, Contractor personnel's access requirement shall meet one of the following three criteria: (a) individual requires access to multiple DoD facilities or access to multiple non-DoD Federal facilities on behalf of the government on a recurring bases for a period of 6 months or more, (b) individual requires both access to a DoD facility and access to DoD network on site or remotely, or (c) individual requires remote access to DoD networks that use only the CAC logon for user identification.
2. verification of DoD affiliation from an authoritative data source – CAC eligible personnel must be registered in the Defense Enrollment Eligibility Reporting Systems (DEERS) through either an authoritative personnel data feed from the appropriate Service or Agency or Trusted Associated Sponsorship System (TASS) (formally Contractor Verification System (CVS)).
3. completion of background vetting requirements according to FIPS PUB 201-2 and DoD Regulation 5200.2-R – at a minimum, the completion of Federal Bureau of Investigation (FBI) fingerprint check with favorable results and submission of a National Agency Check with Inquiries (NACI) investigation to the Office of Personnel Management (OPM), or a DoD-determined equivalent investigation. NOTE: Contractor personnel requiring logical access shall obtain and maintain a favorable National Agency Check with Law and Credit (NACLC) investigation. Contractor personnel shall contact the SPAWARSCEN Atlantic Security Office to obtain the latest CAC requirements and procedures.
4. verification of a claimed identity – all contractor personnel shall present two forms of identification in its original form to verify a claimed identity. The identity source documents must come from the list of acceptable documents included in Form I-9, OMB No. 115-0136, Employment Eligibility Verification. Consistent with applicable law, at least one document from the Form I-9 list must be a valid (unexpired) State or Federal Government-issued picture identification (ID). The identity documents will be inspected for authenticity, scanned, and stored in the DEERS.

(b) When a contractor requires logical access to a government IT system or resource (directly or indirectly), the required CAC will have a Public Key Infrastructure (PKI). A hardware solution and software (e.g., ActiveGold) is required to securely read the card via a personal computer. Pursuant to DoDM 1000.13-M-V1, CAC PKI certificates will be associated with an official government issued e-mail address (e.g. .mil, .gov, .edu). Prior to receipt of a CAC with PKI, contractor personnel shall complete the mandatory Cybersecurity Awareness training and submit a signed System Authorization Access Request Navy (SAAR-N) form to the task order's specified COR. Note: In order for personnel to maintain a CAC with PKI, each contractor employee shall complete annual cybersecurity training. The following guidance for training and form submittal is provided; however, contractors shall seek latest guidance from their appointed company Security Officer and the SPAWARSCEN Atlantic Information Assurance Management (IAM) office:

1. For annual DoD Cybersecurity/IA Awareness training, contractors shall use this site: <https://twms.nmci.navy.mil/>. For those contractors requiring initial training and do not have a CAC, contact the SPAWARSCEN Atlantic IAM office at phone number (843)218-6152 or e-mail questions to ssc_lant_iam_office.fcm@navy.mil for additional instructions. Training can be taken at the IAM office or online at <http://iase.disa.mil/index2.html>.
2. For SAAR-N form, the contractor shall use OPNAV 5239/14 (Rev 9/2011). Contractors can obtain a form from the SPAWARSCEN Atlantic IAM office at or from the website: <https://navalforms.documentservices.dla.mil/>. Digitally signed forms will be routed to the IAM office via encrypted e-mail to ssclant_it_secmtg@navy.mil.

8.2.2.5 Contractor Check-in and Check-out Procedures

All SPAWARSCEN Atlantic contractor personnel requiring or possessing a government badge and/or CAC for facility and/or IT access shall have a SPAWARSCEN Atlantic government sponsor and be in compliance with the most current version of Contractor Check-in and Check-out Instruction and Forms as posted on the Command Operating Guide (COG) website. At contract award throughout contract completion, the contractor shall provide necessary employee information and documentation for

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employees hired, transferred, and/or terminated in support of this contract within the required timeframe as cited in the Check-in and Check-out instructions. Contractor's Security Officer shall ensure all contractor employees whose services are no longer required on contract return all applicable government documents/badges to the appropriate government representative. NOTE: If the contractor does not have access to the SPAWAR COG website, the contractor shall get all necessary instruction and forms from the COR.

8.2.3 IT Position Categories

Pursuant to DoDI 8500.01, DoD 8570.01-M, SECNAVINST 5510.30, SECNAV M-5239.2, and applicable to unclassified DoD information systems, a designator is assigned to certain individuals that indicates the level of IT access required to execute the responsibilities of the position based on the potential for an individual assigned to the position to adversely impact DoD missions or functions. As defined in DoD 5200.2-R, SECNAVINST 5510.30 and SECNAV M-5510.30, three basic DoN IT levels/Position categories exist:

- IT-I (Privileged access)
- IT-II (Limited Privileged, sensitive information)
- IT-III (Non-Privileged, no sensitive information)

Note: The term IT Position is synonymous with the older term Automated Data Processing (ADP) Position (as used in DoD 5200.2-R, Appendix 10).

Investigative requirements for each category vary, depending on the role and whether the individual is a U.S. civilian contractor or a foreign national. The Contractor PM shall assist the Government Project Manager or COR in determining the appropriate IT Position Category assignment for all contractor personnel. All required Single-Scope Background Investigation (SSBI), SSBI Periodic Reinvestigation (SSBI-PR), and National Agency Check (NAC) adjudication will be performed Pursuant to DoDI 8500.01 and SECNAVINST 5510.30. Requests for investigation of contractor personnel for fitness determinations or IT eligibility without classified access are submitted by SPAWARSCEN Atlantic Security Office, processed by the OPM, and adjudicated by DOD CAF. IT Position Categories are determined based on the following criteria:

8.2.3.1 IT-I Level (Privileged) - Positions in which the incumbent is responsible for the planning, direction, and implementation of a computer security program; major responsibility for the direction, planning and design of a computer system, including the hardware and software; or, can access a system during the operation or maintenance in such a way, and with a relatively high risk for causing grave damage, or realize a significant personal gain. Personnel whose duties meet the criteria for IT-I Position designation require a favorably adjudication of Single Scope Background Investigation (SSBI) or SSBI-PR. The SSBI or SSBI-PR is updated a minimum of every 5 years. Assignment to designated IT-I positions requires U.S. citizenship unless a waiver request is approved by CNO.

8.2.3.2 IT-II Level (Limited Privileged) - Positions in which the incumbent is responsible for the-direction, planning, design, operation, or maintenance of a computer system, and whose work is technically reviewed by a higher authority at the IT-II Position level to insure the integrity of the system. Personnel whose duties meet the criteria for an IT-II Position require a favorably adjudication of a Position of Trust National Agency Check with Law and Credit (PT/NACLC). Assignment to designated IT-II positions requires U.S. citizenship unless a waiver request is approved by CNO.

8.2.3.3 IT-III Level (Non-privileged) - All other positions involved in computer activities. Incumbent in this position has non-privileged access to one or more DoD information systems/applications or database to which they are authorized access. Personnel whose duties meet the criteria for an IT-III Position designation require a favorably adjudication of a Position of Trust National Agency Check with Written Inquiries (PT/NACI).

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8.2.4 Security Training

Regardless of the contract security level required, the contractor shall be responsible for verifying applicable personnel (including subcontractors) receive all required training. The contractor's designated Security Officer shall track the following information: security clearance information; dates possessing Common Access Cards; issued & expired dates for SPAWARSYSCEN Atlantic Badge; Cybersecurity training; Privacy Act training; Personally Identifiable Information (PII) training; Cybersecurity Workforce (CSWF) certifications; etc. The contractor shall educate employees on the procedures for the handling and production of classified material and documents, and other security measures as described in the PWS in accordance with DoD 5220.22-M.

8.2.5 Disclosure of Information

In support of DFARS Clause 252.204-7000, contractor employees shall not discuss or disclose any information provided to them in the performance of their duties to parties other than authorized Government and contractor personnel who have a "need to know". The contractor shall not use any information or documentation developed by the contractor under direction of the government for other purposes without the consent of the government Contracting Officer.

8.2.6 Handling of Personally Identifiable Information (PII)

When a contractor, including any subcontractor, is authorized access to Personally Identifiable Information (PII), the contractor shall complete annual PII training requirements and comply with all privacy protections under the Privacy Act (Clause 52.224-1 and 52.224-2). The contractor shall safeguard PII from theft, loss, and compromise. The contractor shall transmit and dispose of PII in accordance with the latest DON policies. The contractor shall not store any government PII on their personal computers. The contractor shall mark all developed documentation containing PII information accordingly in either the header or footer of the document: "FOUO – Privacy Sensitive. Any misuse or unauthorized disclosure may result in both criminal and civil penalties." Any unauthorized disclosure of privacy sensitive information through negligence or misconduct can lead to contractor removal or contract termination depending on the severity of the disclosure. Upon discovery of a PII breach, the contractor shall immediately notify the Contracting Officer and COR. Contractors responsible for the unauthorized disclosure of PII shall be held accountable for any costs associated with breach mitigation, including those incurred as a result of having to notify personnel.

8.3 OPERATIONS SECURITY (OPSEC) REQUIREMENTS

Security programs are oriented towards protection of classified information and material. Operations Security (OPSEC) is an operations function which involves the protection of any critical information – focusing on unclassified information that may be susceptible to adversary exploitation. Pursuant to DoDD 5205.02E and SPAWARINST 3432.1, SPAWARSYSCEN Atlantic's OPSEC program implements requirements in DoD 5205.02-M – OPSEC Program Manual. Note: OPSEC requirements are applicable when contract personnel have access to either classified information or unclassified Critical Program Information (CPI)/sensitive information.

8.3.1 Local and Internal OPSEC Requirement

Contractor personnel, including subcontractors if applicable, shall adhere to the OPSEC program policies and practices as cited in the SPAWARINST 3432.1 and existing local site OPSEC procedures. The contractor shall develop their own internal OPSEC program specific to the contract and based on SPAWARSYSCEN Atlantic OPSEC requirements. At a minimum, the contractor's program shall identify the current SPAWARSYSCEN Atlantic site OPSEC Officer/Coordinator.

8.3.2 OPSEC Training

Contractor shall track and ensure applicable personnel receive initial and annual OPSEC awareness training. Training may be provided by the government or a contractor's OPSEC Manager. Contractor training shall cover OPSEC as it relates to contract work, discuss the Critical Information applicable in the task order, and review OPSEC requirements if working at a government facility. The contractor shall ensure any training materials developed by the contractor shall be reviewed by the SPAWARSYSCEN Atlantic OPSEC Officer, who will ensure it is consistent with SPAWARSYSCEN Atlantic OPSEC policies. OPSEC training requirements are applicable for personnel during their entire term supporting SPAWAR contracts.

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8.3.3 SPAWARSYSCEN Atlantic OPSEC Program

Contractor shall participate in SPAWARSYSCEN Atlantic OPSEC program briefings and working meetings and the contractor shall complete any required OPSEC survey or data call within the timeframe specified.

8.3.4 Classified Contracts

OPSEC requirements identified under a classified contract shall have specific OPSEC requirements listed on the DD Form 254.

8.4 DATA HANDLING AND USER CONTROLS

8.4.1 Data Handling

The contractor shall handle all data received or generated under this contract as For Official Use Only (FOUO) material. The contractor shall handle all classified information received or generated Pursuant to the attached DD Form 254 and be in compliance with all applicable PWS references and other applicable Government policies and procedures that include DOD/Navy/SPAWAR.

8.4.2 Effective Use of Controls

The contractor shall screen all electronic deliverables or electronically provided information for malicious code using DoD approved anti-virus software prior to delivery to the Government. The contractor shall utilize appropriate controls (firewalls, password protection, encryption, digital certificates, etc.) at all times to protect contract related information processed, stored or transmitted on the contractor's and Government's computers/servers to ensure confidentiality, integrity, availability, authentication and non-repudiation. The contractor shall ensure provisions are in place that will safeguard all aspects of information operations pertaining to this contract in compliance with all applicable PWS references. In compliance with Para 7.3.2.1, the contractor shall ensure Data-at-Rest is required on all portable electronic devices including storage of all types. Encryption/digital signing of communications is required for authentication and non-repudiation.

9.0 GOVERNMENT FACILITIES

As specified in this task order, government facilities (i.e., office space, computer hardware/software, or lab space) will be provided to those labor categories that would otherwise adversely affect the work performance if they were not available on-site. All Contractor personnel with supplied government facilities shall be located at SPAWARSYSCEN Atlantic in Charleston, SC. Note: *The burdened labor rate for those contractor personnel designated as "government site" shall include overhead costs allocable to government site work, consistent with the contractor's established accounting practices.*

10.0 CONTRACTOR FACILITIES

A significant portion of this task order requires close liaison with the government. The facility must be located within a twenty (20) mile radius of SPAWARSYSCEN Atlantic (Joint Base Charleston, Naval Weapons Station Gate 4). The facility must include physical security to protect government assets; and shall be available to perform work requirements no later than 30 calendar days after award. The facility shall include a staging area for materials and equipment; along with a means for shipping and receiving without exposing materials to the external environment during inclement weather. The facility shall have a climate-controlled environment (temperature, humidity, and protection from weather elements) that supports the storage of major equipment items. The major equipment items are: AN/VRC-110, AN/VRC-104, AN/PRC-117G, & ECU for approximately forty (40) each at any given time. The facility shall have local area network capability sufficient to connect contractor workstations to Automated Information Systems (AIS) approved by SPAWARSYSCEN Atlantic to include AISs such as CMPRO. The facility shall provide wide area network capability of greater than or equal to 100 Mbps. The facility, to include logistics staging, kitting area, and loading dock, shall be approximately 2,000 square feet in size that is required to support the task.

11.0 TASK ORDER PROPERTY ADMINISTRATION

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11.1 PROPERTY TYPES

Task order property is either intangible (i.e., intellectual property and software IAW FAR Part 27) or tangible (i.e., government property IAW FAR Part 45). The contractor shall have established property management procedures and an appropriate property management point of contact who shall work with the assigned Government Property Administrator (PA) to ensure their property management system is acceptable. This task order will have the following property in support of the tasking requirements in PWS Para 3.0.

11.1.1 Intangible Property – Intellectual/Software

11.1.1.1 Government Furnished Information (GFI)

Intellectual property includes Government Furnished Information (GFI) which includes manuals, drawings, and test data that is provided to contractor for performance of a contract. Depending on information contained in a document, the contractor shall comply with additional controls for access and distribution (e.g., technical specifications, maps, buildings designs, schedules, etc.).

GFI will be utilized on this contract. Unless otherwise specified, the contractor shall limit all GFI distribution and inventory reports to a need-to-know basis and ensure all GFI is returned at completion of the task order. The following table lists GFI that will be provided to the contractor after task order award.

| Item # | Description | GFI Estimated Delivery Date |
|------------------|--|------------------------------|
| 5411-01-581-2654 | Operator/Crew Maintenance Manual with Components List and Repair Parts List for Shelter Expandable (Mobile Tactical Shelter) | 10 days after contract award |

11.1.2 Tangible Property – Government Property (GP)

As defined in FAR Part 45, Government Property (GP) is property owned or leased by the Government which includes material, equipment, special tooling, special test equipment, and real property. Government property used on contract includes both Government-furnished property (GFP) and contractor-acquired property (CAP) but does not include intellectual property (such as, GFI) and software.

11.1.2.1 Government-Furnished Property (GFP)

As defined in FAR Part 45, Government-Furnished property (GFP) is property in the possession of, or directly acquired by, the Government and subsequently furnished to the contractor for performance of a contract. GFP includes, but is not limited to, spares and property furnished for repairs, maintenance, overhaul, or modification. GFP includes Government Furnished Equipment (GFE), Government Furnished Material (GFM), Special Tooling (ST) and Special Test Equipment (STE).

In accordance with DFARS PGI 245.103-70, furnishing Government Property on this task order is authorized. The contractor shall utilize Government property in accordance with FAR clause 52.245-1 and 52.245-9. The contractor shall have the means to provide an effective and efficient stewardship of Government property. The following types of GFP are applicable on this TO.

(a) Government-Furnished Equipment (GFE) – Property, Plant and Equipment (PP&E) which are tangible items that are functionally

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complete for their intended purpose, durable, nonexpendable, and needed for the performance of a contract. Equipment is not intended for sale and does not ordinarily lose its identity or become a component part of another article when put into use.

Equipment does not include material, real property, special test equipment or special tooling. GFE will be provided on this task order as identified on the Consolidated Government Furnished Property form, **Attachment 1**. The GFE assigned to N6523613D4921, task order N6523617F3057 will be transferred to this task order.

(b) Government-Furnished Material (GFM) – Operating Material and Supplies (OM&S) which is property consumed or expended during the performance of a contract, component parts of a higher assembly, or items that lose their individual identity through incorporation into an end-item. Material does not include equipment, special tooling, special test equipment or real property. GFM will be provided on this task order as identified on the Consolidated Government Furnished Property form, **Attachment 1**. The remaining GFM assigned to N6523613D4921, task order N6523617F3057 will be transferred to this task order.

(c) No Special Test Equipment (STE) will be provided on this TO.

(d) No Special Tooling (ST) will be provided on this TO.

11.1.2.2 Contractor-Acquired Property (CAP)

As defined in FAR Part 45, Contractor-Acquired property (CAP) is property acquired, fabricated, or otherwise provided by the contractor for performing a contract and to which the Government has title but has not yet performed receipt and acceptance. CAP consists of Contractor Acquired Equipment (CAE) which includes Property, Plant and Equipment (PP&E), Contractor Acquired Material (CAM) which includes Operating Material and Supplies (OM&S), Special Tooling (ST), and Special Test Equipment (STE).

CAP is required and is identified in **Attachment 2**.

11.2 GOVERNMENT PROPERTY TRACKING AND MANAGEMENT

11.2.1 Contractor Property Management System

Pursuant to FAR clause 52.245-1 and DFARS clause 252.245-7003, the contractor shall establish and maintain an acceptable property management system that is subject to review and approval by the KO and contract government Property Administrator. The contractor's property management system shall adhere to the applicable prescribed requirements in FAR clause 52.245-1 and include the required data elements in DFARS clause 252.211-7007. The contractor shall ensure GFP in the possession of a subcontractor shall also be reported using the required data elements cited in DFARS clause 252.211-7007.

11.2.2 Government Property Administrator

In accordance with FAR 42.201, the contract property administrator under this contract is designated as Defense Contract Management Agency (DCMA). The contractor shall work with the designated contract property administrator to ensure compliance with the contract's property requirements.

11.2.3 Property Transfer between Government and Contractors

Contractors shall not take receipt or transfer custody of any GFP without possessing proper contractual authority; i.e., item specifically is identified as GFP on a Consolidated GFP form. The contractor ensure compliance with the GFP Reporting requirements of DFARS clause 252.211-7007. The primary and preferred means to do this is via electronic transaction reporting in Invoicing, Receipt, Acceptance, and Property Transfer (iRAPT), an application within Wide Area Workflow (WAWF). This will automatically transmit the GFP information to the GFP Repository within the Item Unique Identification (IUID) Registry. For non-serially managed items, only the initial receipt transaction shall be reported. For serially-managed GFP items, subsequent transactions affecting GFP custody/status shall also be reported.

Note: In accordance with local management specifications, the contractor shall ensure transfer of property occurs with proper paperwork; e.g., Requisition and Invoice/Shipping Document (DD1149) or COMSEC Material Report (SF153).

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11.2.4 GFP Tagging, Labeling and Marking

Pursuant to DFARS clause 252.245-7001, contractor shall tag, label, or mark all serially managed GFP items not previously tagged, labeled, or marked. This clause does not refer specifically to IUID tags, labels or marks.

11.2.5 Government Property Records

Pursuant to FAR clause 52.245-1, contractors and any subcontractors if applicable shall be responsible for establishing and maintaining records of Government Property in their possession – this includes GFP and CAP. The contractor shall ensure GFP and CAP records contain the data elements as described in FAR clause 52.245-1 and that GFP records also contain the data elements specified in DFARS clause 252.211-7007.

11.2.6 CAP Warranty Tracking

Contractors shall track purchasing of all CAP internally within their inventory system. Pursuant to DFARS clause 252.246-7006, contractors shall track warranty information for all CAP items serialized with an UIID in the WAWF as specified in PWS Para 3.4.3. Contractor records are subject to Government review at any time.

11.3 GOVERNMENT PROPERTY TRANSFERRING ACCOUNTABILITY

GFP cannot be transferred between contracts or task orders unless approval is obtained from the Contracting Officer, proper identification/tracking is maintained, and modifications are issued to both affected contracts/task orders. CAP cannot be transferred. If CAP is required to be utilized on a contract or task order other than the one that funded its acquisition, it must be delivered to the Government. Once received and accepted by the Government, it can be provided as GFP on the same or another contract.

11.4 GOVERNMENT PROPERTY LOST OR DAMAGED ITEMS

Contractor shall promptly report to the COR and KO all lost and/or damaged government property. The requirements and procedures for reporting loss Government Property are specified in DFARS clause 252.245-7002.

11.5 GOVERNMENT PROPERTY INVENTORY DISPOSITION

When disposition instructions for GFP are contained in the accountable contract or on the supporting shipping documents (DD Form 1149), the Contractor shall initiate and submit an excess inventory listing to the Procuring Contracting Officer (PCO), via the activity Property Administrator.

Pursuant to DFARS clause 252.245-7004, when disposition instructions are not stipulated in the contract or supporting shipping document (DD Form 1149), an excess inventory listing is required that identifies GFP and, under cost reimbursement contracts, CAP. The contractor shall submit the list to the COR and PCO, via the activity Property Administrator, at which time disposition instructions will be provided by the government.

When GFP and CAP are specific to a single task order, the contractor shall include a final inventory reporting list in the TO Closeout Report (CDRL A004). At the time of the Contractor's regular annual inventory, the Contractor shall provide the PCO, via the

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assigned Property Administrator, a copy of the physical inventory listing. All contractor personnel shall be responsible for following the company's internal inventory management procedures and correcting any problems noted by the government property administrator.

11.6 GOVERNMENT PROPERTY PERFORMANCE EVALUATION

Non-compliance with the contract's Government Property terms and conditions will negatively affect the contractor's annual Contractor Performance Assessment Reporting System (CPARS) rating.

12.0 SAFETY ISSUES

12.1 Occupational Safety and Health Requirements

The contractor shall be responsible for ensuring the safety of all company employees, other working personnel, and Government property. The contractor is solely responsible for compliance with the Occupational Safety and Health Act (OSHA) (Public Law 91-596) and the resulting applicable standards, OSHA Standard 29 CFR 1910 (general), 1915 (shipboard/submarine) and 1926 (shore), and for the protection, safety and health of their employees and any subcontractors assigned to the respective task orders under this contract. Without government assistance, the contractor shall make certain that all safety requirements are met, safety equipment is provided, and safety procedures are documented as part of their quality management system.

12.1.1 Performance at government facilities

The contractor shall immediately report any accidents involving government or contractor personnel injuries or property/equipment damage to the contracting officer and COR. Additionally, the contractor is responsible for securing the scene and impounding evidence/wreckage until released by the contracting officer.

12.2 SAFETY EQUIPMENT

The contractor shall provide their personnel with any safety equipment required to perform work under this task order and the equipment must be in satisfactory working order. Personal safety equipment includes, but not be limited to -- hard-hats, safety shoes, safety gloves, goggles, hearing protection, non-flammable clothing for hot work personnel, gas/oxygen detectors for confined spaces, face shields, and other types of safety equipment required to assure a safe work environment and compliance with applicable federal, state and local safety regulations.

12.3 SAFETY TRAINING

The contractor shall be responsible to train all personnel that require safety training. Specifically, where contractors are performing work at Navy shore installations, that requires entering manholes or underground services utility the contractor shall provide a qualified person as applicable in 29 CFR 1910 or 29 CFR 1926 or as recommended by the National Institute for Occupational Safety and Health (NIOSH) Criteria Document for Confined Spaces. Also, when contractors are required to scale a tower, all applicable personnel shall have Secondary Fall Protection and Prevention training.

12.4 ENVIRONMENT, SAFETY, AND OCCUPATIONAL HEALTH (ESOH)

12.4.1 System Safety

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The Contractor shall establish a system safety program to identify environment, safety, and occupational health hazards and assess and mitigate any associated risks encountered in the test, production, use, and disposal of the system in accordance with MIL-STD-882E, Task 101, Hazard Identification and Mitigation Effort Using the System Safety Methodology.

12.4.2 Support of Government Safety Boards

The Contractor shall support reviews, certifications, boards, and/or audits performed by or for the Government in accordance with Task 104 of MIL-STD-882E. This includes support of the lithium battery certification. Support of lithium battery certification involves the submission of lithium battery data that documents the stability of design and validity of the battery selection.

Lithium Battery Data Package (CDRL A021)

12.4.3 ESOH Working Group (ESOHWG) Support

The Contractor shall provide one participant to support the MTS ESOHWG, in accordance with Task 105 of MIL-STD-882E. Three (3) ESOHWGs will be held throughout the contract period of performance. Participation via teleconference will be available.

12.4.4 Hazardous Materials Management Plan (HMMP)

The Contractor shall develop and submit a written HMMP in accordance with Task 108 of MIL-STD-882E. The HMMP shall consider all life cycle phases of the MTS acquisition, to include development, manufacturing, testing, operation, sustainment, maintenance, and demilitarization /disposal. Any materials solely associated with manufacturing (i.e., not present in the final, delivered product) shall be identified as such.

The Contractor shall establish and follow a Hazardous Material (HAZMAT) Target List shall include the following materials: (1) materials identified as prohibited or restricted (2) materials identified on the DoD Materials of Evolving Interest List (MERIT) Action and Watch Lists, as of the date of this PWS. The HAZMAT Target List shall be used as the basis for hazardous materials management efforts, including HAZMAT identification, minimization, approval, and tracking. It shall be understood that some materials listed on the prescribed Government HAZMAT target lists may qualify for automatic exemption as defined by the Government. It is incumbent upon the Contractor to seek guidance regarding such exemptions. Examples include the use of copper, in such items as piping and wiring, and stainless steel, which involves the use of hexavalent chromium during the manufacturing process. Implementation of the HMMP shall include submittal of a written HMMP Report to the government for review and approval that follows the format and content established in DI-MISC 81397C and includes the following:

- Summary of Hazmat identified in the system design as of the date of submittal, to include items found in Task 108, Section 108.2.4.a – i.
- Associated Material Safety Data Sheets (MSDS) and / or Safety Data Sheets (SDS) for identified HAZMAT.
- Corresponding Program specifications and standards that require the use of the hazardous material.
- Summary and status of any Trade-Off analysis conducted.
- Summary of Hazmat that were successfully eliminated or minimized from the system design.
- Summary of any government Hazmat approval requests, including status of granted, denied, or pending.

Hazardous Materials Management documentation (CDRL A012) to include:

1. A Hazardous Materials Management Plan
2. A Hazardous Materials Management Report

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1. Safety Assessment Report (SAR)

The Contractor shall provide a SAR (CDRL A019) in accordance with Task 301 of MIL-STD-882E. The SAR shall provide a comprehensive evaluation of the status of all safety hazards and their associated mishap risk prior to Field User Evaluation (FUE) and prior to Full Rate Production (FRP). The SAR shall include a summary statement addressing the readiness of MTS to proceed into FUE and FRP. The SAR shall be delivered 120 days prior a Safety Release or risk acceptance is needed to support a program milestone.

13.0 TRAVEL

13.1 LOCATIONS

For planning purposes, the contractor shall provide adequate personnel to support the travel requirements listed below. Travel estimates are in accordance with the latest Joint Travel Regulations (JTR) for DoD Civilian Personnel.

PMC Funding (Base Year and all Options)

| # Trips | # People | # Days/Nights | From (Location) | To (Location) |
|---------|----------|---------------|-----------------|----------------------|
| 3 | 1 | 4/3 | Charleston, SC | Stafford, VA |
| 3 | 2 | 5/4 | Charleston, SC | Kaneohe Bay, HI |
| 3 | 2 | 6/5 | Charleston, SC | Camp Pendleton, CA |
| 3 | 2 | 6/5 | Charleston, SC | Camp Lejeune, NC |
| 3 | 2 | 4/3 | Charleston, SC | Fort Worth, TX |
| 3 | 2 | 13/12 | Charleston, SC | Okinawa, Japan |
| 3 | 2 | 4/3 | Charleston, SC | Fort Sill, OK |
| 3 | 2 | 4/3 | Charleston, SC | Twentynine Palms, CA |
| 3 | 2 | 4/3 | Charleston, SC | Albany, GA |
| 3 | 2 | 4/3 | Charleston, SC | Allentown, PA |
| 3 | 2 | 4/3 | Charleston, SC | Richmond, VA |
| 3 | 2 | 4/3 | Charleston, SC | Seal Beach, CA |
| 3 | 2 | 4/3 | Charleston, SC | Spokane, WA |
| 3 | 2 | 4/3 | Charleston, SC | El Paso, TX |
| 3 | 2 | 4/3 | Charleston, SC | Aurora, CO |
| 3 | 2 | 4/3 | Charleston, SC | Fort Dix, NJ |
| 3 | 2 | 5/4 | Charleston, SC | Oklahoma, OK |

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RDT&E Funding (Base Year only)

| # Trips | # People | # Days/Nights | From (Location) | To (Location) |
|---------|----------|---------------|-----------------|---------------|
| 1 | 2 | 5/4 | Charleston, SC | Aberdeen, MD |
| 1 | 1 | 4/3 | Charleston, SC | Stafford, VA |

13.2 PERSONNEL MEDICAL REQUIREMENTS

13.2.1 OCONUS Immunization Requirements

The task order, the contractor shall be required to travel to locations outside the Continental limits of the United States (OCONUS) both shore and afloat. Contractor employees who deploy to locations that require immunizations shall do so pursuant to DoDI 6205.4, Department of the Navy (DON), and SPAWARSCENLANTINST 12910.1A.

13.3 LETTER OF AUTHORIZATION

Some travel will require a Letter of Authorization (LOA). As noted in DFARS PGI 225.7402-3(e), a LOA is necessary to enable a contractor employee to process through a deployment processing center; to travel to, from, and within a theater of operations; and to identify any additional authorizations and privileges. Applicable to the task order, the contractor shall initiate a LOA for each prospective traveler. The contractor shall use the Synchronized Pre-deployment & Operational Tracker (SPOT) web-based system, at <http://www.dod.mil/bta/products/spot.html>, to enter and maintain data with respect to traveling/deployed personnel, and to generate LOAs. When necessary and if in the Government's interest, the contractor may also initiate a LOA request to provide an official traveler access to Government facilities and to take advantage of travel discount rates in accordance with Government contracts and/or agreements. All privileges, services, and travel rate discount access are subject to availability and vendor acceptance. LOAs are required to be signed/approved by the SPOT registered Contracting/Ordering Officer for the applicable task order.

Note for travel to Iraq: The only acceptable LOAs for work performed in Iraq are in support of Office of Security Cooperation - Iraq (OSC-I) or the Dept. of State (DoS). Support in reference to U.S. Forces Iraq (USF-I) is no longer valid beyond Dec 2011.

13.4 SPECIFIED MISSION DESTINATIONS

The contractor shall be required to travel to locations designated as Specified Mission Destinations which are listed in the latest SPAWARSCEN Atlantic OCONUS Travel Guide portal (latest link to be provided at contract and task order award). Pursuant to DoDI 3020.41 and SPAWARSCENLANTINST 12910.1A, work to be performed at Specified Mission Destinations is subject to all relevant contract clauses, as well as the requirements set forth in the aforementioned guide. The contractor shall be able to meet all clause and guide requirements 35 days prior to travel within the applicable specified destinations. When deployment to a Specified Mission Destination is required, the contractor shall be responsible for processing applicable deployment packages for its personnel in accordance with the SPAWARSCEN Atlantic OCONUS Travel Guide portal. Note: The portal is NOT the authoritative source, as it is only a guide. The contractor shall be responsible to know and understand travel requirements as identified by the Combatant Command (COCOM) and applicable country. Commencing no later than seven (7) days after task order award requiring travel to specified mission destination(s), the contractor shall submit all required OCONUS Deployment Documentation and Package (CDRL A008) to the task order technical POC and/or Command Travel/Deployment Coordinator.

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14.0 COR DESIGNATION

The Contracting Officer Representative (COR) for this task order is Michael Carbone (52530), who can be reached at (843-218-5046); e-mail: michael.carbone2@navy.mil

15.0 TRANSPORTATION OF EQUIPMENT/MATERIAL

Transportation of equipment and/or material is applicable for GFP and the noted CAP (**Attachment 2**). The contractor shall be responsible for packing, shipping, and delivery of items. For estimating purposes, it is anticipated that all of the GFP in **Attachment 1** will need to be transported to the contractor's facility during the transition period following TO award.

16.0 ACCEPTANCE PLAN

Inspection and acceptance is performed by the COR on all services, data, and non-data deliverables in accordance with the Quality Assurance Surveillance Plan (QASP), Attachment 3.

17.0 OTHER CONDITIONS/REQUIREMENTS

17.1 OVERTIME HOURS

Overtime for Service Contract Act (SCA) labor categories is allowed on this task order in accordance with clause 52.222-2. Work under this order shall be done during normal working hours (5days x 8hrs). However, due to operational requirements, schedules, and the availability of required resources and/or downtime of those resources, extended hours including weekend work may be required. Prior to overtime hours being worked, the contractor shall obtain COR concurrence for the specific hours per labor category and applicable dates.

17.2 TRANSITIONAL PLAN

To minimize any decreases in productivity and to prevent possible negative impacts on additional services from different contractors, the contractor shall provide support during the transition-in and transition-out periods. The contractor shall have personnel on board, during the thirty (30) day transitional periods at the beginning and end of a TO. After TO award (Transition-In), the Contractor shall become familiar with performance requirements in order to commence full performance of services before the out-going contractor leaves the site. Prior to the completion of the TO (Transition-Out), the contractor shall work with any new contractor personnel to ensure continuous support between contracts.

17.3 COMPUTER SOFTWARE & HARDWARE

The contractor shall provide computer hardware and software necessary to support design, engineering, and fabrication task covered under this task order. The Government will

NOT provide these items as CAE. This includes the following:

1. 3D Modeling Software (Solidworks)
2. CAD Drawing Software (AutoCAD)
3. Structural Finite Element Analysis (FEA) Software
4. Computer Hardware Required Operate Modeling Software

17.4 PARKING

Government-provided parking is not available for contractor personnel working at The North Yard Charleston Naval Complex

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(i.e. building 1602, etc). The contractor shall make its own accommodation for the transportation and/or parking needs of its personnel working in the aforementioned complex.

17.5 WASTE & METAL RECYCLING SERVICES

The contractor shall be responsible for all waste and metal recycling services both at SSC Atlantic vehicle integration facility (Building 1602).

17.6 CALIBRATION OF EQUIPMENT

Contractor shall be responsible for maintaining the proper calibration of all test equipment and tools utilized for work performed under this task order.

17.7 VEHICLE TRANSPORTATION

Vehicles for transportation of Government material shall be provided by the contractor.

17.8 FUNDING ALLOCATION

This TO is funded with multiple appropriations with various Accounting Classification Reference Numbers (ACRNs) which may or may not cross multiple task order performance years. Depending on the services performed and the applicable timeframe, the contractor shall invoice cost in accordance with Section B, Section C, and Section G of the TO award. Unless otherwise advised, the contractor shall itemize all summary of work and financial information in the TOSR CDRL by the TO funding CLIN. The ability of the contractor to perform adequate billing and accounting will be reflected in the contractor's annual government Contractor Performance Assessment Report (CPAR) rating.

5252.237-9600 PERSONNEL QUALIFICATIONS (MINIMUM) (JAN 1992)

- a. Personnel assigned to or utilized by the contractor in the performance of this contract shall, at a minimum, meet the experience, educational, or other background requirements set forth below and shall be fully capable of performing in an efficient, reliable, and professional manner.
- b. The Government shall be able to review resumes of contractor personnel when applicable.
- c. If the Ordering Officer questions the qualifications or competence of any persons performing under the contract, the burden of proof to sustain that the persons is qualified as prescribed herein shall be upon the contractor.
- d. The contractor shall have personnel, organization, and administrative control necessary to ensure that the services performed meet all requirements specified in task orders. The work history of each contractor employee shall contain experience directly related to the tasks and functions to be assigned. The Ordering Officer reserves the right to determine if a given work history contains necessary and sufficiently detailed, related experience to reasonably ensure the ability for effective and efficient performance.
- e. When determining if educational and experience requirements are acceptable, the following criteria are applicable:

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1. To ensure that postsecondary education possessed by individuals meets an acceptable level of quality, educational degrees shall come from accredited institutions or programs. See www.ed.gov for more accreditation information. At a minimum, to receive credit for a Master and Doctorate, all degrees shall be earned from an institution that has been regionally accredited by one of the six associations: MSA, NASC, NCA, NEASC, SACS, and WASC.
2. Bachelor's of Science (BS) or Associate's (AS) degrees in Applied Science, Computing, Engineering, and Technology shall be from an Accreditation Board for Engineering and Technology (ABET) accredited program (see www.abet.org).
3. Reserved
4. Technology degrees do not qualify as Engineering or Physical Science Degrees.
5. Engineering Positions require Engineering degrees or written (vs. grandfathered) State PE License.
6. SCA titles and reference numbers are in accordance with Contract Act Directory of Occupations (Fifth Edition), published in www.dol.gov.
7. Applicable for Logistics Labor Categories only: DAWIA Certification for Contractors – Contractor personnel that do not have government DAWIA certification courses may demonstrate an equivalency in terms of academic degrees, courses completed, and experience as that of their counterparts in the DAWIA workforce. Equivalency for the following classes must be provided as follows: Level 1 - (1) Fundamentals of Systems Acquisition Management, (2) Acquisition Logistics Fundamentals, (3) Systems Sustainment Management; Level 2 – (1) Level 1 classes, (2) Intermediate Systems Acquisition, (3) Intermediate Acquisition Logistics, (4) Performance Based Logistics; Level 3 – (1) Level 1 and 2 Classes, (2) Executive Life Cycle Logistics Management, (3) Reliability and Maintainability. Additional explanation of courses or requirements can be found at the Defense Acquisition University web site (<http://www.dau.mil/>).
8. Applicable for IA/IW Labor Categories: Contractor personnel supporting IA functions shall be certified prior to being engaged in IA related work and be in full compliance with DoD 8570.1-M and DoDD 8570.1 This includes personnel being certified/accredited at the appropriate levels of IAT I-III and IAM I-III as appropriate. This will be verified by the contracting officer who will ensure that contractor personnel are entered in to the Defense Eligibility Enrollment System (DEERS) or other appropriate database. Contractor personnel not certified within 6 months of assignment of IA duties or who fail to maintain their certified status will not be permitted to carry out the responsibilities of the position, and shall be replaced with a contractor who does meet the minimum certification requirements as mandated above.
9. Applicable for Labor Categories providing Information Technology design and development support: In addition to educational requirements, Contract personnel shall be required to meet vendor/platform certification.

The following lists the applicable contract labor categories with their corresponding minimum personnel qualifications – specific educational or experience requirements shall be noted at the task order level:

1. Program Manager (KEY)

Education: Bachelor's degree in Engineering, Physical Sciences, Mathematics, Management Information Systems, or Business.

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Experience: Fifteen (15) years of technical experience in support of light tactical vehicle system research, development, design and/or integration to include: Equipment Support, C4ISR System Support, and Programmatic Support. Eight (8) years of Program Management experience, to include: Technology Assessments, Systems Design, Systems Analysis, Programmatic Support, Acquisition Planning, and Budget Planning. Five (5) years as manager of Lightweight Multi-Purpose Shelter (or equivalent-type shelter) system research, development, design and/or integration projects. Knowledge of Federal Acquisition Regulation (FAR) and DoD procurement policies and procedures.

2. Project Manager (KEY)

Education: Bachelor of Sciences degree in engineering, mathematics, physics, computer science or Business.

Experience: Ten (10) years of direct work experience with light tactical vehicles to include research, development, design and/or integration. Eight (8) years of direct work experience, to include: Design, Development, Production, Installation, and Test & Evaluation of C4ISR systems on light tactical vehicles. Four(4) years as manager of Lightweight Multi-Purpose Shelter (or equivalent-type shelter) Systems Design & Integration Projects, to include: Supervising Project Personnel, Scheduling Work, and Equipment and Material Logistics Control. Note: Experience may be concurrent. Knowledge of Federal Acquisition Regulation (FAR) and DoD procurement policies and procedures.

3. Engineer/Scientist 4 (KEY)

Education: BS degree in engineering, mathematics, physics, computer science.

Experience: Ten (10) years of experience with tactical vehicles, to include: Technology Analysis and Assessment, Design Definition, Development of Systems Specification, Systems Architecture, Systems/Equipment Integration, Test & Evaluation Criteria, and Logistics support of C4ISR systems. Five (5) years of technical experience in support of Lightweight Multi-Purpose Shelter (or equivalent-type shelter) system research, development, design and/or integration projects. Note: Experience may be concurrent. Advanced degrees substitute for experience as follows: Ph.D. – five (5) years of experience; MS – two (2) years of experience

4. Logistician 4 (KEY)

Education: Bachelor's degree. Current Professional Logistics Certification – i.e., Defense Acquisition Workforce Improvement Act (DAWIA) certified in Lifecycle [Acquisition] Logistics Level 2, or have equivalent logistics training (resume to specify all equivalent training), or possess an additional three (3) years working in direct support of defense life-cycle logistics.

Experience: Ten (10) years of experience in defense life-cycle (acquisition) logistics support (or 13 years if not DAWIA Level 2 certified) of electronic systems, to include: logistics management, principles, practices, and processes. Six (6) years of experience in support of C4ISR systems. Demonstrated management skills, to include: Analyzing Contracts, Analyzing System Design Specifications, Analyzing Engineering/Systems Management Data, Developing Logistics Plans and Procedures, and Developing Logistics Management Plans and Guidelines. Experience supervising Logistics Specialists. Note: Experience may be concurrent.

5. Subject Matter Expert (SME) 3 (KEY)

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Education: Technical Training in C4ISR systems.

Experience: Twelve (12) years of hands-on experience with Lightweight Multi-Purpose Shelter (or equivalent-type shelter), and light tactical vehicle system research, development, design and integration projects, to include three (3) of the following four (4) areas: Systems Requirements, Operational Requirements, Test & Evaluation, and Training. Recognized expert who has demonstrated industry and public service leadership in tactical vehicle system design and integration.

6. Engineer/Scientist 3

Education: BS degree in engineering, mathematics, physics, computer science, or other technically oriented curricula.

Experience: Six (6) years of experience with tactical vehicles, to include: Technology Analysis and Assessment, Design Definition, Development of Systems Specification, Systems Architecture, Systems/Equipment Integration, Test & Evaluation Criteria, and Logistics support of C4ISR systems. Three (3) years of technical experience in support of Lightweight Multi-Purpose Shelter (or equivalent-type shelter), system research, development, design and/or integration projects. Note: Experience may be concurrent. Advanced degrees substitute for experience as follows: Ph.D. – five (5) years of experience; MS – two (2) years of experience

7. Engineer/Scientist 2

Education: BS degree in engineering, mathematics, physics, computer science, or other technically oriented curricula.

Experience: Three (3) years of experience with tactical vehicles, to include: Technology Analysis and Assessment, Design Definition, Development of Systems Specification, Systems Architecture, Systems/Equipment Integration, Test & Evaluation Criteria, and Logistics support of C4ISR systems. One (1) year of technical experience in support of Lightweight Multi-Purpose Shelter (or equivalent-type shelter) System research, development, design and/or integration projects. Note: Experience may be concurrent. Advanced degrees substitute for experience as follows: Ph.D. – five (5) years of experience; MS – two (2) years of experience

8. Engineer/Scientist 1

Education: BS degree in engineering, mathematics, physics, computer science, or other technically oriented curricula.

Experience: One (1) year of experience with tactical vehicles, to include: Technology Analysis and Assessment, Design Definition, Development of Systems Specification, Systems Architecture, Systems/Equipment Integration, Test & Evaluation Criteria, and Logistics support of C4ISR systems.

9. Logistician 3

Education: Bachelor's degree. Current Professional Logistics Certification – i.e., Defense Acquisition Workforce Improvement Act (DAWIA) certified in Lifecycle [Acquisition] Logistics Level 1, or have equivalent logistics training (resume to specify all equivalent training), or possess an additional two (2) years working in direct support of defense life-cycle logistics.

Experience: Six (6) years of experience in defense life-cycle (acquisition) logistics support (or 8 years if not DAWIA Level 1

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certified) of electronic systems, to include: logistics management, principles, practices, and processes. Four (4) years of experience in support of C4ISR systems. Demonstrated skills, to include: Analyzing Engineering/Systems Management Data, Developing Logistics Plans and Procedures, and Developing Logistics Management Plans and Guidelines. Note: Experience may be concurrent.

10. Logistician 2

Education: Bachelor's degree. Working towards Professional Logistics Certification – i.e., Defense Acquisition Workforce Improvement Act (DAWIA) in Lifecycle [Acquisition] Logistics Level 1, or have equivalent logistics training (resume to specify all equivalent training), or possess an additional one (1) year working in direct support of defense life-cycle logistics.

Experience: Three (3) years of experience in defense life-cycle (acquisition) logistics support of electronic systems, to include: logistics principles, practices, and processes. One (1) year of experience in support of C4ISR systems. Demonstrated skills, to include: Analyzing Engineering/Systems Management Data, and Developing Logistics Plans and Procedures. Note: Experience may be concurrent.

11. Logistician 1

Education: Bachelor's degree.

Experience: One (1) year of experience in defense life-cycle (acquisition) logistics support of electronic systems, to include: logistics principles, practices, and processes.

12. Management Analyst 3

Education: Bachelor's degree in Business, or a related field (i.e., Economics, Marketing, Finance, Accounting, Management Information Systems, etc.).

Experience: Six (6) years of Contract Management experience, to include: Development of Program Acquisition Documentation, Development of Testing Criteria, Development of Corrective Action Systems, Development of Program Monitoring Approach (e.g. PERT, CPM, EVM), Analysis of Programs Health, Data Collection and Analysis, Development of Cost Estimates, and Development of Program Status Reports. Comprehensive knowledge of Federal Acquisition Regulation (FAR) and DoD procurement policies and procedures.

13. Management Analyst 2

Education: Bachelor's degree in Business, or a related field (i.e., Economics, Marketing, Finance, Accounting, Management Information Systems, etc.).

Experience: Two (2) years of Contract Management experience, to include: Development of Program Acquisition Documentation,

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Data Collection and Analysis, Development of Cost Estimates, and Development of Program Status Reports. Knowledge of Federal Acquisition Regulation (FAR) and DoD procurement policies and procedures.

14. Management Analyst 1

Education: Bachelor's degree in Business, or a related field (i.e., Economics, Marketing, Finance, Accounting, Management Information Systems, etc.).

Experience: One (1) year of Contract Management experience, to include: Development of Program Acquisition Documentation, Data Collection and Analysis. Familiarity with Federal Acquisition Regulation (FAR) and DoD procurement policies and procedures.

15. Technical Writer/Editor 3 (SCA 30463)

Education: BA degree in English, Journalism, or Technical Writing.

Experience: Ten (10) years of experience in the light tactical vehicle system to include: writing/editing technical documentation, procedures and guidelines for C4ISR systems or equipment.

16. Technical Writer/Editor 2 (SCA 30462)

Education: BA degree in English, Journalism, or Technical Writing.

Experience: Five (5) years of experience in the research, development, design and/or integration of light tactical vehicle, to include: writing technical documentation, procedures and guidelines for C4ISR systems or equipment.

17. Technical Writer/Editor 1 (SCA 30461)

Education: BA degree in English, Journalism, or Technical Writing.

Experience: Three (3) years of experience in the research, development, design and/or integration of light tactical vehicle, to include: writing technical documentation, procedures and guidelines for C4ISR systems or equipment.

18. Engineering Technician III (SCA 30083)

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Education: Associate's Degree in Engineering, Physical Science, or Engineering Technology.

Experience: Ten (10) years of practical experience in light tactical vehicle systems integration and/or development.

Four (4) years of experience, to include: installation of such equipment. One (1) year of experience, to include: design, preparation and modification of engineering documents, and drawings. Four (4) years of experience in C4ISR Lightweight Multi-Purpose Shelter (or equivalent-type shelter) system integration and/or development projects to include potted-in insert installation into various type of material (honeycomb panel, etc), of which 2 must have been performed within the last 3 years. Note: Experience may be concurrent.

19. Engineering Technician II (SCA 30082)

Education: Associate's Degree in Engineering, Physical Science, or Engineering Technology.

Experience: Three (3) years of practical experience, to include: laboratory testing, manufacturing, or maintenance.

OR

Education: High School diploma or GED.

Experience: Five (5) years of practical experience, to include: laboratory testing, manufacturing, or maintenance.

20. Engineering Technician I (SCA 30081)

Education: Associate's Degree in Engineering, Physical Science, or Engineering Technology.

Experience: None.

OR

Education: High School diploma or GED.

Experience: Three (3) years of practical experience, to include: laboratory testing, manufacturing, or maintenance.

21. Drafter/CAD Operator IV (SCA 30064)

Education: Associate's degree from a school in drafting or illustration.

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Experience: Two (2) years of experience drafting/illustrating in the electronics field, to include: computerized drafting applications, digital imaging techniques, use of AutoCad, planning and preparing graphic presentations of complex items. Experience with DoD processes and procedures.

OR

Education: High School diploma or GED.

Experience: Five (5) years of experience drafting/illustrating in the electronics field, to include: computerized drafting applications, digital imaging techniques, use of AutoCad, planning and preparing graphic presentations of complex items. Experience with DoD processes and procedures.

22. Drafter/CAD Operator III (SCA 30063)

Education: High School diploma or GED.

Experience: Three (3) years of experience drafting/illustrating in the electronics field, to include: computerized drafting applications, digital imaging techniques, use of AutoCad, planning and preparing graphic presentations of complex items. Experience with DoD processes and procedures.

23. Drafter/CAD Operator II (SCA 30062)

Education: High School diploma or GED.

Experience: Two (2) years of experience drafting/illustrating in the electronics field.

Experience, to include: computerized drafting applications, digital imaging techniques, use of AutoCad.

24. Drafter/CAD Operator I (SCA 30061)

Education: High School diploma or GED.

Experience: One (1) year of experience drafting/illustrating in the electronics field.

Experience with computerized drafting applications

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25. Electronics Technician Maintenance III (SCA 23183)

Education: High School diploma or GED. Formal electronics training from: Technical School, or Class A or B military school in electronics or communications, or four (4) year electronics apprentice program. Formal electronics training, to include: Installation Tasks, Soldering, Cable Dressing, Cable Tray, Conduit, and Making/Repairing Connectors.

Experience: Eight (8) years of practical experience, to include: Electronics Repair, Maintenance, Installation and Checkout. Two (2) years of experience, to include: supervision, and shop practices. Three (3) years of practical experience, to include: electronics repair and installation, and six (6) years of experience with the Lightweight Multi-Purpose Shelter (or equivalent-type shelter) system development, and/or integration projects. Note: Experience may be concurrent.

26. Electronics Technician Maintenance II (SCA 23182)

Education: High School diploma or GED. Formal electronics training from: Technical School, or Class A or B military school in electronics or communications, or four (4) year electronics apprentice program. Formal electronics training, to include: Installation Tasks, Soldering, Cable Dressing, Cable Tray, Conduit, and Making/Repairing Connectors.

Experience: Four (4) years of practical experience, to include: electronics repair, maintenance and checkout. One (1) year of practical experience in electronics installation. Note: Experience may be concurrent.

27. Electronics Technician Maintenance I (SCA 23181)

Education: High School diploma or GED. Formal electronics training from: Technical School, or Class A or B military school in electronics or communications, or four (4) year electronics apprentice program. Formal electronics training, to include: Installation Tasks, Soldering, Cable Dressing, Cable Tray, Conduit, and Making/Repairing Connectors.

Experience: Two (2) years of practical experience, to include: electronics repair, maintenance and checkout.

28. Warehouse Specialist (SCA 21410)

Education: High School diploma or GED.

Experience: Two (2) year of warehouse experience, to include: performing inventory, staging, packing, storage and shipping of electronic equipment and related material; operating motor vehicles and material handling equipment; and utilizing a computer-based inventory and bar coding system for entry, identification and tracking of material.

29. Stock Clerk (SCA 21150)

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Education: High School diploma or GED.

Experience: None, however, must have knowledge of commonly used concepts, practices, and procedures concerning stocking tasks such as: receipts, invoices, weights, updating of inventory, inspection, methods of storage, etc.

30. Shipping and Receiving Clerk (SCA 21130)

Education: High School diploma or GED.

Experience: Two (2) years of experience, to include: assembling orders and preparing goods for shipment; recording shipment data, including weight, charges, and space availability; receiving, unpacking materials/supplies and reporting damages and discrepancies for accounting, reimbursement and record-keeping purposes; and completing shipping and receiving reports.

31. Material Handling Laborer (SCA 21050)

Education: High School diploma or GED.

Experience: None.

32. Material Expediter (SCA 21040)

Education: High School diploma or GED.

Experience: Two (2) years of experience, to include: facilitating and expediting the flow of materials to and from various departments, dealing directly with vendors to ensure prompt and accurate delivery of goods to appropriate locations, and inspecting goods upon delivery to verify delivered goods match order specifications.

33. Computer Systems Analyst I (SCA 14101)

Education: High School diploma or GED. Working towards completing applicable vendor/platform certification (e.g., Microsoft Certified Solutions Developer (MCSD), Microsoft Certified Applications Developer (MCAD), Microsoft Certified Database Administrator (MCDBA), Sun Certified Professional (SCP), Red Hat Certification Program (RHCP), CISCO Certified Network Professional (CCNP), Oracle Certified Professional (OCP), other).

Experience: One (1) year of Computerized System experience, to include: Network Protocols, and UNIX and Windows based operating system.

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34. Supply Technician (SCA 01410)

Education: High School diploma or GED.

Experience: Five (5) years of experience, to include: supervisory or warehouse lead at a DoD facility; financial management; logistics support for projects involving electronic/ electrical repair and installation, ordering, acquisition, distribution of material, equipment and resources.

5252.237-9601 KEY PERSONNEL (VARIATION)

(a) The offeror agrees to assign to this task order those key personnel listed in paragraph (d) below. No substitutions will be made except in accordance with this clause.

(b) The offeror agrees that during the first 90 days of the task order performance period no personnel substitutions will be permitted unless such substitutions are necessitated by an individual's sudden illness, death or termination of employment. In any of these events, the Contractor shall promptly notify the Contracting Officer and provide the information required by paragraph (c) below. After the initial 90-day period, all proposed substitutions must be submitted in writing, at least fifteen (15) days (thirty (30) days if a security clearance is to be obtained) in advance of the proposed substitutions to the contracting officer. The Contractor shall provide any substitution requests in accordance with paragraph (c) below.

(c) All requests for approval of substitutions under this task order must be in writing and a detailed explanation of the circumstances necessitating the proposed substitutions. They must contain a complete resume for the proposed substitute or addition, and any other information requested by the Contracting Officer or needed by him to approve or disapprove the proposed substitutions. All substitutions proposed during the duration of this task order must have qualifications of the person being replaced. The Contracting Officer or his authorized representative will evaluate such requests and promptly notify the Contractor of his approval or disapproval thereof in writing.

(d) List of Key Personnel

| # | NAME | Labor Category | Effective Date |
|---|-------------------|-------------------------|----------------|
| 1 | Peter Lombardo | Program Manager | 12 April 2018 |
| 2 | James Trodglen II | Project Manager | 12 April 2018 |
| 3 | Adam King | Engineer/Scientist 4 | 12 April 2018 |
| 4 | Irvin Evans III | Logistician 4 | 12 April 2018 |
| 5 | Kenneth Dotson | Subject Matter Expert 3 | 12 April 2018 |

After task order award, the Contractor shall be responsible for tracking and maintaining the Key Personnel list which is part of the monthly Task Order Status Report.

(e) If the Contracting Officer determines that suitable and timely replacement of key personnel who have been reassigned, terminated or have otherwise become unavailable for the task order work is not reasonably forthcoming or that the resultant reduction of productive effort would be so substantial as to impair the successful completion of the task order, the task order may be terminated by the Contracting Officer for default or for the convenience of the Government, as appropriate. In addition, if the Contractor is found at fault for the condition, the Contracting Officer may elect to equitably decrease the task order price or fixed fee to compensate the Government for any resultant delay, loss or damage. The

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Contractor's ability to manage, provide, and/or maintain sufficient key personnel will be evaluated in the annual Government Contractor Performance Assessment Report (CPAR) rating.

(f) To request personnel be added to a labor category, the offeror shall employ the procedures outlined in paragraph (c) above.

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SECTION D PACKAGING AND MARKING

All Deliverables shall be packaged and marked IAW Best Commercial Practice.

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SECTION E INSPECTION AND ACCEPTANCE

| CLIN | INSPECT AT | INSPECT AT | ACCEPT BY | ACCEPT BY |
|------|------------|------------|-----------|-----------|
|------|------------|------------|-----------|-----------|

FIRM FIXED PRICE CLINS

| | | | | |
|------|-------------|------------|-------------|------------|
| 8000 | Destination | Government | Destination | Government |
| 8001 | Destination | Government | Destination | Government |
| 8100 | Destination | Government | Destination | Government |
| 8101 | Destination | Government | Destination | Government |
| 8200 | Destination | Government | Destination | Government |
| 8201 | Destination | Government | Destination | Government |

COST CLINS

| | | | | |
|------|-------------|------------|-------------|------------|
| 7000 | Destination | Government | Destination | Government |
| 7001 | Destination | Government | Destination | Government |
| 7002 | Destination | Government | Destination | Government |
| 7100 | Destination | Government | Destination | Government |
| 7101 | Destination | Government | Destination | Government |
| 7102 | Destination | Government | Destination | Government |
| 7200 | Destination | Government | Destination | Government |
| 7201 | Destination | Government | Destination | Government |
| 7202 | Destination | Government | Destination | Government |

ODC CLINS

| | | | | |
|------|-------------|------------|-------------|------------|
| 9000 | Destination | Government | Destination | Government |
| 9001 | Destination | Government | Destination | Government |
| 9100 | Destination | Government | Destination | Government |

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9101 Destination Government Destination Government

9200 Destination Government Destination Government

9201 Destination Government Destination Government

CLAUSES INCORPORATED BY REFERENCE

52.246-5 Inspection Of Services Cost-Reimbursement APR 1984

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SECTION F DELIVERABLES OR PERFORMANCE

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

| | |
|------|-----------------------|
| 7000 | 4/16/2018 - 4/15/2019 |
| 7001 | 4/16/2018 - 4/15/2019 |
| 8000 | 4/16/2018 - 4/15/2019 |
| 8001 | 4/16/2018 - 4/15/2019 |
| 8002 | 4/16/2018 - 4/15/2019 |
| 8003 | 4/16/2018 - 4/15/2019 |
| 9000 | 4/16/2018 - 4/15/2019 |
| 9001 | 4/16/2018 - 4/15/2019 |

CLIN - DELIVERIES OR PERFORMANCE

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

8000 Date of Contract Award - 365 Days after contract award.

8001 Date of Contract Award - 365 Days after contract award.

7000 Date of Contract Award - 365 Days after contract award.

7001 Date of Contract Award - 365 Days after contract award.

7002 Date of Contract Award - 365 Days after contract award.

9000 Date of Contract Award - 365 Days after contract award.

9001 Date of Contract Award - 365 Days after contract award.

8100 Begins after CLIN 8000 is complete and ends 365 days after CLIN 8100 is exercised.

8101 Begins after CLIN 8001 is complete and ends 365 days after CLIN 8101 is exercised.

7100 Begins after CLIN 7000 is complete and ends 365 days after CLIN 7100 is exercised.

7101 Begins after CLIN 7001 is complete and ends 365 days after CLIN 7101 is exercised.

7102 Begins after CLIN 7002 is complete and ends 365 days after CLIN 7102 is exercised.

9100 Begins after CLIN 9000 is complete and ends 365 days after CLIN 9100 is exercised.

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9101 Begins after CLIN 9001 is complete and ends 365 days after CLIN 9101 is exercised.

8200 Begins after CLIN 8100 is complete and ends 365 days after CLIN 8200 is exercised.

8201 Begins after CLIN 8101 is complete and ends 365 days after CLIN 8201 is exercised.

7200 Begins after CLIN 7100 is complete and ends 365 days after CLIN 7200 is exercised.

7201 Begins after CLIN 7101 is complete and ends 365 days after CLIN 7201 is exercised.

7202 Begins after CLIN 7102 is complete and ends 365 days after CLIN 7202 is exercised.

9200 Begins after CLIN 9100 is complete and ends 365 days after CLIN 9100 is exercised.

9201 Begins after CLIN 9101 is complete and ends 365 days after CLIN 9101 is exercised.

The above periods of performance for the option(s) to extend the term of the task order shall apply only if the Government exercises the option(s) as stated in Section B in accordance with the task order clause at FAR 52.217-9 "Option to Extend the Term of the Contract".

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SECTION G CONTRACT ADMINISTRATION DATA

The SPAWAR Atlantic Ombudsman is Robin B. Rourk, (843) 218-5115.

252.204-0002 Line Item Specific: Sequential ACRN Order. (SEP 2009)

The payment office shall make payment in sequential ACRN order within the line item, exhausting all funds in the previous ACRN before paying from the next ACRN using the following sequential order: Alpha/Alpha; Alpha/numeric; numeric/alpha; and numeric/numeric.

252.204-7006 BILLING INSTRUCTIONS (OCT 2005)

When submitting a request for payment, the Contractor shall—

- a. Identify the contract line item(s) on the payment request that reasonably reflect contract work performance; and
- b. Separately identify a payment amount for each contract line item included in the payment request.

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,

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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 Type Orders - Cost Voucher

FFP - INVOICE AND RECEIVING REPORT (COMBO)

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

N65236

(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 | DFAS HAA50W |
| Issue By DoDAAC | N65236 |
| Admin DoDAAC | N65236 |
| Inspect By DoDAAC | N65236 |
| Ship To Code | N65236 |
| Ship From Code | N/A |
| Mark For Code | N65236 |
| Service Approver (DoDAAC) | N65236 |
| Service Acceptor (DoDAAC) | N/A |
| Accept at Other DoDAAC | N/A |
| LPO DoDAAC | N65236 |
| DCAA Auditor DoDAAC | DCAA HQ 0337 |
| Other DoDAAC(s) | N/A |

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

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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.

[REDACTED]

Contracting Officer's Representative

1 Innovation Drive, Bldg. 3147

North Charleston, SC 29410-4200

[REDACTED]

[REDACTED]

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.

[REDACTED]

Administrative Specialist

1 Innovation Drive, Bldg. 3147

North Charleston, SC 29410-4200

[REDACTED]

[REDACTED]

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

5252.201-9201 Designation of Contracting officer's Representative (Mar 2006)

(a) The Contracting Officer hereby appoints the following individual as Contracting Officer's Representative(s) (COR) for this contract/order:

CONTRACTING OFFICER REPRESENTATIVE

[REDACTED]

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Contracting Officer's Representative

1 Innovation Drive, Bldg. 3147

North Charleston, SC 29410-4200

████████████████████

████████████████████

(b) It is emphasized that only the Contracting Officer has the authority to modify the terms of the contract, therefore, in no event will any understanding agreement, modification, change order, or other matter deviating from the terms of the basic contract between the Contractor and any other person be effective or binding on the Government.

When/If, in the opinion of the Contractor, an effort outside the existing scope of the contract is requested, the Contractor shall promptly notify the PCO in writing. No action shall be taken by the Contractor unless the Procuring Contracting Officer (PCO) or the Administrative Contracting Officer (ACO) has issued a contractual change.

5252.216-9210 TYPE OF CONTRACT (DEC 1999)

The Government contemplates award of a performance based Cost-Plus-Fixed-Fee (CPFF), Level of Effort (LOE), Firm-Fixed-Price, and Cost task order resulting from this solicitation..

5252.232-9206 SEGREGATION OF COSTS (DEC 2003)

(a) The Contractor agrees to segregate costs incurred under this task order at the lowest level of performance, either task or subtask, rather than on a total task order basis, and to submit invoices reflecting costs incurred at that level. Invoices shall contain summaries of work charged during the period covered, as well as overall cumulative summaries by labor category for all work invoiced to date, by line item, task, or subtask.

(b) Where multiple lines of accounting are present, the ACRN preceding the accounting citation will be found in Section G, Accounting Data. Payment of Contractor invoices shall be accomplished only by charging the ACRN that corresponds to the work invoiced.

(c) Except when payment requests are submitted electronically as specified in the clause at DFARS 252.232-7003, Electron Submission of Payment Requests, one copy of each invoice or voucher will be provided, at the time of submission to DCAA

(1) to the Contracting Officer's Representative or the Technical Representative of the Contracting Officer and

(2) to the Procuring Contracting Officer.

Accounting Data

SLINID PR Number

Amount

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700001 130062395100002 130307.88

LLA :
AA 1771109 4631 310 67854 067443 2D 463100 8RCR7454914N
Standard Number: N6523617PR01557
ACRN: AA
CLIN: 7000 01
PR #: 1300623951-0003
CRM #: 17-00688
CIN 130062395100002
Standard Doc. #: N6523617PR01557
Funding Doc #:M9545018RC74549

700002 130062395100003 3677655.59

LLA :
AB 1781109 4631 310 67854 067443 2D 463100 8RC84669141N
Standard Number: N6523617PR01557
ACRN: AB
CLIN: 7001 01
PR #: 1300623951-0003
CRM #: 17-00688
CIN 130062395100003
Standard Doc. #: N6523617PR01557
Funding Doc #:M9545018RC84669

900001 130062395100004 130307.88

LLA :
AA 1771109 4631 310 67854 067443 2D 463100 8RCR7454914N
Standard Number: N6523617PR01557
ACRN: AA
CLIN: 9000 01
PR #: 1300623951-0003
CRM #: 17-00688
CIN 130062395100004
Standard Doc. #: N6523617PR01557
Funding Doc #:M9545018RC74549

900002 130062395100005 31538.08

LLA :
AB 1781109 4631 310 67854 067443 2D 463100 8RC84669141N
Standard Number: N6523617PR01557
ACRN: AB
CLIN: 9001 01
PR #: 1300623951-0003
CRM #: 17-00688
CIN 130062395100005
Standard Doc. #: N6523617PR01557
Funding Doc #:M9545018RC84669

BASE Funding 3969809.43
Cumulative Funding 3969809.43

MOD P00001

700002 130062395100003 (1550877.77)

LLA :
AB 1781109 4631 310 67854 067443 2D 463100 8RC84669141N
Standard Number: N6523617PR01557
ACRN: AB
CLIN: 7001 01
PR #: 1300623951-0003
CRM #: 17-00688
CIN 130062395100003
Standard Doc. #: N6523617PR01557
Funding Doc #:M9545018RC84669

800001 130070982200001 1386262.27

LLA :
AB 1781109 4631 310 67854 067443 2D 463100 8RC84669141N

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Standard Number: N6523617PR01557
ACRN: AB
CLIN: 8000 01
PR #: 1300709822-0002
CIN 130070982200001
Standard Doc. #: N6523617PR01557
Funding Doc #:M9545018RC84669
PSC: AC64

800002 130070982200004 1550877.77

LLA :
AB 1781109 4631 310 67854 067443 2D 463100 8RC84669141N
Standard Number: N6523617PR01557
ACRN: AB
CLIN: 8000 02
PR #: 1300709822-0002
CIN 130070982200004
Standard Doc. #: N6523617PR01557
Funding Doc #:M9545018RC84669
PSC: AC64

MOD P00001 Funding 1386262.27
Cumulative Funding 5356071.70

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SECTION H SPECIAL CONTRACT REQUIREMENTS

5252.204-9202 CONTRACTOR PICTURE BADGE (JUL 2013)

(a) A contractor picture badge may be issued to contractor personnel by the SPAWARSYSCEN Atlantic Security Office upon receipt of a valid visit request from the Contractor and a picture badge request from the COR. A list of personnel requiring picture badges must be provided to the COR to verify that the contract or delivery/task order authorizes performance at SPAWARSYSCEN Atlantic Security Office prior to completion of the picture badge request.

(b) The contractor assumes full responsibility for the proper use of the identification badge and shall be responsible for the return of the badge upon termination of personnel or expiration or completion of the contract.

(c) At the completion of the contract, the contractor shall forward to SPAWARSYSCEN Atlantic Security Office a list of all unreturned badges with a written explanation of any missing badges.

5252.209-9206 EMPLOYMENT OF NAVY PERSONNEL RESTRICTED (DEC 1999)

In performing this task order, the Contractor will not use as a consultant or employ (on either a full or part-time basis) any active duty Navy personnel (civilian or military) without the prior approval of the Contracting Officer. Such approval may be given only in circumstances where it is clear that no law and no DOD or Navy instructions, regulations, or policies might possibly be contravened and no appearance of a conflict of interest will result.

252.239-7001 INFORMATION ASSURANCE CONTRACTOR TRAINING AND CERTIFICATION (JAN 2008)

(a) The Contractor shall ensure that personnel accessing information systems have the proper and current information assurance certification to perform information assurance functions in accordance with DoD 8570.01-M, Information Assurance Workforce Improvement Program. The Contractor shall meet the applicable information assurance certification requirements, including –

(1) DoD-approved information assurance workforce certification appropriate for each category and level as listed in the current version of DoD 8570.01-M; and

(2) Appropriate operating system certification for information assurance technical positions as required by DoD 8570.01-M.

(b) Upon request by the Government, the Contractor shall provide documentation supporting the information assurance certification status of personnel performing information assurance functions.

(c) Contractor personnel who do not have proper and current certifications shall be denied access to DoD information systems for the purpose of performing information assurance functions.

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5252.216-9122 LEVEL OF EFFORT (DEC 2000)

a. The Contractor agrees to provide the total level of effort specified in the next sentence in performance of the work described in Sections B and C of this contract. The total level of effort for the performance of this contract shall be [REDACTED], total man-hours of direct labor, including subcontractor direct labor for those subcontractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort.

b. Of the total man-hours of direct labor set forth above, it is estimated that 0 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. 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, 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 Task Order 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 Task Order Contracting Officer, shall constitute a binding contract. The Contractor shall not accelerate any effort until receipt of such written approval by the Task Order Contracting Officer. Any agreement to accelerate will be formalized by contract modification.

f. The Task Order 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. If the total level of effort specified in paragraph (a) above is not provided by the Contractor during the period of this contract, the Task Order Contracting Officer, at its sole discretion, shall either (i) reduce the fee of this contract as follows:

Fee Reduction = Fee (Required LOE - Expended LOE)

Required LOE

or (ii) subject to the provisions of the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST

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(FACILITIES)" (FAR 52.232-21), as applicable, require the Contractor to continue to perform the work until the total number of man-hours of direct labor specified in paragraph (a) above shall have been expended, at no increase in the fee of this contract.

h. 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 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.

i. 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 Task Order 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 and, in the case of an underrun in hours specified as the total level of effort; and (6) a calculation of the appropriate fee reduction in accordance with this clause. All submissions shall include subcontractor information.

j. 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 the 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. *

k. Notwithstanding any of the provisions in the above paragraphs, the Contractor may furnish man-hours up to five percent in excess of the total man-hours specified in paragraph (a) above, provided that the additional effort is furnished within the term hereof, and provided further that no increase in the estimated cost or fee is required.

* The Contracting Officer referred to, in paragraph (j), is the Task Order Contracting Officer.

5252.222-9600 WAGE DETERMINATION APPLICABLE, SERVICE CONTRACT ACT (SPAWAR)

Attachment 4 incorporated herein sets forth the applicable Service Contract Act Wage Determination by the Secretary of Labor.

Charleston, SC 15-4427 Rev. 4

5252.227-9207 LIMITED RELEASE OF CONTRACTOR CONFIDENTIAL BUSINESS INFORMATION - ALT 1

(APRIL 2010)

a. Definition.

"Confidential Business Information," (Information) as used in this clause, is defined as all forms and types of financial, business, economic or other types of information including technical data or computer

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software/computer software documentation, whether tangible or intangible, and whether or how stored, compiled, or memorialized physically, electronically, graphically, photographically, or in writing even when -- (1) the owner thereof has taken reasonable measures to keep such information secret, and (2) the Information derives independent economic value, actual or potential from not being generally known to, and not being readily ascertainable through proper means by, the public. Information will include technical data, as that term is defined in DFARS 252.227-7013(a)(14), 252.227-7015(a)(4), and 252.227-7018(a)(19). Similarly, Information does include computer software/computer software documentation, as those terms are defined in DFARS 252.227-7014(a)(4) and 252.227-7018(a)(4).

(b) The Space and Naval Warfare Systems Command (SPAWAR) may release to individuals employed by SPAWAR support contractors and their subcontractors Information submitted by the contractor or its subcontractors pursuant to the provisions of this contract. Information that would ordinarily be entitled to confidential treatment may be included in the Information released to these individuals. Accordingly, by submission of a proposal or execution of this contract, the offeror or contractor and its subcontractors consent to a limited release of its Information, but only for purposes as described in paragraph (c) of this clause.

(c) Circumstances where SPAWAR may release the contractor's or subcontractors' confidential business information

include the following:

(1) To other SPAWAR contractors and subcontractors, and their employees tasked with assisting SPAWAR in

handling and processing Information and documents in the administration of SPAWAR contracts, such as file room management and contract closeout; and,

(2) To SPAWAR contractors and subcontractors, and their employees tasked with assisting SPAWAR in accounting support services, including access to cost-reimbursement vouchers.

(3) To contractors and subcontractors, and their employees tasked with assisting SPAWAR in technical and administrative support services, including monitoring contract progress and providing financial oversight.

(4) To contractors and subcontractors, and their employees tasked with assisting SPAWAR in furnishing advice or technical assistance in support of the Government's management and oversight of the effort.

(d) SPAWAR recognizes its obligation to protect the contractor and its subcontractors from competitive harm that could result from the release of such Information. SPAWAR will permit the limited release of Information under paragraphs (c)(1), (c)(2), (c)(3), and (c)(4) only under the following conditions:

(1) SPAWAR determines that access is required by other SPAWAR contractors and their subcontractors to perform the tasks described in paragraphs (c)(1), (c)(2), (c)(3), and (c)(4);

(2) Access to Information is restricted to individuals with a bona fide need to possess;

(3) Contractors and their subcontractors having access to Information have agreed under their contract or a separate corporate non-disclosure agreement to provide the same level of protection to the Information that would be provided by SPAWAR employees. Such contract terms or separate corporate non-disclosure agreement shall require the contractors and subcontractors to train their employees on how to properly handle the Information to which they will have access, and to have their employees sign company non disclosure agreements certifying that they understand the sensitive nature of the Information and that unauthorized use of the Information could expose their company to significant liability. Copies of such employee non disclosure agreements shall be provided to the Government;

(4) SPAWAR contractors and their subcontractors performing the tasks described in paragraphs (c)(1), (c)(2), (c)(3), and (c)(4) have agreed under their contract or a separate non-disclosure agreement to not use the Information for any purpose other than performing the tasks described in paragraphs (c)(1), (c)(2), (c)(3), and

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(c)(4); and,

(5) Before releasing the Information to a non-Government person to perform the tasks described in paragraphs (c)(1), (c)(2), (c)(3), and (c)(4), SPAWAR shall provide the contractor a list of the company names to which access is being granted, along with a Point of Contact for those entities.

(e) SPAWAR's responsibilities under the Freedom of Information Act are not affected by this clause.

(f) The contractor agrees to include, and require inclusion of, this clause in all subcontracts at any tier that requires the furnishing of Information.

5252.231-9200 REIMBURSEMENT OF TRAVEL COSTS (JAN 2006)

a. Contractor Request and Government Approval of Travel

Any travel under this contract must be specifically requested in writing, by the contractor prior to incurring any travel costs. If this contract is a definite or indefinite delivery contract, then the written Government authorization will be by task/delivery orders issued by the Ordering Officer or by a modification to an issued task/delivery order. If this contract is not a definite or indefinite delivery contract, then the written Government authorization will be by written notice of approval from the Contracting Officer's Representative (COR). The request shall include as a minimum, the following:

1. Contract number
2. Date, time, and place of proposed travel
3. Purpose of travel and how it relates to the contract
4. Contractor's estimated cost of travel
5. Name(s) of individual(s) traveling and;
6. A breakdown of estimated travel and per diem charges.

(b) General

1. The costs for travel, subsistence, and lodging shall be reimbursed to the contractor only to the extent that it is necessary and authorized for performance of the work under this contract. The costs for travel,

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subsistence, and lodging shall be reimbursed to the contractor in accordance with the Federal Acquisition Regulation (FAR) 31.205-46, which is incorporated by reference into this contract. As specified in FAR 31.205-46(a) (2), reimbursement for the costs incurred for lodging, meals and incidental expenses (as defined in the travel regulations cited subparagraphs (b)(1)(i) through (b)(1)(iii) below) shall be considered to be reasonable and allowable only to the extent that they do not exceed on a daily basis the maximum per diem rates in effect at the time of travel as set forth in the following:

- i. Federal Travel Regulation prescribed by the General Services Administration for travel in the contiguous 48 United States;
- ii. Joint Travel Regulation, Volume 2, DoD Civilian Personnel, Appendix A, prescribed by the Department of Defense for travel in Alaska, Hawaii, The Commonwealth of Puerto Rico, and the territories and possessions of the United States; or
- iii. Standardized Regulations, (Government Civilians, Foreign Areas), Section 925, "Maximum Travel Per Diem Allowances in Foreign Areas" prescribed by the Department of State, for travel in areas not covered in the travel regulations cited in subparagraphs (b)(1)(i) and (b)(1)(ii) above.

2. Personnel in travel status from and to the contractor's place of business and designated work site or vice versa, shall be considered to be performing work under the contract, and contractor shall bill such travel time at the straight (regular) time rate; however, such billing shall not exceed eight hours per person for any one person while in travel status during one calendar day.

(c) Per Diem

1. The contractor shall not be paid per diem for contractor personnel who reside in the metropolitan area in which the tasks are being performed. Per diem shall not be paid on services performed at contractor's home facility and at any facility required by the contract, or at any location within a radius of 50 miles from the contractor's home facility and any facility required by this contract.
2. Costs for subsistence and lodging shall be paid to the contractor only to the extent that overnight stay is necessary and authorized in writing by the Government for performance of the work under this contract per paragraph (a). When authorized,

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per diem shall be paid by the contractor to its employees at a rate not to exceed the rate specified in the travel regulations cited in FAR 31.205-46(a)(2) and authorized in writing by the Government. The authorized per diem rate shall be the same as the prevailing locality per diem rate.

3. Reimbursement to the contractor for per diem shall be limited to payments to employees not to exceed the authorized per diem and as authorized in writing by the Government per paragraph (a). Fractional parts of a day shall be payable on a prorated basis for purposes of billing for per diem charges attributed to subsistence on days of travel. The departure day from the Permanent Duty Station (PDS) and return day to the PDS shall be 75% of the applicable per diem rate. The contractor shall retain supporting documentation for per diem paid to employees as evidence of actual payments, as required by the FAR 52.216-7 "Allowable Cost and Payment" clause of the contract.

(d) Transportation

1. The contractor shall be paid on the basis of actual amounts paid to the extent that such transportation is necessary for the performance of work under the contract and is authorized in writing by the Government per paragraph (a).

2. The contractor agrees, in the performance of necessary travel, to use the lowest cost mode commensurate with the requirements of the mission and in accordance with good traffic management principles. When it is necessary to use air or rail travel, the contractor agrees to use coach, tourist class or similar accommodations to the extent consistent with the successful and economical accomplishment of the mission for which the travel is being performed. Documentation must be provided to substantiate non-availability of coach or tourist if business or first class is proposed to accomplish travel requirements.

3. When transportation by privately owned conveyance (POC) is authorized, the contractor shall be paid on a mileage basis not to exceed the applicable Government transportation rate specified in the travel regulations cited in FAR 31.205-46(a)(2) and is authorized in writing by the Government per paragraph (a).

4. When transportation by privately owned (motor) vehicle (POV) is authorized, required travel of contractor personnel, that is not commuting travel, may be paid to the extent that it exceeds the normal commuting mileage of such employee. When an employee's POV is used for travel between an employee's residence or the Permanent Duty Station and one or more alternate work sites within the local area, the

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employee shall be paid mileage for the distance that exceeds the employee's commuting distance.

5. When transportation by a rental automobile, other special conveyance or public conveyance is authorized, the contractor shall be paid the rental and/or hiring charge and operating expenses incurred on official business (if not included in the rental or hiring charge). When the operating expenses are included in the rental or hiring charge, there should be a record of those expenses available to submit with the receipt. Examples of such operating expenses include: hiring charge (bus, streetcar or subway fares), gasoline and oil, parking, and tunnel tolls.

6. Definitions:

- i. "Permanent Duty Station" (PDS) is the location of the employee's permanent work assignment (i.e., the building or other place where the employee regularly reports for work.
- ii. "Privately Owned Conveyance" (POC) is any transportation mode used for the movement of persons from place to place, other than a Government conveyance or common carrier, including a conveyance loaned for a charge to, or rented at personal expense by, an employee for transportation while on travel when such rental conveyance has not been authorized/approved as a Special Conveyance.
- iii. "Privately Owned (Motor) Vehicle (POV)" is any motor vehicle (including an automobile, light truck, van or pickup truck) owned by, or on a long-term lease (12 or more months) to, an employee or that employee's dependent for the primary purpose of providing personal transportation, that:
 - (a) is self-propelled and licensed to travel on the public highways;
 - (b) is designed to carry passengers or goods; and
 - (c) has four or more wheels or is a motorcycle or moped.
- iv. "Special Conveyance" is commercially rented or hired vehicles other than a POC

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and other than those owned or under contract to an agency.

v. "Public Conveyance" is local public transportation (e.g., bus, streetcar, subway, etc) or taxicab.

vi. "Residence" is the fixed or permanent domicile of a person that can be reasonably justified as a bona fide residence.

EXAMPLE 1: Employee's one way commuting distance to regular place of work is 7 miles. Employee drives from residence to an alternate work site, a distance of 18 miles. Upon completion of work, employee returns to residence, a distance of 18 miles.

In this case, the employee is entitled to be reimbursed for the distance that exceeds the normal round trip commuting distance (14 miles). The employee is reimbursed for 22 miles ($18 + 18 - 14 = 22$).

EXAMPLE 2: Employee's one way commuting distance to regular place of work is 15 miles. Employee drives from residence to an alternate work site, a distance of 5 miles. Upon completion of work, employee returns to residence, a distance of 5 miles.

In this case, the employee is not entitled to be reimbursed for the travel performed (10 miles), since the distance traveled is less than the commuting distance (30 miles) to the regular place of work.

EXAMPLE 3: Employee's one way commuting distance to regular place of work is 15 miles. Employee drives to regular place of work. Employee is required to travel to an alternate work site, a distance of 30 miles. Upon completion of work, employee returns to residence, a distance of 15 miles.

In this case, the employee is entitled to be reimbursed for the distance that exceeds the normal round trip commuting distance (30 miles). The employee is reimbursed for 30 miles ($15 + 30 + 15 - 30 = 30$).

EXAMPLE 4: Employee's one way commuting distance to regular place of work is 12 miles. In the morning the employee drives to an alternate work site (45 miles). In the afternoon the employee returns to the regular place of work (67 miles).

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After completion of work, employee returns to residence, a distance of 12 miles.

In this case, the employee is entitled to be reimbursed for the distance that exceeds the normal round trip commuting distance (24 miles). The employee is reimbursed for 100 miles (45 + 67 + 12 - 24 = 100).

EXAMPLE 5: Employee's one way commuting distance to regular place of work is 35 miles. Employee drives to the regular place of work (35 miles). Later, the employee drives to alternate work site #1 (50 miles) and then to alternate work site #2 (25 miles). Employee then drives to residence (10 miles).

In this case, the employee is entitled to be reimbursed for the distance that exceeds the normal commuting distance (70 miles). The employee is reimbursed for 50 miles (35 + 50 + 25 + 10 - 70 = 50).

EXAMPLE 6: Employee's one way commuting distance to regular place of work is 20 miles. Employee drives to the regular place of work (20 miles). Later, the employee drives to alternate work site #1 (10 miles) and then to alternate work site #2 (5 miles). Employee then drives to residence (2 miles).

In this case, the employee is not entitled to be reimbursed for the travel performed (37 miles), since the distance traveled is less than the commuting distance (40 miles) to the regular place of work.

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 forth below. As provided in the clause of this contract entitled "LIMITATION

OF FUNDS" (FAR 52.232-22), the CLINs/SLINs covered thereby, and the period of performance for which it is estimated the allotted amount(s) will cover are as follows:

| CLIN | Ceiling | Funded Amount | Unfunded Amount | Period of Performance |
|------------------|---------|---------------|-----------------|-----------------------|
| BASE YEAR | | | | |
| █ | █ | █ | █ | █ |
| █ | █ | █ | █ | █ |
| █ | █ | █ | █ | █ |

| | | | | |
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c. Contractor-occupied facilities (on Department of the Navy or other Government installations) such as offices, separate rooms, or cubicles must be clearly identified with Contractor supplied signs, name plates or other identification, showing that these are work areas for Contractor or subcontractor personnel.

**5252.242-9518 CONTRACTOR PERFORMANCE ASSESSMENT REPORTING SYSTEM (CPARS)
(NAVAIR) (FEB 2009)**

a. The Contractor Performance Assessment Reporting System (CPARS) has been established to collect past performance information on defense contractors as required by FAR 42.1502 (Class Deviation 2013-O0018). The frequency and type of CPARS reports (initial, intermediate, final, out-of-cycle, and addendum) shall be as required in the CPARS Policy Guide that is available at: <https://www.cpars.gov/cparsfiles/pdfs/CPARS-Guidance.pdf>.

b. For orders placed against contracts and agreements the contractor's performance shall be assessed on an order-by-order basis [] or total contract/agreement basis []

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SECTION I CONTRACT CLAUSES

CLAUSES INCORPORATED BY REFERENCE

252.211-7006 Passive Radio Frequency Identification (JUN 2016)

252.246-7006 WARRANTY TRACKING OF SERIALIZED ITEMS (MAR 2016)

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

(a) The Government may extend the term of this task order by written notice to the Contractor within 30 days prior to completion of the base period; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 60 days before the task order expires. The preliminary notice does not commit the Government to an extension.

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

(c) The total duration of this task order, including the exercise of any options under this clause, shall not exceed three years.

52.222-2 Payment for Overtime Premiums (July 1990)

(a) The use of overtime is authorized under this contract if the overtime premium does not exceed 4,818 hours (base - 2.064: option yr. 1 - 2.064: and option year 2 - 690) 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.

*** To Be Completed at Time of Task Order Award.**

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

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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

Employee Class Monetary Wage-Fringe Benefits

| <i>Service Contract Act</i> | SCA Category | GS Level |
|--|-------------------------|---------------------|
| Supply Technician | 01410 | GS-7 |
| Computer System Analyst I | 14101 | GS-7 |
| Material Expediter | 21040 | WG-7 |
| Material Handling Laborer | 21050 | WG-2 |
| Shipping and Receiving Clerk | 21130 | WG-4 |
| Stock Clerk | 21150 | WG-4 |
| Warehouse Specialist | 21410 | WG-5 |
| Electronics Technician Maintenance I | 23181 | WG-8 |
| Electronics Technician Maintenance II | 23182 | WG-9 |
| Electronics Technician Maintenance III | 23183 | WG-10 |
| Engineering Technician I | 30081 | GS-3 |
| Engineering Technician II | 30082 | GS-4 |
| Engineering Technician III | 30083 | GS-5 |
| Drafter/CAD Operator I | 30061 | GS-4 |
| Drafter/CAD Operator II | 30062 | GS-5 |
| Drafter/CAD Operator III | 30063 | GS-6 |
| Drafter/CAD Operator IV | 30064 | GS-8 |

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SECTION J LIST OF ATTACHMENTS

ATTACHMENT_1_GFP

ATTACHMENT_3_QASP_signed

ATTACHMENT_5_DD254

Exhibit_A_CDRLs_A001-A023_REV2

ATTACHMENT_2_REVISIED_CAP_P00001

ATTACHMENT_4_WD_Charleston_SC_Rev-6

DISTRIBUTION

| | |
|---|--|
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