

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT1. CONTRACT ID CODE
UPAGE OF PAGES
1 22. AMENDMENT/MODIFICATION NO.
P000053. EFFECTIVE DATE
29-Jul-20194. REQUISITION/PURCHASE REQ. NO.
13008036675. PROJECT NO. (If applicable)
N/A

6. ISSUED BY CODE

N65236

7. ADMINISTERED BY (If other than Item 6)

CODE

S2404A

SPAWAR-NIWC Atlantic (CHRL)
P.O. BOX 190022
North Charleston SC 29419-9022
[REDACTED]DCMA Manassas
14501 George Carter Way, 2nd Floor
Chantilly VA 20151

SCD: C

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

CACI TECHNOLOGIES INC.
14370 Newbrook Drive
Chantilly VA 20151-2218

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

[X]

10A. MODIFICATION OF CONTRACT/ORDER NO.

N00178-04-D-4026 / N6523618F3008

10B. DATED (SEE ITEM 13)

03-Nov-2017

CAGE CODE
8D014

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

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)
43.103(a)

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)

29-Jul-2019

NSN 7540-01-152-8070

30-105

STANDARD FORM 30 (Rev. 10-83)

PREVIOUS EDITION UNUSABLE

Prescribed by GSA
FAR (48 CFR) 53.243

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GENERAL INFORMATION

The purpose of this modification is to realign ODC CLIN 9104 to labor CLIN 7104 for \$1,426.84), ODC CLIN 9105 to labor CLIN 7105 for \$1,909.66, and ODC CLIN 9106 to labor CLIN 7106 for \$1,909.66. All other terms and conditions remain the same. 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 \$260,924.13 by \$0.00 to \$260,924.13.

CLIN/SLIN	Type Of Fund	From (\$)	By (\$)	To (\$)
710401	RDT&E	49,469.45	1,426.84	50,896.29
710501	RDT&E	40,459.20	1,909.66	42,368.86
710601	RDT&E	49,469.45	1,909.66	51,379.11
910401	RDT&E	2,586.71	(1,426.84)	1,159.87
910501	RDT&E	1,909.66	(1,909.66)	0.00
910601	RDT&E	1,909.66	(1,909.66)	0.00

The total value of the order is hereby increased from \$632,059.92 by \$0.00 to \$632,059.92.

CLIN/SLIN	From (\$)	By (\$)	To (\$)
7104	49,469.45	1,426.84	50,896.29
7105	40,459.20	1,909.66	42,368.86
7106	49,469.45	1,909.66	51,379.11
9104	2,586.71	(1,426.84)	1,159.87
9105	1,909.66	(1,909.66)	0.00
9106	1,909.66	(1,909.66)	0.00

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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
7001	R425	Task 1 - NIEM IEPD and Artifacts (RDT&E)	1.0	LO			\$174,867.91
7002	R425	Task 2 - Modify NIEM IEPD and Artifacts (RDT&E)	1.0	LO			\$89,692.17
7003	R425	Task 3 - Modify SEIWG-0101C Interoperability Standard (RDT&E)	1.0	LO			\$69,166.82
7004	R425	Task 4 - SEIWG Test & Analysis (RDT&E)	1.0	LO			\$48,547.16
700401	R425	Task 4 - SEIWG Test & Analysis (RDT&E)					
7005	R425	Task 5 - Modify SEIWG Test Scripts and Test Procedures (RDT&E)	1.0	LO			\$39,704.90
700501	R425	Task 5 - Modify SEIWG Test Scripts and Test Procedures (RDT&E)					
7006	R425	Task 6 - SEIWG SIV-T Software Support (RDT&E)	1.0	LO			\$48,547.16
700601	R425	Task 6 - SEIWG SIV-T Software Support (RDT&E)					
7101	R425	Task 1 - NIEM IEPD and Artifacts (RDT&E) Option	1.0	LO			\$178,190.01
7102	R425	Task 2 - Modify NIEM IEPD and Artifacts (RDT&E) Option	1.0	LO			\$91,396.12
7103	R425	Task 3 - Modify SEIWG-0101C Interoperability Standard (RDT&E) Option	1.0	LO			\$70,480.83
7104	R425	Task 4 - SEIWG Test & Analysis (RDT&E)	1.0	LO			\$50,896.29
710401	R425	ACRN: AC PR:1300735635 Funding Doc: HQ6428591-01 Funds Expire: 9/30/2019 NWA: 100001363019-0010 (RDT&E)					
7105	R425	Task 5 - Modify SEIWG Test Scripts and Test Procedures (RDT&E)	1.0	LO			\$42,368.86
710501	R425	ACRN: AC PR:1300735635 Funding Doc: HQ6428591-01 Funds Expire: 9/30/2019 NWA: 100001363019-0010 (RDT&E)					
7106	R425	Task 6 - SEIWG SIV-T Software Support (RDT&E)	1.0	LO			\$51,379.11

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
710601	R425	ACRN: AC PR:1300735635 Funding Doc: HQ6428591-01 Funds Expire: 9/30/2019 NWA: 100001363019-0010 (RDT&E)					
7201	R425	Task 1 - NIEM IEPD and Artifacts (RDT&E) Option	1.0	LO			\$181,599.62
7202	R425	Task 2 - Modify NIEM IEPD and Artifacts (RDT&E) Option	1.0	LO			\$93,144.95
7203	R425	Task 3 - Modify SEIWG-0101C Interoperability Standard (RDT&E) Option	1.0	LO			\$71,829.46
7204	R425	Task 4 - SEIWG Test & Analysis (RDT&E) Option	1.0	LO			\$50,416.03
7205	R425	Task 5 - Modify SEIWG Test Scripts and Test Procedures (RDT&E) Option	1.0	LO			\$41,233.38
7206	R425	Task 6 - SEIWG SIV-T Software Support (RDT&E) Option	1.0	LO			\$50,416.03
7301	R425	Task 1 - NIEM IEPD and Artifacts (RDT&E) Option	1.0	LO			\$185,144.41
7302	R425	Task 2 - Modify NIEM IEPD and Artifacts (RDT&E) Option	1.0	LO			\$94,963.12
7303	R425	Task 3 - Modify SEIWG-0101C Interoperability Standard (RDT&E) Option	1.0	LO			\$73,231.56
7304	R425	Task 4 - SEIWG Test & Analysis (RDT&E) Option	1.0	LO			\$51,400.14
7305	R425	Task 5 - Modify SEIWG Test Scripts and Test Procedures (RDT&E) Option	1.0	LO			\$42,038.25
7306	R425	Task 6 - SEIWG SIV-T Software Support (RDT&E) Option	1.0	LO			\$51,400.14
7401	R425	Task 1 - NIEM IEPD and Artifacts (RDT&E) Option	1.0	LO			\$188,847.29

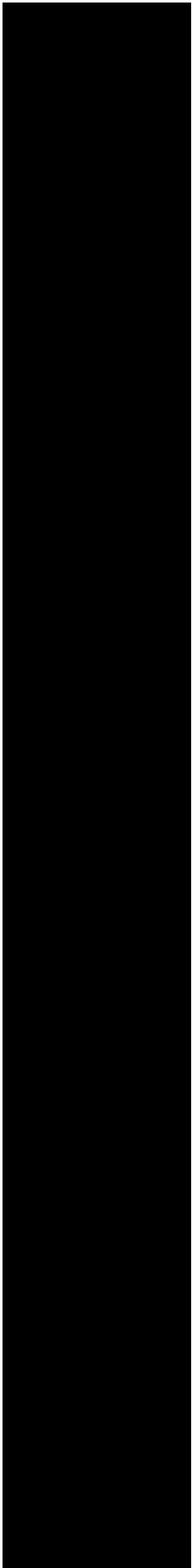
Item	PSC	Supplies/Services	Qty	Unit	CPFF
7402	R425	Task 2 - Modify NIEM IEPD and Artifacts (RDT&E) Option	1.0	LO	\$96,862.39
7403	R425	Task 3 - Modify SEIWG-0101C Interoperability Standard (RDT&E) Option	1.0	LO	\$74,696.19
7404	R425	Task 4 - SEIWG Test & Analysis (RDT&E) Option	1.0	LO	\$52,428.14
7405	R425	Task 5 - Modify SEIWG Test Scripts and Test Procedures (RDT&E) Option	1.0	LO	\$42,879.01
7406	R425	Task 6 - SEIWG SIV-T Software Support (RDT&E) Option	1.0	LO	\$52,428.14

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9001	R425	ODC in support of CLIN 7001 (RDT&E)	1.0	LO	
9002	R425	ODC in support of CLIN 7002 (RDT&E)	1.0	LO	
9003	R425	ODC in support of CLIN 7003 (RDT&E)	1.0	LO	
9004	R425	ODC in support of CLIN 7004 (RDT&E)	1.0	LO	
9005	R425	ODC in support of CLIN 7005 (RDT&E)	1.0	LO	
900501	R425	ODC in support of CLIN 7005 (RDT&E)			
9006	R425	ODC in support of CLIN 7006 (RDT&E)	1.0	LO	
900601	R425	ODC in support of CLIN 7006 (RDT&E)			
9101	R425	ODC in support of CLIN 7101 (RDT&E) Option	1.0	LO	
9102	R425	ODC in support of CLIN 7102 (RDT&E) Option	1.0	LO	
9103	R425	ODC in support of CLIN 7103 (RDT&E) Option	1.0	LO	
9104	R425	ODC in support of CLIN 7104 (RDT&E)	1.0	LO	
910401	R425	ACRN: AC PR:1300735635 Funding Doc: HQ6428591-01 Funds Expire: 9/30/2019 NWA: 100001363019-0010 (RDT&E)			
9105	R425	ODC in support of CLIN 7105 (RDT&E)	1.0	LO	
910501	R425	ACRN: AC PR:1300735635 Funding Doc: HQ6428591-01 Funds Expire: 9/30/2019 NWA: 100001363019-0010 (RDT&E)			

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Item	PSC	Supplies/Services	Qty	Uni
9106	R425	ODC in support of CLIN 7106 (RDT&E)	1.0	LO
910601	R425	ACRN: AC PR:1300735635 Funding Doc: HQ6428591-01 Funds Expire: 9/30/2019 NWA: 100001363019-0010 (RDT&E)		
9201	R425	ODC in support of CLIN 7201 (RDT&E) Option	1.0	LO
9202	R425	ODC in support of CLIN 7202 (RDT&E) Option	1.0	LO
9203	R425	ODC in support of CLIN 7203 (RDT&E) Option	1.0	LO
9204	R425	ODC in support of CLIN 7204 (RDT&E) Option	1.0	LO
9205	R425	ODC in support of CLIN 7205 (RDT&E) Option	1.0	LO
9206	R425	ODC in support of CLIN 7206 (RDT&E) Option	1.0	LO
9301	R425	ODC in support of CLIN 7301 (RDT&E) Option	1.0	LO
9302	R425	ODC in support of CLIN 7302 (RDT&E) Option	1.0	LO
9303	R425	ODC in support of CLIN 7303 (RDT&E) Option	1.0	LO
9304	R425	ODC in support of CLIN 7304 (RDT&E) Option	1.0	LO
9305	R425	ODC in support of CLIN 7305 (RDT&E) Option	1.0	LO
9306	R425	ODC in support of CLIN 7306 (RDT&E) Option	1.0	LO
9401	R425	ODC in support of CLIN 7401 (RDT&E) Option	1.0	LO
9402	R425	ODC in support of CLIN 7402 (RDT&E) Option	1.0	LO
9403	R425	ODC in support of CLIN 7403 (RDT&E) Option	1.0	LO
9404	R425	ODC in support of CLIN 7404 (RDT&E) Option	1.0	LO
9405	R425	ODC in support of CLIN 7405 (RDT&E)	1.0	LO



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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
		Option			
9406	R425	ODC in support of CLIN 7406 (RDT&E)	1.0	LO	\$ [REDACTED]
		Option			

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:

ITEM(S)	ALLOTTED TO COST	ALLOTTED TO FEE	ESTIMATED PERIOD OF PERFORMANCE
7004	[REDACTED]	[REDACTED]	11/03/2017 - 11/02/2018
7005	[REDACTED]	[REDACTED]	11/03/2017 - 11/02/2018
7006	[REDACTED]	[REDACTED]	11/03/2017 - 11/02/2018

(b) The parties contemplate that the Government will allot additional amounts to this contract from time to time for the incrementally funded CLINs/SLINs by unilateral contract modification, and any such modification shall state separately the amount(s) allotted for cost, the amount(s) allotted for fee, the CLINs/SLINs covered thereby, and the period of performance which the amount(s) are expected to cover.

(c) CLINs/SLINs 9004 are fully funded and performance under these CLINs/SLINs is subject to the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20).

(d) The Contractor shall segregate costs for the performance of incrementally funded CLINs/SLINs from the costs of performance of fully funded CLINs/SLINs.

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

SECTION C – DESCRIPTION/SPECS/WORK STATEMENT

SHORT TITLE: SEIWG Interoperability Standard Support

SPECIFICATIONS/STATEMENT OF WORK/PERFORMANCE WORK STATEMENT

Work under this performance-based Task order (TO) 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):

1.0 PURPOSE

1.1 BACKGROUND

This TO is a continuation of lifecycle evolution of developing and modernizing joint physical security equipment interoperability standards and associated verification software application, test scripts and test documentation support previously provided under Space and Naval Warfare Systems Center Atlantic (SPAWARSSYSCEN Atlantic or SSC Atlantic) contract N65236-12-D-4812.

1.2 SCOPE

This PWS covers Research, Development, Test & Evaluation (RDT&E), and engineering, technical, and management support services for Security Equipment Integration Working Group (SEIWG) Interoperability Standards Support.

This TO will be funded with multiple appropriations as delineated on specified contract line item numbers (CLINs). The TO period of performance spans one (1) base year and four (4) option years. The applicable 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.

2.0 APPLICABLE DOCUMENTS (AND DEFINITIONS)

The contractor shall ensure all work accomplished on the Task Order (TO) utilizes the best commercial practices and current acceptable industry standards. The applicable references and standards invoked will vary within individual tasks. 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 TO.

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.

	Document Number	Title
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a.	DoD 5200.2-R	DoD Regulation – Personnel Security Program dtd Jan 87
b.	DoDM 5200.01	DoD Manual – Information Security Program Manual dtd 24 Feb 12
c.	DoDD 5205.02E	DoD Directive – Operations Security (OPSEC) Program dtd 20 Jun 12
d.	DoD 5205.02-M	DoD Manual – Operations Security (OPSEC) Program Manual dtd 3 Nov 08
e.	DoD 5220.22-M	DoD Manual – National Industrial Security Program Operating Manual (NISPOM) dtd 28 Feb 06
f.	DoDI 5220.22	DoD Instruction – National Industrial Security Program dtd 18 Mar 11
g.	deleted	
h.	DoDI 8500.01	DoD Instruction – Cybersecurity dtd 14 Mar 14
i.	DoDI 8510.01	DoD Instruction – Risk Management Framework (RMF) for DoD Information Technology (IT) dtd 12 Mar 14
j.	DoD 8570.01-M	Information Assurance Workforce Improvement Program dtd 19 Dec 05 with Change 3 dtd 24 Jan 12
k.	DoDD 8570.01	DoD Directive – Information Assurance Training, Certification, and Workforce Management dtd 15 Aug 04
l.	SECNAV M-5239.2	DoN Information Assurance Workforce Management Manual dtd May 2009
m.	SECNAV M-5510.30	Secretary of the Navy Manual – DoN Personnel Security Program dtd Jun 2006
n.	SECNAVINST 4440.34	Secretary of the Navy Instruction – Implementation of Item Unique Identification within the DoN, dtd 22 Dec 09
o.	SECNAVINST 5239.3B	DoN Information Assurance Policy, 17 Jun 09
p.	SECNAVINST 5510.30	DoN Regulation – Personnel Security Program
q.	SPAWARINST 3432.1	SPAWAR Instruction – Operations Security (OPSEC) Policy dtd 2 Feb 05
r.	deleted	
s.	SPAWARINST 5721.1B	SPAWAR Section 508 Implementation Policy, 17 Nov 09
t.	deleted	
u.	deleted	

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.

Document Number	Title
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	Document Number	Title
a.	MIL-HDBK-61A	Configuration Management
b.	MIL-STD-130N	DoD Standard Practice – Identification Marking of US Military Property
c.	MIL-STD-1916	DoD Test Method Standard – DoD Preferred Methods for Acceptance Of Product
d.	DoDI 4161.02	DoD Instruction – Accountability and Management of Government Contract Property, 27 Apr 12
e.	DoDD 5000.01	DoD Directive – The Defense Acquisition System
f.	DoDI 5000.02	DoD Instruction – Operation of the Defense Acquisition System
g.	ISO/IEC 12207	International Organization for Standardization/ International Electrotechnical Commission: Systems and Software Engineering – Software Life Cycle Processes
h.	IEEE Std 12207-2008	Systems and Software Engineering – Software Life Cycle Processes
i.	HSPD-12	Homeland Security Presidential Directive – Policy for a Common Identification Standard for Federal Employees and Contractors, August 27, 2004
j.	DoDM-1000.13-M-V1	DoD Manual – DoD Identification Cards: ID card Life-Cycle dtd 23 Jan 14
k.	FIPS PUB 201-2	Federal Information Processing Standards Publication 201-2 – Personal Identity Verification (PIV) of Federal Employees and Contractors, August 2013
l.	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
m.	N/A	SSC Atlantic Contractor Check-in portal – https://wiki.spawar.navy.mil/confluence/display/SSCACOG/Contractor+Checkin
n.	SEIWG-0101C	Command and Control Display Equipment (CCDE) Information Interchange Using XML, dtd December 2013
o.	SEIWG-0101C TP	SEIWG-0101C Test Procedures, December 2013
p.	SEIWG-0101C TS	SEIWG-0101C Test Scripts, December 2013
q.	SEIWG-0300	Force Protection Systems Command and Control Information Interchange, January 2012
r.	SEIWG SIV-T	SEIWG Interoperability Verification Tool (SIV-T), dtd 2014.11.17
s.	SEIWG SIV-T SUM	Software User Manual for the SIV-T, dtd 2014.11.17
t.	SEIWG SIV-T SPS	SIV-T Software Product Specification (SPS), December 2013
u.	SEIWG-NIEM-IEPD	SEIWG National Information Exchange Model (NIEM) Information Exchange Package Documentation (IEPD)

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

Copies of Federal Specifications can 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 can 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.

Guidance Documents 2.2.n through 2.2.u are controlled documents and will be provided as Government Furnished Information at the time the Request for Proposal (RFP) is issued. They will be sent to the designated contractor representative via secure file transfer. The designated contractor representative shall be responsible for distribution within the contractor's organization. The contractor shall maintain/control these documents as For Official Use Only Distribution Statement C as follows "Distribution authorized to U.S. Government agencies and their contractors, for Administrative and Operational Use, 24 December 2008. Other requests for these documents as they pertain to this task order shall be submitted in writing to the SSC Atlantic, Code 2.0, contracting office representative identified in the RFP. The contractor is not authorized to share or grant access to these documents outside of the contractor's authorized employees.

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 TO life. The contractor shall provide necessary resources and knowledge to support the listed tasks. Specific objectives will be dependent on the TO. The contractor shall complete all required tasks while controlling and tracking performance and goals in terms of costs, schedules, and resources.

3.1. RELEVANT EXPERIENCE

The following task is supporting RDT&E of SEIWG products in the Base Year and Option Years 1-4.

This TO requires the contractor to have specific in-depth experience in developing, updating or modernizing Extensible Markup Language (XML) messaging and information exchanges that are applied by DoD Joint Service's Force Protection Systems (FPS) and Physical Security Equipment (PSE).

3.1.1 Force Protection Systems (FPS) and Physical Security Equipment (PSE)

The contractor shall provide functional and technical expertise supporting a wide range of DoD Joint Service FPS and PSE platform and device types that include:

- Two State Sensors
- Line of Detection Devices
- Wide Area Detection Sensors
- Video Motion Detection
- Explosive Detection
- Mobile Surveillance/Assessment Systems

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Fixed Surveillance/Assessment Devices
 Delay/Denial Systems
 Remotely Controlled Systems
 Mass Notification Systems
 Access Control Systems
 Command Control Display Equipment (CCDE)-to-CCDE Communications

3.1.2 Programs and Initiatives

The contractor shall provide expertise supporting and complying with DoD Physical Security Enterprise & Analysis initiatives. Such programs and initiatives include:

- National Information Exchange Model (NIEM) Core, Information Exchange Package Documentation (IEPDs) and the NIEM Military Operations (MilOps) Domain interoperability
- Security Equipment Integration Working Group Interoperability products
- Service/component FPS and PSE implementations of interoperability standards and specifications

3.2. PROJECT MANAGEMENT

The following task is supporting RDT&E of SEIWG products in the Base Year and Option Years 1-4.

3.2.1 Project Management (PM) Support

The contractor shall work closely with the SSC Atlantic COR supporting the awarded TO. As cited in this TO PWS, general PM support activities include coordination of meetings, preparing budget drills, developing agenda items, attending at high-level meetings, generating minutes, and tracking action items. Other PM support may require a contractor to recommend policies, doctrine, tactics, and procedures at the Federal, State, and Local level given their past expert opinion or using analysis of actual outcomes. PM support may require close coordination and interface with various DOD and non-DOD activities located in Continental United States (CONUS).

3.2.2 Project Management Documentation

For the general PM support activities identified in para 3.2.1, the contractor shall develop and draft general PM documents (CDRL A001). Unless otherwise specifically stated elsewhere within this PWS, the contractor shall deliver the PM documentation as an editable, electronic transmission within five (5) business days after occurrence of the general PM support activity.

3.3. SYSTEMS ENGINEERING SUPPORT

The following task is supporting RDT&E of SEIWG products in the Base Year and Option Years 1-4.

3.3.1 Research, Analysis, Planning and Preparation

The contractor shall research, analyze and translate information exchange and interoperability solutions into qualitative and quantitative technical requirements to allow for planning and project start-up, including analysis, identification of requirements, statement of existing information exchange and interoperability solutions, considerations and comparisons of candidate solutions, recommendations, scheduling and implementation schedule, work breakdown structures, and cost. The contractor shall generate project management planning documents that will become the basis for further project management.

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3.3.1.1 Research involves investigation of existing and proposed functions of FPS and PSE mission requirements, existing capabilities, information exchange specifications/ limitations, problem areas, interoperability requirements, and special considerations.

3.3.1.2 Analysis includes evaluation of requirements derived from data gathered. It also includes considerations and comparisons of candidate solutions, discussing the advantages and disadvantages of the systems/equipment/technologies explained above.

3.3.1.3 Planning and Preparation includes the implementation schedule; presenting a systematic and integrated approach to accomplishing new development and update existing solutions. Cost data will provide the procuring activity with estimated budgetary information for planning purposes.

3.3.2 Technology Investigations

The contractor shall investigate apparent information exchange and interoperability solutions to problems in the FPS and PSE technology area and compare these solutions to the technical requirements of this TO. The contractor shall:

3.3.2.1 Obtain and review public, Government, and privately held literature.

3.3.2.2 Obtain technical expertise and recommendations from experts, both inside and outside the Government, including private industry, colleges and universities, and international experts.

3.3.2.3 Prove how the possible solutions fulfill the technical requirements.

3.3.3 Research and Development (R&D)

The contractor shall support the development and application of scientific and analytical disciplines to conduct fundamental research; scientific study and experimentation directed toward advancing the state-of-the-art or increasing knowledge or understanding; assessment of information exchange and interoperability solutions and requirements; development, analysis and evaluation of concepts and technologies.

3.4 TASK 1 – DEVELOP NATIONAL INFORMATION EXCHANGE MODEL (NIEM) INFORMATION EXCHANGE PACKAGE DOCUMENTATION (IEPD) AND NIEM ARTIFACTS

The following task is supporting RDT&E of SEIWG products in the Base Year and Option Years 1-4.

3.4.1 The Contractor shall perform support services to develop NIEM IEPD and NIEM artifacts and shall complete the task within twelve (12) months of TO award (ND-1). For estimating purposes, the Contractor shall support three (3) each, two (2) day technical meetings at one of the potential travel locations (i.e., either Charleston, SC; Destin, FL; Washington, DC; or San Diego, CA) and develop presentation charts (CDRL A002) prior to each meeting. For estimating purposes, Washington, DC travel and per diem costs are used as the basis for the not-to-exceed (NTE) travel amount in the Independent Government Estimate (IGE). The Contractor shall develop Technical Interchange Meeting Report (CDRL A003) documenting the technical subjects, considerations, actions, recommendations, and findings/results for each meeting.

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3.4.2 The contractor shall support the following responsibilities/requirements:

- Provide Technical, Analytical and Systems Engineering services and perform comprehensive assessments through meetings and interviews to develop a NIEM IEPD and data map, and NIEM artifacts (CDRL A004)
- Utilize the most current edition of the NIEM specification in the development of the NIEM IEPD and NIEM artifacts.
- Rely on and apply their own knowledge and expertise gained through SEIWG interoperability standards development, and relevant experience required by para 3.1 in the development of the NIEM IEPD and NIEM artifacts.
- Develop the NIEM IEPD in a phased approach which encompasses:
 - PSE/FPS message-to-NIEM Data Map
 - Build and Validate Subset Schema – subset of the full NIEM schema; zipped directory of schemas (to distinguish from other schemas) type=xsd.
 - Build and Validate Wantlist - subset requirements generated and used by Schema Subset Generator Tool (SSGT) type = xml.
 - Build and Validate Exchange Schema – base (xml root) document; document schema, reference schema, root schema.
 - Assemble and Document IEPD Master Document. Package that may include purpose, business requirements, what, when, why, how to, etc.; some of these items may be explicit additions to metadata.
 - Assemble and Document IEPD Catalog/manifest – list of artifacts in this IEPD; machine readable; portable format; browser displayable.
 - Assemble and Document IEPD Metadata – all metadata registered with this IEPD type =xml, xhtml.
 - Assemble and Document sample XML Instances.
 - Assemble and validate Change Log – For an initial IEPD, simply record its creation date. For revisions and updates, record the cumulative changes from previous IEPD versions.
- The contractor shall utilize the Government provided NIEM IEPD Comment Resolution Matrix (CRM) to record their answers, clarification and details in response to any Government comments and questions. The Contractor shall make additions and modifications to the NIEM IEPD CRM content on an ad hoc basis. The Contractor shall deliver the completed/ revised NIEM IEPD CRM (CDRL A005).
- The Contractor shall plan and perform a presentation of all aspects of the NIEM IEPD and NIEM artifact(s) at one of the potential travel locations (ie. either Charleston, SC; Destin, FL; Washington, DC; or San Diego, CA). For estimating purposes, Washington, DC travel and per diem costs are used as the basis for the not-to-exceed (NTE) travel amount in the IGE. The presentation shall use Contractor developed Presentation Charts (CDRL A002). The presentation shall include:
 - an overview of the IEPD development process with a specific focus on the products generated during the IEPD and artifact development process
 - a demonstration of the NIEM software tools employed during the IEPD and artifact development process
 - an overview and demonstration of any validation techniques used and the results achieved
 - if relevant, an overview and demonstration of any message transformation process based on Extensible Stylesheet Language Transformation (XSLT) files and an Extensible Stylesheet Language (XSL) processor

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- The Contractor shall provide services to perform a review of the most current edition of the NIEM specification, and compare the NIEM Core requirements and those of the final NIEM IEPD and NIEM artifact(s) (CDRL A004) deliverable. The review shall identify new requirements, areas where the NIEM IEPD and NIEM artifact(s) deliverable is not compliant with NIEM Core and include recommendations and actions needed to achieve NIEM Core compliance. The Contractor shall document the results in a NIEM Harmonization Report (CDRL A006).

- During the SEIWG's preparations to publicly release the NIEM IEPD and NIEM artifact(s), the contractor shall support questions and answers from the SEIWG Joint Service Representatives.

3.4.3 Deliverable(s)

The Contractor shall deliver presentation charts (CDRL A002) two (2) business days prior to each technical meeting. Editable electronic copy shall be submitted using Microsoft® Power Point electronic data format compatible with the current SPAWARSSYSCEN Atlantic Microsoft® Office Package.

The Contractor shall deliver a Technical Interchange Meeting Report (CDRL A003) within five (5) business days following completion of each technical meeting. Editable electronic copy shall be submitted using Microsoft® Word electronic data format compatible with the current SPAWARSSYSCEN Atlantic Microsoft® Office Package.

The Contractor shall submit CDRLs A002 and A003 electronically to the SSC Atlantic COR at the address stated in paragraph 5.0.

The Contractor shall deliver a NIEM IEPD including a Data Map and NIEM artifact(s) (CDRL A004) that fully align(s) to functional and technical requirements of the PSE/FPS message exchanges and contains all relevant artifacts listed in the most current edition of the NIEM specification. With IEPD development, the deliverable shall include a message-to-NIEM data map. The Contractor shall submit the deliverable in a phased/review approach (e.g. Data Map, Build and Validate, then Assemble and Document) with drafts due based on the approved POA&M and to achieve delivery within twelve (12) months of TO award. The Government will perform a fifteen (15) day quality control review of deliverables for each phase. Revisions are due within 30 calendar days after receipt of Government comments.

The Contractor shall deliver an updated NIEM IEPD CRM (CDRL A005) based on the approved POA&M and in the same format as that when provided to the contractor as GFI. Delivery shall be via Secure File Transfer and shall be delivered in conjunction with each of the phased NIEM IEPD development deliverables.

The Contractor shall deliver a NIEM Harmonization Report (CDRL A006) with the final draft deliverable of CDRL A004, which documents all harmonization opportunities with the NIEM MilOps Domain and NIEM Core content. Editable electronic copy shall be submitted using Microsoft® Word electronic data format compatible with the current SPAWARSSYSCEN Atlantic Microsoft® Office Package.

3.5 TASK 2 – MODIFY NIEM IEPD AND NIEM ARTIFACTS

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The following task is supporting RDT&E of SEIWG products in the Base Year and Option Years 1-4.

3.5.1 The Contractor shall perform support services to modify a NIEM IEPD and NIEM artifacts and shall complete the task within seven (7) months of TO award (ND-2). For estimating purposes, the Contractor shall support two (2) each, two (2) day technical meetings at one of the potential travel locations (i.e., either Charleston, SC; Destin, FL; Washington, DC; or San Diego, CA) and develop presentation charts (CDRL A002) prior to each meeting. For estimating purposes, Washington, DC travel and per diem costs are used as the basis for the not-to-exceed (NTE) travel amount in the IGE. The Contractor shall develop Technical Interchange Meeting Report (CDRL A003) documenting the technical subjects, considerations, actions, recommendations, and findings/results for each meeting.

3.5.2 The contractor shall support the following responsibilities/requirements:

- Provide Technical, Analytical and Systems Engineering services and perform comprehensive assessments through meetings and interviews to modify a NIEM IEPD and NIEM artifact(s) (CDRL A007) to support PSE/FPS message exchanges.
- Utilize the most current edition of the NIEM specification in the modification of the NIEM IEPD and NIEM artifact(s).
- Rely on their own knowledge and expertise gained through SEIWG interoperability standards development, and relevant experience required by para 3.1 in the modification of the NIEM IEPD and NIEM artifact(s).
- Develop a Modification Report (CDRL A008) to identify requirements, tasks and subtasks; identify any pre-requisite tasks that are to be provided by others or Government Furnished; and identify all dependencies needed to develop recommendations to modify the NIEM IEPD and artifact(s). The Government shall review the delivered CDRL A008 and provide comments to the contractor within ten (10) business days.
- Perform the NIEM IEPD and artifact(s) modification in a phased approach which encompasses an initial deliverable and a final deliverable (CDRL A007). The Government shall review the initial CDRL A007 and provide comments to the contractor. The final deliverable shall address and correct any issues previously identified by the Government.
- The contractor shall utilize the Government provided NIEM IEPD Modification CRM to record their answers, clarification and details in response to any Government comments and questions. The Contractor shall make additions or modifications to the NIEM IEPD Modification CRM content on an ad hoc basis. The Contractor shall deliver the completed/ revised NIEM IEPD Modification CRM (CDRL A009).
- The Contractor shall plan and perform a presentation of all aspects of the NIEM IEPD and NIEM artifact(s) modification at one of the potential travel locations (i.e., either Charleston, SC; Destin, FL; Washington, DC; or San Diego, CA). For estimating purposes, Washington, DC travel and per diem costs are used as the basis for the NTE travel amount in the IGE. The presentation shall use Contractor developed Presentation Charts (CDRL A002). The presentation shall include:
 - an overview of the IEPD and artifact(s) modification process with a specific focus on the products modified
 - a demonstration of any NIEM software tools employed during the modification process

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- an overview and demonstration of any validation techniques used and the results achieved
- if relevant, an overview and demonstration of any message transformation process based on XSLT files and an XSL processor

- The Contractor shall provide services to perform a review of the most current edition of the NIEM specification, and compare the NIEM Core requirements and those of the modified NIEM IEPD or artifact(s) (CDRL A007) deliverable. The review shall identify new requirements, areas where the NIEM IEPD or artifact(s) deliverable is not compliant with NIEM Core and include recommendations and actions needed to achieve NIEM Core compliance. The Contractor shall document the results in a NIEM Harmonization Report (CDRL A006).

- During the SEIWG's preparations to publicly release the NIEM IEPD or NIEM artifact(s), the contractor shall support questions and answers from the SEIWG Joint Service Representatives.

3.5.3 Deliverable(s)

The Contractor shall deliver presentation charts (CDRL A002) two (2) business days prior to each technical meeting. Editable electronic copy shall be submitted using Microsoft® Power Point electronic data format compatible with the current SPAWARSSYSCEN Atlantic Microsoft® Office Package.

The Contractor shall deliver a Technical Interchange Meeting Report (CDRL A003) within five (5) business days following completion of each technical meeting. Editable electronic copy shall be submitted using Microsoft® Word electronic data format compatible with the current SPAWARSSYSCEN Atlantic Microsoft® Office Package.

The Contractor shall submit CDRLs A002 and A003 electronically to the SSC Atlantic COR at the address stated in paragraph 5.0.

The Contractor shall deliver a Modification Report (CDRL A008) to identify requirements, tasks and subtasks; identify any pre-requisite tasks that are to be provided by others or Government Furnished; and identify all dependencies needed to complete the modification of the NIEM IEPD and artifact(s) within twenty (20) days of TO award. Editable electronic copy shall be submitted using Microsoft® Word electronic data format compatible with the current SPAWARSSYSCEN Atlantic Microsoft® Office Package.

The Contractor shall deliver a modified NIEM IEPD and NIEM artifact(s) (CDRL A007) that fully align(s) to functional and technical requirements of the PSE/FPS message exchanges and contains all relevant artifacts listed in the most current edition of the NIEM specification. The deliverable shall be submitted in a phased approach with drafts due based on the approved POA&M to achieve delivery within seven (7) months of TO award. The Government will perform a fifteen (15) day quality control review of deliverables for each phase. Revisions are due within 30 calendar days after receipt of Government comments.

The Contractor shall deliver a NIEM Harmonization Report (CDRL A006) with the final draft deliverable of CDRL A004, which documents all harmonization opportunities with the NIEM MilOps Domain and NIEM Core content. Editable electronic copy shall be submitted using Microsoft® Word electronic data format compatible with the current SPAWARSSYSCEN Atlantic Microsoft® Office Package.

The Contractor shall deliver an updated NIEM IEPD Modification CRM (CDRL A009) based on the

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approved POA&M and in the same format as that when provided to the contractor as GFI. Delivery shall be via Secure File Transfer and shall be delivered in conjunction with each of the phased NIEM IEPD modification deliverables.

3.6 TASK 3 – MODIFY SEIWG-0101C INTEROPERABILITY STANDARD

The following task is supporting RDT&E of SEIWG products in the Base Year and Option Years 1-4.

3.6.1 The Contractor shall perform support services to modify the SEIWG-0101C Interoperability Standard and shall complete within six (6) months of TO award (ND-3). There are no travel requirements for this task.

3.6.2 The contractor shall support the following responsibilities/requirements:

- Provide Technical, Analytical and Systems Engineering services to the SEIWG and perform comprehensive assessments through meetings and interviews with the SSC Atlantic COR to further refine requirements needed to modify SEIWG-0101C.
- Document all resultant findings in a Modification Report (CDRL A008) to identify requirements, tasks and subtasks; identify any pre-requisite tasks that are to be provided by others or Government Furnished; and identify all dependencies. The Government shall review the delivered CDRL A008 and provide comments to the contractor within ten (10) business days.
- Use the most recent version of the SEIWG-0101C [Ref. 2.2.n] and comments from the Government provided to the Contractor by the SEIWG as foundational references.
- The contractor shall utilize the Government provided SEIWG-0101C Comment Resolution Matrix (CRM) to record their answers, clarification and details in response to any Government comments and questions. The Contractor shall make additions and modifications to the SEIWG-0101C CRM content on an ad hoc basis. The Contractor shall deliver the completed/revised SEIWG-0101C CRM (CDRL A010).
- Rely on their own expertise gained through prior interoperability standards development and real world experience with Physical Security Equipment/Force Protection systems and sensors and associated XML communication.
- Generate a modified version of SEIWG-0101C and XML schema (CDRL A011) that addresses all SEIWG-0101C comments identified in the SEIWG-0101C CRM (CDRL A010) and corrects any issues previously identified by the Government. The deliverable shall be a modified version of the fully prescriptive (non-ambiguous) version of the SEIWG-0101C interoperability standard with testable requirements to support compliance testing. The most recent SEIWG-0101C and XML schema will be provided to the Contractor as GFI. The SEIWG-0101C deliverable shall include a “track changes” version of the document to track the changes from the version provided as GFI or previous deliverable version. The deliverable shall also include a “changes accepted” version of the same document.
- The modified interoperability standard shall include a data dictionary defining the name, purpose, reason for transmission, and resulting actions of each message, as well as the name, definition, children,

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parents, type, domain, units, and validation rules for each data element.

3.6.3 Deliverable(s)

The Contractor shall deliver a Modification Report to identify requirements, tasks and subtasks; identify any pre-requisite tasks that are to be provided by others or Government Furnished; and identify all dependencies needed to update the SEIWG-0101C interoperability standard (CDRL A008) within twenty (20) days of TO award. Editable electronic copy shall be submitted using Microsoft® Word electronic data format compatible with the current SPAWARSYSCEN Atlantic Microsoft® Office Package.

The Contractor shall deliver an updated SEIWG-0101C CRM (CDRL A010) based on the approved POA&M and in the same format as that when provided to the contractor as GFI. Delivery shall be via Secure File Transfer and shall be delivered in conjunction with each of the SEIWG-0101C update deliverables.

The Contractor shall deliver a final version of the modified SEIWG-0101C interoperability standard and XML Schema (CDRL A011) in the same format as that when provided to the contractor as GFI. The deliverable shall be submitted with drafts due based on the approved POA&M to achieve final delivery within six (6) months of TO award. The contractor shall allow the Government a ten (10) day review period to review and perform quality control of deliverables. Revisions are due within fifteen (15) calendar days after receipt of Government comments.

3.7 TASK 4 – SEIWG TEST AND ANALYSIS

The following task is supporting RDT&E of SEIWG products in the Base Year and Option Years 1-4.

3.7.1 The Contractor shall perform support services for test and analysis and shall complete within five (5) months of TO award (ND-4). For estimating purposes, the Contractor shall support one (1), three (3) day test and analysis activity at one of the potential travel locations (ie., either Charleston, SC; Destin, FL; Washington, DC; or San Diego, CA). For estimating purposes, Washington, DC travel and per diem costs are used as the basis for the NTE travel amount in the IGE.

3.7.2 The contractor shall support the following responsibilities/requirements:

- Preparatory activities to include review of specific test activity test plan, test scripts and test procedures in advance of each test and analysis activity. The Contractor shall develop presentation charts (CDRL A002) documenting the tasks and subtasks to be performed for each Test and Analysis activity.

- Test and analysis activities for Physical Security Equipment to determine conformance with SEIWG Interoperability Standards. Utilize the SIV-T, as it pertains to SEIWG Certification, Verification and Validation (CVV). Utilize existing SEIWG test scripts and test procedures or modified/tailored SEIWG test scripts and test procedures.

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- Analysis and review of test results including SIV-T test logs, and document findings to include determination of conformance with SEIWG Interoperability Standards and impact(s) on SEIWG Interface Control Documents and Interoperability Standards.

- The Contractor shall develop a Test and Analysis Report (CDRL A012) documenting the tasks and subtasks performed and findings/results for each instance of Test and Analysis activity.

3.7.3 Deliverable(s)

The Contractor shall deliver presentation charts (CDRL A002) two (2) business days prior to each Test and Analysis Activity. Editable electronic copy shall be submitted using Microsoft® Power Point electronic data format compatible with the current SPAWARSYSCEN Atlantic Microsoft® Office Package.

The Contractor shall deliver a Test and Analysis Report (CDRL A012) within fifteen (15) business days following completion of each Test and Analysis Activity to achieve complete delivery within five (5) months of TO award. Editable electronic copy shall be submitted using Microsoft® Word electronic data format compatible with the current SPAWARSYSCEN Atlantic Microsoft® Office Package.

The Contractor shall submit CDRLs A002 and A012 electronically to the SSC Atlantic COR at the address stated in paragraph 5.0.

3.8 TASK 5 – MODIFY SEIWG TEST SCRIPTS AND TEST PROCEDURES

The following task is supporting RDT&E of SEIWG products in the Base Year and Option Years 1-4.

3.8.1 The Contractor shall perform support services for the modification of SEIWG test scripts and test procedures and shall complete within six (6) months of TO award (ND-5).

3.8.2 The contractor shall support the following responsibilities/requirements:

- Provide Software and Systems Engineering services and perform comprehensive assessments through meetings and interviews with the SSC Atlantic COR to review requirements and recommendations to modify test scripts which are used as the foundation for SEIWG CVV to test and verify conformance of physical security equipment with the SEIWG Interoperability Standards.

- The Contractor shall develop a Modification Report (CDRL A008) to identify requirements, tasks and subtasks; identify any pre-requisite tasks that are to be provided by others or Government Furnished; and

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identify all dependencies needed to develop recommendations to modify the SEIWG test scripts and test procedures. The Government shall review the delivered CDRL and provide comments to the contractor within ten (10) business days.

- The SEIWG Test Scripts and Test Procedures [Refs 2.2.o and 2.2.p] will be provided as GFI and the contractor shall modify them to ensure that they successfully support SEIWG CVV to determine physical security equipment message exchange conformance to the SEIWG Interoperability Standards.

- Based on the requirements identified through comprehensive assessments through meetings and interviews with the SSC Atlantic COR, the Contractor shall modify test scripts and test procedures for the following SEIWG device classes:

Two-State Sensors

Line of Detection Devices

Wide Area Detection Sensors

Video Motion Detection

Explosive Detection

Mobile Surveillance/Assessment Systems

Fixed Surveillance/Assessment Devices

Delay/Denial Systems

Remotely Controlled Systems

Mass Notification Systems

Access Control Systems

CCDE-to-CCDE Communications

- The Contractor shall deliver modified SEIWG Test Scripts and SEIWG Test Procedures (CDRL A013) that align with the final version of the applicable SEIWG Interoperability Standard [Refs 2.2.n].

- The Contractor shall support one (1), two (2) day demonstration of modified test scripts at one of the potential travel locations (i.e. either Charleston, SC; Destin, FL; Washington, DC; or San Diego, CA). For estimating purposes, Washington, DC travel and per diem costs are used as the basis for the not-to-exceed (NTE) travel amount in the IGE. The demonstration shall be performed within five (5) business days of CDRL A013 delivery to the Government. The demonstration shall use two instances of the SIV-T software application [Ref 2.2.r] and shall be presented to the SSC Atlantic COR who will verify proper operation.

- The Contractor shall be responsible for correcting all issues documented in the Government provided Test Scripts/Test Procedure Comment Resolution Matrix (CRM). If any issues are identified, the COR will notify the contractor via official email correspondence requesting corrective action.

- The Contractor shall deliver final SEIWG Test Scripts and Test Procedures (CDRL A013) that align

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with the final version of the applicable SEIWG Interoperability Standard [Refs 2.2.n].

- The Contractor shall utilize the Government provided Test Scripts/Test Procedure Comment Resolution Matrix (CRM) to record their answers, clarification and details in response to any Government comments and questions. The Contractor shall make additions and modifications to the Test Scripts/Test Procedure CRM content on an ad hoc basis. The Contractor shall deliver the completed/r revised Test Scripts/Test Procedure CRM (CDRL A014).

3.8.3 Deliverable(s)

The Contractor shall deliver a SEIWG test scripts / test procedures Modification Report (CDRL A008) within twenty (20) business days of TO award. Editable electronic copy shall be submitted using Microsoft® Word electronic data format compatible with the current SPAWARSYSCEN Atlantic Microsoft® Office Package.

The Contractor shall deliver modified SEIWG Test Scripts in LUA programming language format and Test Procedures (CDRL A013) within thirty (30) business days after receipt of Government review comments on CDRL A008.

The Contractor shall deliver the Final SEIWG Test Scripts in LUA programming language format and Test Procedures (CDRL A013) within fifteen (15) business days of receipt of Government comments, and no later than six (6) months of TO award.

The Contractor shall deliver an updated Test Scripts/Test Procedure CRM (CDRL A014) in the same format as that when provided to the contractor as GFI. Delivery shall be via Secure File Transfer and shall be delivered in conjunction with each Test Scripts/Test Procedure deliverable (CDRL A013).

The Contractor shall submit CDRLs A008, A013, and A014 electronically to the SSC Atlantic COR at the address stated in paragraph 5.0.

3.9 TASK 6 – SEIWG SIV-T SOFTWARE ENGINEERING SUPPORT

The following task is supporting RDT&E of SEIWG products in the Base Year and Option Years 1-4.

Software engineering includes the design, development, and documentation of software to support a specific Government requirement. The contractor shall utilize certified software and computer personnel as needed. The contractor (prime and/or subcontractor) that is responsible for leading software development efforts shall define a software development approach appropriate for the computer software

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effort to be performed under each task. The contractor shall document the approach in a Software Development Plan (SDP) (CDRL A015). The contractor shall follow this SDP for all computer software to be developed and maintained under this effort. The contractor shall develop one SDP to support the unique software requirements of this TO. The contractor shall ensure the SDP meets the criteria specified in the CDRL DD1423 using IEEE Std 12207-2008 and the TO PWS.

3.9.1 The Contractor shall perform support services for the SIV-T software which shall complete within seven (7) months of TO award (ND-6).

3.9.2 The contractor shall support the following responsibilities/requirements:

- The Contractor shall perform comprehensive assessments through meetings and interviews with the Government and develop a SIV-T software Modification Report (CDRL A008) to identify requirements, tasks and subtasks; identify any pre-requisite tasks that are to be provided by others or Government Furnished; and identify all dependencies needed to develop recommendations to modify the SIV-T software. The Government shall review the delivered CDRL A008 and provide comments to the contractor within ten (10) business days.
- The contractor shall utilize the Government provided SIV-T Comment Resolution Matrix (CRM) to record their answers, clarification and details in response to the Government's comments, requirements, and questions as a pre-requisite to updating the current version of the SEIWG SIV-T software [Ref. 2.2.r]. The Contractor shall make additions and modifications to the SIV-T CRM content on an ad hoc basis. The Contractor shall deliver the completed/revised SIV-T CRM (CDRL A016).
- In response to Government entries in the SIV-T CRM, the contractor shall perform updates to the current SEIWG SIV-T software in the form of draft SEIWG SIV-T Software (CDRL A017) deliverable. The contractor shall ensure that the following requirements are supported and are not impacted or disabled by the updates that the Contractor makes to the SIV-T Software:
 - The SIV-T validation libraries shall be updated and aligned with the most current version of SEIWG-standards which will be provided as GFI.
 - The SIV-T shall be compatible with Microsoft Windows 7© and Microsoft Windows 10© operating systems.
 - The SIV-T shall support a device ability to transmit and/or receive XML messages as described by the appropriate device tab in the SEIWG standard.
 - The SIV-T shall indicate those messages that do not comply with the chosen interoperability standard and that are not valid for the specific device being assessed for compliancy.
 - For messages that do not comply with the interoperability standard and are invalid for the device, the SIV-T shall clearly identify which part of the message is non-compliant and invalid and provide recommendations to achieve compliance, if appropriate.
 - The SIV-T shall provide operational profile compliance guidance and recommendations to the operator.
 - The SIV-T shall provide the functionality needed to support automated compliance testing of SEIWG standards such that once an operator initiates the compliance test, the tool continues to support the complete test execution with no, or minimal, additional operator interaction required.
 - The SIV-T shall include a Graphic User Interface (GUI) to facilitate installation of the tool and allow a minimally trained user to utilize the tool.
 - The SIV-T shall be suitable for posting on a website, and burning to compact disc for mailing.
 - The SIV-T shall be developed to easily allow the support of future industry requirements and additional

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Operational Profiles.

- Using two instances of the draft SEIWG SIV-T Software (CDRL A017), the Contractor shall present a SIV-T operational demonstration using applicable Test Scripts, to the SSC Atlantic COR who will verify proper operation. The contractor shall demonstrate the draft SEIWG SIV-T software (CDRL A017) deliverable using Microsoft® Windows 10 Operating System within five (5) business days of CDRL A017 delivery to the Government. The Contractor shall support one (1), two (2) day demonstration of draft SEIWG SIV-T software at one of the potential travel locations (ie. either Charleston, SC; Destin, FL; Washington, DC; or San Diego, CA). For estimating purposes, Washington, DC travel and per diem costs are used as the basis for the not-to-exceed (NTE) travel amount in the IGE.

- The Contractor shall be responsible for correcting all issues identified during the SIV-T software demonstration. If any issues are identified, the COR will notify the contractor via official email correspondence requesting corrective action. The Contractor shall address and correct all issues in the final SIV-T Software (CDRL A017) deliverable.

- The Contractor shall update the current SEIWG Software Product Specification and the SEIWG Software User Manual [Refs. 2.2.s and 2.2.t] (CDRL A018) to reflect all additions and modifications implemented in the final SIV-T software and to reflect any relevant comments identified in the SIV-T CRM. The most recent SIV-T Software User Manual and Software Product Specification will be provided to the Contractor as GFI. The SEIWG Software Product Specification and SEIWG Software User Manual document deliverable shall include a “track changes” version of the document to track the changes from the version provided as GFI. The deliverable shall also include a “changes accepted” version of the same document.

NOTE: All SIV-T software, including the original code that is provided by the Government to the contractor as GFI to perform the requirements of this TO is the sole property of the US Government. All SIV-T software, including the original code and any modified/updated code that is developed by the contractor during performance of this TO is the sole property of the US Government. By the official act of Government award of this TO, or official Government award of any of this TO’s Option Year awards and the contractor’s acceptance and performance of any aspect of this TO or this TO’s option year awards, the contractor hereby waives all rights or patents, or claims of rights or patents of any aspect of the SEIWG SIV-T software, SEIWG Test Scripts, SEIWG Test Procedures, SEIWG Test Reports, SEIWG Software User Manuals, SEIWG Software Product Specification, to include all of the source code, compiled software code/files, and Microsoft Installer (.msi) file. The Contractor shall not affix or label any of the delivered products with any of their proprietary or Corporate Trademarks or Copyright stamps.

3.9.3 Deliverable(s)

The Contractor shall deliver a SIV-T software Modification Report (CDRL A008) within twenty (20) business days of TO award. Editable electronic copy shall be submitted using Microsoft® Word electronic data format compatible with the current SPAWARSYSCEN Atlantic Microsoft® Office Package.

The Contractor shall deliver a Software Development Plan (SDP) (CDRL A015) within twenty (20) business days of TO award. Editable electronic copy shall be submitted using Microsoft® Word electronic data format compatible with the current SPAWARSYSCEN Atlantic Microsoft® Office Package.

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The Contractor shall deliver an updated SIV-T CRM (CDRL A016) based on the approved POA&M, and in the same format as that when provided to the contractor as GFI. Delivery shall be via Secure File Transfer and shall be delivered in conjunction with the draft and final SIV-T deliverables for CDRL A017.

The contractor shall deliver a draft SEIWG SIV-T software (CDRL A017) via Secure File Transfer within three (3) months of receipt of Government comments. The draft Software shall be developed and delivered in the same format as that when provided to the contractor as GFI and shall include the Microsoft Installer (.msi) file required in order for the Government to make install and run the SIV-T software.

The Contractor shall deliver the final SEIWG SIV-T software (CDRL A017) via Secure File Transfer within thirty (30) business days of receipt of Government comments of the draft software. The final Software shall be developed and delivered in the same format as that when provided to the contractor as GFI and shall include all of the source code, and Microsoft Installer (.msi) file required in order for the Government to make future revisions to the compiled software code/files, and install and run the SIV-T software.

The contractor shall deliver the Software Product Specification and Software User Manual (CDRL A018) within ten (10) business days of the final CDRL A017 delivery to the Government. Editable electronic copy of Software Product Specification and Software User Manual shall be submitted using Microsoft® Word electronic data format compatible with the current SPAWARSSYSCEN Atlantic Microsoft® Office Package.

The Contractor shall submit CDRLs A008, A015, A016, A017, and A018 electronically to the SSC Atlantic COR at the address stated in paragraph 5.0.

4.0 INFORMATION TECHNOLOGY (IT) SERVICES REQUIREMENTS

4.1 INFORMATION TECHNOLOGY (IT) GENERAL REQUIREMENTS

When applicable, 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 Navy Marine Corps Intranet (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 SECTION 508 COMPLIANCE

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In accordance with FAR 39.204, the Section 508 of the Rehabilitation Act of 1973, 26 CFR Part 1194 and the SPAWARINST 5721.1B of 17 Nov 2009 requirements do not apply to para 3.9 (Task 6 Software Engineering Update SIV-T) because the product is located in spaces frequented only by service personnel for maintenance, repair or occasional monitoring of equipment.

4.3 SOFTWARE DEVELOPMENT/MODERNIZATION AND HOSTING

There is no software hosting requirements or SSC Atlantic business process development or modernization requirements for this TO.

5.0 TASK ORDER ADMINISTRATION

TO administration is required for all contracts; it provides the Government a means for TO 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), as applicable. 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 TO performance. The PM shall have authority to approve TO proposals or 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.

Within ten (10) business days after award of this TO, the Contractor shall participate in a TO kick-off meeting with the SSC Atlantic COR in attendance. The Contractor shall develop and deliver presentation slides/charts (CDRL A002) to the SSC Atlantic COR no later than 2 business days before the TO kick-off meeting. The purpose of the meeting is to review the POAM schedule, quality, and risks of the TO and to introduce the team.

In support of open communication, the contractor shall participate by teleconference in bi-weekly TO status meetings with the SSC Atlantic COR to discuss all work performed during the two weeks prior to each meeting, and any cost, schedule or performance issues associated with the TO.

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 TO award or modification. Prior to TO award, the contractor shall be responsible for providing any required support documentation in a timely manner so as to not disrupt the TO award process. 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 award or modification. *NOTE: Directly billing to a TO prior to TO award is prohibited.*

5.2.1 Task Order Administration Documentation

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

5.2.1.2 Task Order Status Report (TOSR)

The contractor shall develop a Task Order Status Reports (CDRL A019) and submit it monthly, and in response to COR data calls. 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 and no later than 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 Staffing Plan (Attachment 1), and Personnel Listing (Attachment 2) necessary for additional data collection as applicable.

(b) 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 POAM and narratives to explain any variances
4. List of personnel (by location, security clearance, quantity)
5. Most current GFP and/or CAP listing – N/A, there is no GFP and CAP for this TO

5.2.1.3 Task Order Closeout Report

The contractor shall develop a task order (TO) closeout report (CDRL A020) 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.

5.2.1.5 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

In addition to the QSR CDRL reporting requirements noted above and 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 TO 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;
- (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://>

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doncmra.nmci.navy.mil/.

Reporting inputs consists of labor hours executed during the 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/>.

5.2.1.6 Wide Area Work Flow (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 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 A022) 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.

5.2.1.7 Labor Rate Limitation Notification

For all cost type, labor-hour service contracts/TO (not applicable for Simplified Acquisition Procedures (SAP) contracts or contracts/TOs that are wholly fix-priced), the contractors shall monitor the following labor rates as part of the monthly TO status report (see TOSR CDRL Attachment 2 – Personnel Listing). 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 TO Quality Assurance Surveillance Plan (QASP).

(a) Fully burden labor rates per person (subcontractor included) charged on TO – If the actual invoiced fully burden rate (inclusive of fee) of any individual in any labor category exceeds the threshold amount of \$ [REDACTED] and the individual's rate was not disclosed in pre-award of the TO, the contractor shall send Limitation Notification and Rationale (CDRL A023) 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 [REDACTED] 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 15%, the contractor shall send Limitation Notification and Rationale (CDRL A023) 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 15% 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.

5.2.1.8 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

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any modifications to the awarded amount) by 10%, the contractor shall send Limitation Notification and Rationale (CDRL A023) for exceeding cost to the COR who will then send a memorandum signed by the PM (or equivalent) to the Contracting Officer documenting the reasons justifying the increase of ODC. The ability of a contractor to monitor ODCs will be included in the TO Quality Assurance Surveillance Plan (QASP).

5.2.1.9 Plan of Action and Milestones (POAM)

The Contractor shall develop a detailed POAM (CDRL A024) listing all tasks required to complete the Task Order including individual software development cycles. Each task, sub-task and/or milestone will have a start and completion date listed. Additionally, the Contractor shall ensure SSC Atlantic COR reviews periods for deliverables are included. The Contractor shall develop the POAM (CDRL A024), and perform a presentation of the POAM (CDRL A024) to the SSC Atlantic COR at the TO kickoff meeting and within ten (10) business days of TO award. SSC Atlantic will provide comments to the Contractor during the meeting. The contractor shall update the POAM (CDRL A024) accordingly and deliver to the SSC Atlantic COR no more than seven (7) business days following the TO Kick-Off meeting. The SSC Atlantic COR will then review the POAM (CDRL A024), and if applicable, will provide any comments back to the Contractor, and provide final approval when comments have been addressed.

The Contractor shall maintain, update the POAM (CDRL A024) to reflect the most current percent completions of each task/subtask therein for the life of the project and shall deliver the POAM (CDRL A024) no later than the 10th of each month.

When changes to the POAM (CDRL A024) impact project completion, the Contractor shall submit an updated POAM (CDRL A024) that reflects percent completions for missed milestones to the SSC Atlantic COR. If any task on the current POAM (CDRL A024) has changed by more than one (1) week, the Contractor shall deliver a new (revised) POAM (CDRL A024) by email to the SSC Atlantic COR within seven (7) business days of when the change was identified. The Contractor shall state the reason for the schedule change in an email that will accompany the revised POAM (CDRL A024).

All POAM deliverables shall be developed and delivered in Microsoft® Project format, and shall include an electronic copy in pdf format that are emailed to the SSC Atlantic COR.

5.3 TASK ORDER ORGANIZATIONAL CONFLICT OF INTEREST (OCI)

Due to the type of work performed, there are organizational conflict of interest clauses that are applicable to this TO. The contractor shall follow the restrictions as cited in clause 5252.209-9201.

5.4 EARNED VALUE MANAGEMENT (EVM)

In accordance with DoD policy, this TO does not require Earned Value Management (EVM) implementation due to (1) cost of TO (base plus all options) does not exceed \$20M. In lieu of EVM, the contractor shall develop and maintain, a Task Order Status Report (CDRL A019) to help track cost expenditures against performance.

6.0 QUALITY

6.1 QUALITY SYSTEM

Upon TO award, the prime contractor shall have and maintain a quality assurance process that meets TO requirements and program objectives while ensuring customer satisfaction and defect-free products/process. The contractor shall have a sufficiently documented quality system which contains

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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. Within thirty (30) days after TO award, the contractor shall provide to the Government a copy of its Quality Assurance Plan (QAP) and any other Quality Documents (CDRL A025) 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 TO 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 no later than two (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 an 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, when applicable, ISO/IEC 12207 for Software life cycle processes. As applicable, 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 including employment of Lean Six Sigma methodologies in compliance with SSC Atlantic requirements and with the SSC Engineering Process Office (EPO) Capability Maturity Model Integration (CMMI) program. Although having a formal CMMI appraisal is desired, it is not required for this TO.

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, POAM, 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.

6.4 QUALITY CONTROL

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The contractor shall perform all quality control inspections necessary in the performance of the software testing tasks as assigned and identified by the respective WBS, POAM, or quality system, and the contractor shall submit Quality Documents (CDRL A025) with related quality objective evidence within 24 hours of the SSC Atlantic COR's request. Quality objective evidence includes Quality Measurement and Analysis metrics/data.

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 TO'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 A026) and Contractor CPARS Draft Approval Document (CDAD) Report (CDRL A027), each submitted monthly no later than the 10th of each month for those months the TO is active. The SSC Atlantic COR will perform inspection and acceptance and report any discrepancies (e.g. that do not align with POAM/schedule or the delivered CDRLs) to the contractor who shall address all discrepancies in the next submittal.

The SSC Atlantic COR will perform inspection and acceptance and report any discrepancies (e.g. that do not align with POAM/schedule) to contractor. The Cost and Schedule Milestone Plan (CDRL A026) shall be submitted using editable electronic copy using Microsoft® Excel electronic data format compatible with the current SPAWARSYSCEN Atlantic Microsoft® Office Package. The CPARS Draft Approval Document (CDAD) Report (CDRL A027) shall be submitted using editable electronic copy using pdf data format compatible with the current Adobe® Reader application.

7.0 DOCUMENTATION AND DELIVERABLES

7.1 CONTRACT DATA REQUIREMENT LISTINGS (CDRLs)

The following CDRL listing identifies the data item deliverables required under this TO 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 TO. 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
A001	Program Management Reports, General	3.2.2	Once per occurrence	within five (5) business days after occurrence
A002	Presentation charts	3.4.1, 3.4.2, 3.4.3, 3.5.1, 3.5.2, 3.5.3, 3.7.2, 3.7.3, 5.1	Once per occurrence	2 business days prior to each meeting

CDRL #	Deliverable Title	PWS Ref Para	Frequency	Date Due
A003	Technical Interchange Meeting Report	3.4.1, 3.4.3, 3.5.1, 3.5.3	Once per meeting	5 business days after each meeting
A004	NIEM IEPD and Data Map	3.4.2, 3.4.3	One time with revisions (ONE/R)	Final due within 12 months of TO award; drafts due based on approved POA&M; Revisions due within 30 calendar days after receipt of Government comments
A005	NIEM IEPD CRM	3.4.2, 3.4.3	ONE/R	Due based on approved POA&M;
A006	NIEM Harmonization Report	3.4.2, 3.4.3, 3.5.2, 3.5.3	Once per occurrence	Due with final draft of CDRL A002
A007	Modified NIEM IEPD and artifact(s)	3.5.2, 3.5.3	ONE/R	Final due within seven (7) months of TO award; drafts due based on approved POA&M; Revisions due within 30 calendar days after receipt of Government comments
A008	Modification Report	3.5.2, 3.5.3, 3.6.2, 3.6.3, 3.8.2, 3.8.3, 3.9.2, 3.9.3	Once per occurrence	Within twenty (20) days of TO award
A009	NIEM IEPD Modification CRM	3.5.2, 3.5.3	One time with revisions (ONE/R)	Due based on approved POA&M
A010	SEIWG-0101C CRM	3.6.2, 3.6.3	One time with revisions (ONE/R)	Due based on the approved POA&M

CDRL #	Deliverable Title	PWS Ref Para	Frequency	Date Due
A011	SEIWG-0101C interoperability standard	3.6.2, 3.6.3	One time with revisions (ONE/R)	Within six (6) months of TO award; drafts due based on approved POA&M; Revisions due within 15 calendar days after receipt of Government comments
A012	Test and Analysis Report	3.7.2, 3.7.3	Once per occurrence	Within 15 business days following completion of each Test and Analysis Activity
A013	Test Scripts/Test Procedures	3.8.2, 3.8.3	Twice	Draft due 30 days after receipt of Government comments; final due within 15 business days of receipt of Government comments, and no later than 6 months of TO award
A014	Test Scripts/ Test Procedures CRM	3.8.2, 3.8.3	Twice	Draft due 30days after receipt of Government comments; final due within fifteen 15 business days of receipt of Government comments
A015	Software Development Plan (SDP)	3.9, 3.9.3	One time with revisions (ONE/R)	Within 20 business of TO award
A016	SIV-T CRM	3.9.2, 3.9.3	ASREQ	Due based on approved POA&M

CDRL #	Deliverable Title	PWS Ref Para	Frequency	Date Due
A017	SIV-T Software	3.9.2, 3.9.3	Twice	Draft due within 3 months of receipt of Government comments; final due within 30 business days of receipt of Government comments
A018	Software Product Specification and Software User Manual	3.9.2, 3.9.3	One Time	Due within 10 days of final delivery of CDRL A017
A019	Task Order Status Report	5.2.1.2, 5.4, 8.1.2,	MTHLY	30 Days after TO award; monthly no later than the 10th
A020	Task Order Closeout Report	5.2.1.3	1TIME	NLT 15 days before completion date
A022	Invoice Support Documentation	5.2.1.6	ASREQ	Within 24 hrs from initial request
A023	Limitation Notification & Rationale	5.2.1.7 (a), 5.2.1.7 (b), 5.2.1.8	ASREQ	Within 24 hrs from occurrence
A024	POAM	5.2.1.9	MTHLY	Within 10 business days of TO award; no later than 7 business days after the TO Kick-Off meeting; no later than the 10 th of each month; within 7 business days of when the change was identified

CDRL #	Deliverable Title	PWS Ref Para	Frequency	Date Due
A025	Quality Documentation	6.1, 6.4	ASREQ	QAP due 30 days after award; no later than 2 weeks after initial disapproval notification; within 24 hrs from COR's request
A026	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
A027	Contractor CPARS Draft Approval Document (CDAD) Report	6.5	MTHLY	30 DATO and monthly on the 10 th

7.2 NON-DATA DELIVERABLES

The following table lists all required non-data deliverables:

#	Deliverable Title	TO PWS Reference Para	Frequency	Date Due
ND-1	DEVELOP NATIONAL INFORMATION EXCHANGE MODEL (NIEM), INFORMATION EXCHANGE PACKAGE DOCUMENTATION (IEPD) AND NIEM ARTIFACTS	3.4.1	One time	Within twelve (12) months of TO award
ND-2	MODIFY NIEM IEPD AND NIEM ARTIFACTS	3.5.1	One time	Within seven (7) months after TO award
ND-3	MODIFY SEIWG-0101C INTEROPERABILITY STANDARD	3.6.1	One time	Within six (6) months after TO award
ND-4	SEIWG TEST AND ANALYSIS	3.7.1	One time	Within five (5) months after TO award
ND-5	MODIFY SEIWG TEST SCRIPTS AND TEST PROCEDURES	3.8.1	One time	Within six (6) months after TO award

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ND-6	SEIWG SIV-T SOFTWARE ENGINEERING SUPPORT	3.9.1	Onetime	Within seven (7) months after TO award
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7.3 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 SSC Atlantic corporate standard software configuration as specified below. Contractor shall conform to SSC Atlantic corporate standards within 30 days of TO 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.*

	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

7.4 INFORMATION SYSTEM

7.4.1 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 TO shall be accessible by e-mail through individual accounts during all working hours.

7.4.2 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 TO. 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 TO, and privileged TO information (e.g., program schedules, TO-related tracking).

7.4.2.1 Safeguards

The contractor shall protect Government information and shall provide compliance documentation

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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.
- (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.

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3. Prompt application of security-relevant software patches, service packs, and hot fixes.

(j) As applicable, 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 TO or agreement requirements and mechanisms.

7.4.2.2 Compliance

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

8.0 SECURITY

8.1 ORGANIZATION

8.1.1 Security Classification

All work performed under this TO is “unclassified.” A facility security clearance (FCL) is not required; therefore, no DoD Contract Security Classification Specification, DD Form 254, exist. Pursuant to DoDM 5200.01 – Volume 4, Controlled Unclassified Information, the contractor shall safeguard any sensitive Government information.

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 TO. 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 TO. The FSO shall be responsible for tracking the security requirements for all personnel (subcontractors included) utilized on TO. Responsibilities include entering and updating the personnel security related and mandatory training information within the Staffing Plan document, which is an attachment to the TOSR (CDRL A019).

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 TO, 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 TO, and if applicable, 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 SSC Atlantic information. *Cost to meet these security requirements is not directly chargeable to TO.*

NOTE: If a final determination is made that an individual does not meet or cannot maintain the

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minimum fitness standard, the contractor shall permanently remove the individual from SSC 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 SSC 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 and TO.

8.2.1 Access Control of Contractor Personnel

8.2.1.1 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 SSC 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 TO 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: SSC Atlantic facilities located on Joint Base Charleston require a Common Access Card (CAC) each time physical installation access is required. Contractor shall contact SSC 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.

8.2.1.2 Identification and Disclosure Requirements

Pursuant to DFARS clause 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 as specified in local clause 5252.237-9602. In addition, contractor and subcontractors shall identify themselves and their company name on attendance meeting list/minutes, documentation reviews, and their electronic digital signature.

8.2.1.3 Government Badge Requirements

As specified in contract clause 5252.204-9202, 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,

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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, which is required in clause 5252.204-9200, shall track all personnel holding local Government badges at contract or TO level.

8.2.1.4 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 SSC 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 TO'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

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guidance from their appointed company Security Officer and the SSC 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 SSC 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 SSC 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.

8.2.1.5 Contractor Check-in and Check-out Procedures

All SSC Atlantic contractor personnel requiring or possessing a Government badge and/or CAC for facility and/or IT access shall have a SSC 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 TO award throughout TO completion, the contractor shall provide necessary employee information and documentation for employees hired, transferred, and/or terminated in support of this TO 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 TO 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.

8.2.2 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 SSC Atlantic Security Office, processed by the OPM, and adjudicated by DOD CAF. IT Position Categories are determined based on the following criteria:

8.2.2.1 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,

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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.

8.2.2.2 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.

8.2.2.3 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).

8.2.3 Security Training

Regardless of the TO security level required, the contractor shall be responsible for verifying applicable personnel (including subcontractors) receive all required training. At a minimum, the contractor's designated Security Officer shall track the following information: security clearance information; dates possessing Common Access Cards; issued & expired dates for SSC Atlantic Badge; Cybersecurity training; Privacy Act training; Personally Identifiable Information (PII) training; Cybersecurity Workforce (CSWF) certifications; etc.

8.2.4 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.

8.2.5 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 TO 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.

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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, SSC 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 TO and based on SSC Atlantic OPSEC requirements. The contractor’s program shall identify the current SSC 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, as a minimum, cover OPSEC as it relates to TO work, discuss the Critical Information applicable in the TO, and review OPSEC requirements if working at a Government facilities. The contractor shall ensure any training materials developed by the contractor shall be reviewed by the SSC Atlantic OPSEC Officer, who will ensure it is consistent with SSC Atlantic OPSEC policies. OPSEC training requirements are applicable for personnel during their entire term supporting SPAWAR contracts.

8.3.3 SSC Atlantic OPSEC Program

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

8.4 DATA HANDLING AND USER CONTROLS

8.4.1 Data Handling

The contractor shall handle all data received or generated under this TO as For Official Use Only (FOUO) material.

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 TO 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 TO 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

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No Government facilities (i.e., office space, computer hardware/software, or lab space) will be provided on this TO.

10.0 CONTRACTOR FACILITIES

The contractor's facility location shall not present a hardship to complete work required on TO. The contractor shall have real-time communication available at time of award. No specific facility location is required.

11.0 TASK ORDER PROPERTY ADMINISTRATION

11.1 PROPERTY TYPES

TO 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 TO 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 TO. 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 TO. 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 TO. The following table lists GFI that will be provided to the contractor after TO award.

Item #	Description	GFI Estimated Delivery Date
1	Command and Control Display Equipment (CCDE) Information Interchange Using XML, SEIWG-0101C, dtd December 2013	14 days after TO award
2	SEIWG-0101C Test Procedures, dtd December 2013	14 days after TO award
3	SEIWG-0101C Test Scripts, dtd December 2013	14 days after TO award

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4	Force Protection Systems Command and Control Information Interchange, SEIWG-0300, dtd January 2012	14 days after TO award
5	SEIWG Interoperability Verification Tool (SIV-T), dtd 2014.11.17	14 days after TO award
6	Software User Manual for the SEIWG Interoperability Verification Tool (SIV-T), dtd 2014.11.17	14 days after TO award
7	SIV-T Software Product Specification (SPS), December 2013	14 days after TO award
8	SEIWG National Information Exchange Model (NIEM) Information Exchange Package Documentation (IEPD)	14 days after TO 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 TO includes both Government-furnished property (GFP) and contractor-acquired property (CAP) but does not include intellectual property (such as, GFI) and software.

No GP will be utilized on this TO.

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 under this TO. 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

In addition to complying to clause 5252.223-9200 Occupational Safety and Health Requirements, 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.

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12.2 SAFETY EQUIPMENT

The contractor shall provide their personnel with any safety equipment required to perform work under this TO 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.

13.0 TRAVEL

The contractor shall ensure all travel is performed pursuant to clause 5252.231-9200. For planning purposes, the contractor shall provide adequate personnel to support the travel requirements listed below. The proposed estimated travel cost cannot exceed the not-to-exceed (NTE) value cited in the applicable pricing model. Travel estimates are in accordance with the latest Joint Travel Regulations (JTR) for DoD Civilian Personnel. *Note: During the request for proposal (RFP) phase, a contractor may propose an alternate Travel value less than the NTE value in the pricing model, but the proposal must contain substantiating information validating the cost differential; if no validation is provided, the proposal material cost will be adjusted to Government proposed NTE value.*

13.1 TASK 1 - DEVELOP NATIONAL INFORMATION EXCHANGE MODEL (NIEM) INFORMATION EXCHANGE PACKAGE DOCUMENTATION (IEPD) AND NIEM ARTIFACTS

All listed travel will be performed during POP for Base Year and Option Years 1-4.

PWS Para.	# Trips	# People	# Days/Nights	From (Location)	To (Location)
3.4	3	1	2/1	Charleston, SC	Washington, DC

13.2 TASK 2 – MODIFY NIEM IEPD AND NIEM ARTIFACTS

All listed travel will be performed during POP for Base and Option Years 1-4.

PWS Para.	# Trips	# People	# Days/Nights	From (Location)	To (Location)
3.5	2	1	2/1	Charleston, SC	Washington, DC

13.3 TASK 3 – MODIFY SEIWG-0101C INTEROPERABILTY STANDARD

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No travel will be performed during POP for Base and Option Years 1-4.

13.4 TASK 4 – SEIWG TEST AND ANALYSIS

All listed travel will be performed during POP for the Base and Option Years 1-4.

Potential travel locations are either Charleston, SC; Destin, FL; Washington, DC, or San Diego, CA. For estimating purposes, Washington, DC travel and per diem costs are used as the basis for the not-to-exceed travel amount in the IGE.

PWS Para.	# Trips	# People	# Days/Nights	From (Location)	To (Location)
3.7	1	1	3/2	Charleston, SC	Washington, DC

13.5 TASK 5 – MODIFY SEIWG TEST SCRIPTS AND TEST PROCEDURES

All listed travel will be performed during POP for the Base and Option Years 1-4.

Potential travel locations are either Charleston, SC; Destin, FL; Washington, DC, or San Diego, CA. For estimating purposes, Washington, DC travel and per diem costs are used as the basis for the not-to-exceed travel amount in the IGE.

PWS Para.	# Trips	# People	# Days/Nights	From (Location)	To (Location)
3.8	1	1	2/1	Charleston, SC	Washington, DC

13.6 TASK 6 – SEIWG SIV-T SOFTWARE ENGINEERING SUPPORT

All listed travel will be performed during POP for the Base and Option Years 1-4.

Potential travel locations are either Charleston, SC; Destin, FL; Washington, DC, or San Diego, CA. For estimating purposes, Washington, DC travel and per diem costs are used as the basis for the not-to-exceed travel amount in the IGE.

PWS Para.	# Trips	# People	# Days/Nights	From (Location)	To (Location)
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3.9	1	1	2/1	Charleston, SC	Washington, DC
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14.0 COR DESIGNATION



15.0 TRANSPORTATION OF EQUIPMENT/MATERIAL

For planning purposes, it is anticipated that the transportation cost of equipment/material will be incidental to the TO. The contractor shall propose an estimated transportation cost equal to the not-to-exceed (NTE) value cited in the Other Direct Cost tab of the applicable pricing model.

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 1.

17.0 OTHER CONDITIONS/REQUIREMENTS

17.1 DATA RIGHTS

The Government has unlimited rights to all software, test scripts, documents/material produced under this TO. All documents and materials, to include the source codes of any software, produced under this TO shall be Government owned and are the property of the Government with all rights and privileges of ownership/copyright belonging exclusively to the Government. These documents and materials may not be used or sold by the contractor without written permission from the Contracting Officer. All materials supplied to the Government shall be the sole property of the Government and may not be used for any other purpose. This right does not abrogate any other Government rights.

17.2 OVERTIME HOURS

Overtime for Service Contract Act (SCA) labor categories is not allowed on this TO.

17.3 FUNDING ALLOCATION

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This TO is funded with multiple appropriations with various Accounting Classification Reference Numbers (ACRNs) which may or may not cross multiple TO 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 A019 by each 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.

[END OF PWS]

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

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

(b) The offeror agrees that during the first 90 days of the TO 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 TO 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 TO 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	Name_1	Program Manager	TBD within 15 days after award
2	Name_2	Engineer/Scientist 4	TBD within 15 days after award

After TO award, the contractor shall be responsible for tracking and maintaining the Key Personnel list which is part of the monthly Contract Status Report and 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 TO 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 TO, the TO may be terminated by the Contracting Officer for default or for

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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 TO price or fixed fee to compensate the Government for any resultant delay, loss or damage. The 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. Adding personnel will only be permitted in the event of an indefinite quantity contract, where the Government has issued a delivery order for labor hours that would exceed a normal forty hour week if performed only by the number of employees originally proposed.

(End of clause)

PWS Attachment 3 -- Personnel Qualifications

Labor Category	Key	Location
1. Program Manager	K	Contractor Site
2. Engineer/Scientist 4	K	Contractor Site
3. Management Analyst 3		Contractor Site
4. Safety Specialist 2		Contractor Site
5. Security Specialist 3		Contractor Site
6. Technical Analyst 3		Contractor Site
7. Administrative Assistant (SCA 01020)		Contractor Site

1. Program Manager (KEY)

Education: Bachelor's degree in Engineering, Physics, Physical Sciences, Zoology, Information Security, Mathematics, Management Information Systems, Business or Health Sciences Related Field.

Experience: Fifteen (15) years of technical experience in support of information assurance or computer network defense programs to include: Equipment Support, System Support, and Programmatic Support. Eight (8) years Program Management Experience, to include: Technology Assessments, Infrastructure Operations, Systems Analysis, Programmatic Support, Acquisition Planning, and Budget Planning. Five (5) years as manager of information assurance or computer network defense projects. Knowledge of Federal Acquisition Regulation (FAR) and DoD procurement policies and procedures.

2. Engineer/Scientist 4 (KEY)

Education: BS degree in Engineering, Physics, Information Systems or Computer Science. For software development tasks; Working towards the following certifications within one and a half year after assuming duties: Certified Software Development Professional (CSDP) (Previously known as Certified Software Engineering Professional (CSEP)), or with COR approval complete a vendor/platform specific 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: Ten (10) years of experience in Engineering, Systems Analysis, Web Development, or Engineering Management to include: Technology Analysis and Assessment, Design Definition, Development of Systems Specification, Systems Analysis, Systems Architecture, Systems/Equipment Integration, Test & Evaluation Criteria, and software development support of Force Protection/Physical Security Equipment requirements. Five (5) years of technical experience in support of XML based messaging standards. 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.

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3. Management Analyst 3

Education: Bachelor's degree in Computer Science, 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.

4. Safety Specialist 2

Education: Associate's Degree.

Experience: Three (3) years of experience working with safety principles/practices/ procedures, and occupational health policies/programs/practices.

5. Security Specialist 3

Education: Bachelor's degree. Completed applicable discipline Certification (e.g. DISCO certification for Infosec Security Specialist) within one (1) year of assuming duties.

Experience: Six (6) years of experience, to include: applicable security discipline principles, practices, and procedures.

6. Technical Analyst 3

Education: BS degree in Physical Sciences, Mathematics, or Engineering.

7. Administrative Assistant (SCA 01020)

Education: Associate's Degree in Business or Computer Science.

Experience: Four (4) years of experience, to include: word processing, spreadsheet development, documenting management issues, financial analysis, data collection, report processing, brief preparation, read milestone schedules and send and receive emails. Two (2) years of work experience shall be within DoD. Note: Experience may be concurrent.

OR

Education: High School Diploma or GED.

Experience: Eight (8) years experience to include: word processing, spreadsheet development, documenting management issues, financial analysis, data collection, report processing, brief preparation, read milestone schedules and send and receive emails. Two (2) years of work experience shall be within DoD. Note: Experience may be concurrent.

5252.237-9601 KEY PERSONNEL (VARIATION)

(a) The offeror agrees to assign to this Task Order (TO) those key personnel listed in paragraph (d) below. Within 15 days after TO award, the contractor shall submit a Program Manager's résumé for consideration and any other key labor category résumés required for immediate performance. If

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applicable, the contractor shall submit resumes for all required labor categories which are required for the initial TO. After approval, the individuals will be added to a key personnel list, paragraph (d), which will be maintained by the contractor and supplied in the monthly TO Status Report. No substitutions will be made except in accordance with this clause.

(b) The offeror agrees that during the first 90 days of the TO 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 TO 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 TO 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 (clause 5252.237-9600 list applicable TO labor categories)

#	NAME	Labor Category	Effective Date
1	Name_1	Program Manager	TBD within 15 days after award
2	Name_2	Engineer/Scientist 4	TBD within 15 days after award

After TO award, the contractor shall be responsible for tracking and maintaining the Key Personnel list which is part of the monthly Task Order Status Report (CDRL A019).

(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 TO 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 TO or the service order, the TO 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 TO price or fixed fee to compensate the Government for any resultant delay, loss or damage. The 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. Adding personnel will only be permitted in the event of an indefinite quantity TO, where the Government has issued a delivery order for labor hours that would exceed a normal forty hour week if performed only by the number of employees originally proposed.

(End of clause)

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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

Inspection and acceptance of the services to be furnished hereunder shall be made at destination by the Task Order Manager or his/her duly authorized representative.

CLAUSES INCORPORATED BY REFERENCE

52.246-3	Inspection Of Supplies Cost-Reimbursement	MAY 2001
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:

7001	11/3/2017 - 11/2/2018
7002	11/3/2017 - 11/2/2018
7003	11/3/2017 - 11/2/2018
7004	11/3/2017 - 11/2/2018
7005	11/3/2017 - 11/2/2018
7006	11/3/2017 - 11/2/2018
7104	11/3/2018 - 9/30/2019
7105	11/3/2018 - 9/30/2019
7106	11/3/2018 - 9/30/2019
9001	11/3/2017 - 11/2/2018
9002	11/3/2017 - 11/2/2018
9003	11/3/2017 - 11/2/2018
9004	11/3/2017 - 11/2/2018
9005	11/3/2017 - 11/2/2018
9006	11/3/2017 - 11/2/2018
9104	11/3/2018 - 9/30/2019
9105	11/3/2018 - 9/30/2019
9106	11/3/2018 - 9/30/2019

CLIN - DELIVERIES OR PERFORMANCE

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

7001	11/3/2017 - 11/2/2018
7002	11/3/2017 - 11/2/2018
7003	11/3/2017 - 11/2/2018
7004	11/3/2017 - 11/2/2018
7005	11/3/2017 - 11/2/2018
7006	11/3/2017 - 11/2/2018
7104	11/3/2018 - 9/30/2019
7105	11/3/2018 - 9/30/2019
7106	11/3/2018 - 9/30/2019
9001	11/3/2017 - 11/2/2018
9002	11/3/2017 - 11/2/2018
9003	11/3/2017 - 11/2/2018
9004	11/3/2017 - 11/2/2018
9005	11/3/2017 - 11/2/2018
9006	11/3/2017 - 11/2/2018

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9104	11/3/2018 - 9/30/2019
9105	11/3/2018 - 9/30/2019
9106	11/3/2018 - 9/30/2019

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

7101	11/3/2018 - 11/2/2019
7102	11/3/2018 - 11/2/2019
7103	11/3/2018 - 11/2/2019
7201	11/3/2019 - 11/2/2020
7202	11/3/2019 - 11/2/2020
7203	11/3/2019 - 11/2/2020
7204	11/3/2019 - 11/2/2020
7205	11/3/2019 - 11/2/2020
7206	11/3/2019 - 11/2/2020
7301	11/3/2020 - 11/2/2021
7302	11/3/2020 - 11/2/2021
7303	11/3/2020 - 11/2/2021
7304	11/3/2020 - 11/2/2021
7305	11/3/2020 - 11/2/2021
7306	11/3/2020 - 11/2/2021
7401	11/3/2021 - 11/2/2022
7402	11/3/2021 - 11/2/2022
7403	11/3/2021 - 11/2/2022
7404	11/3/2021 - 11/2/2022
7405	11/3/2021 - 11/2/2022
7406	11/3/2021 - 11/2/2022
9101	11/3/2018 - 11/2/2019
9102	11/3/2018 - 11/2/2019
9103	11/3/2018 - 11/2/2019
9201	11/3/2019 - 11/2/2020
9202	11/3/2019 - 11/2/2020
9203	11/3/2019 - 11/2/2020
9204	11/3/2019 - 11/2/2020
9205	11/3/2019 - 11/2/2020
9206	11/3/2019 - 11/2/2020
9301	11/3/2020 - 11/2/2021
9302	11/3/2020 - 11/2/2021
9303	11/3/2020 - 11/2/2021
9304	11/3/2020 - 11/2/2021

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9305	11/3/2020 - 11/2/2021
9306	11/3/2020 - 11/2/2021
9401	11/3/2021 - 11/2/2022
9402	11/3/2021 - 11/2/2022
9403	11/3/2021 - 11/2/2022
9404	11/3/2021 - 11/2/2022
9405	11/3/2021 - 11/2/2022
9406	11/3/2021 - 11/2/2022

Services to be performed hereunder will be provided at contractor facility.

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".

CLAUSES INCORPORATED BY REFERENCE

52.242-15	Stop-Work Order	AUG 1989
52.242-15 Alt I	Stop-Work Order (Aug 1989) - Alternate I	APR 1984
52.242-17	Government Delay Of Work	APR 1984

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SECTION G CONTRACT ADMINISTRATION DATA

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.

WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (MAY 2013)

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

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

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

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

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

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

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

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

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

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

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

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

Cost Voucher (Cost Type Orders)

Note: If a “Combo” document type is identified but not supportable by the Contractor’s business systems, an “Invoice” (stand-alone) and “Receiving Report” (stand-alone) document type may be used instead.)

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

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

Routing Data Table*

<i>Field Name in WAWF</i>	<i>Data to be entered in WAWF</i>
Pay Official DoDAAC	HQ0338
Issue By DoDAAC	N65236
Admin DoDAAC	S2404A
Inspect By DoDAAC	N65236
Ship To Code	N65236
Ship From Code	N/A
Mark For Code	N65236
Service Approver (DoDAAC)	N/A
Service Acceptor (DoDAAC)	N65236
Accept at Other DoDAAC	N/A
LPO DoDAAC	N/A
DCAA Auditor DoDAAC	HAA210
Other DoDAAC(s)	N/A

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

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

████████████████████

(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.

████████████████████

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

(End of clause)

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SECTION H SPECIAL CONTRACT REQUIREMENTS

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 certifications 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.

5252.204-9202 CONTRACTOR PICTURE BADGE (JUL 2013)

(a) A contractor picture badge may be issued to contractor personnel by the SPAWARSSYSCOM 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 SPAWARSSYSCOM prior to completion of the picture badge request.

(b) An automobile decal will be issued by SPAWARSSYSCOM Security Office upon presentation of a valid contractor picture badge and the completion of the Badge and Decal Record.

(c) The contractor assumes full responsibility for the proper use of the identification badge and automobile decal, and shall be responsible for the return of the badge and/or destruction of the automobile decal upon termination of personnel or expiration or completion of the contract.

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

5252.237-9602 CONTRACTOR IDENTIFICATION (MAY 2004)

(a) Contractor employees must be clearly identifiable while on Government property by wearing appropriate badges.

(b) Contractor personnel and their subcontractors must identify themselves as contractors or subcontractors during meetings, telephone conversations, in electronic messages, or correspondence related to this contract.

(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.

5252.237-9603 REQUIRED INFORMATION ASSURANCE AND PERSONNEL SECURITY REQUIREMENTS FOR ACCESSING GOVERNMENT INFORMATION SYSTEMS AND NONPUBLIC INFORMATION (AUG 2011)

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(a) Definition. As used in this clause, “sensitive information” includes:

(i) All types and forms of confidential business information, including financial information relating to a contractor’s pricing, rates, or costs, and program information relating to current or estimated budgets or schedules;

(ii) Source selection information, including bid and proposal information as defined in FAR 2.101 and FAR 3.104-4, and other information prohibited from disclosure by the Procurement Integrity Act (41 USC 423);

(iii) Information properly marked as “business confidential,” “proprietary,” “procurement sensitive,” “source selection sensitive,” or other similar markings;

(iv) Other information designated as sensitive by the Space and Naval Warfare Systems Command (SPAWAR).

(b) In the performance of the contract, the Contractor may receive or have access to information, including information in Government Information Systems and secure websites. Accessed information may include “sensitive information” or other information not previously made available to the public that would be competitively useful on current or future related procurements.

(c) Contractors are obligated to protect and safeguard from unauthorized disclosure all sensitive information to which they receive access in the performance of the contract, whether the information comes from the Government or from third parties. The Contractor shall—

(i) Utilize accessed information and limit access to authorized users only for the purposes of performing the services as required by the contract, and not for any other purpose unless authorized;

(ii) Safeguard accessed information from unauthorized use and disclosure, and not discuss, divulge, or disclose any accessed information to any person or entity except those persons authorized to receive the information as required by the contract or as authorized by Federal statute, law, or regulation;

(iii) Inform authorized users requiring access in the performance of the contract regarding their obligation to utilize information only for the purposes specified in the contract and to safeguard information from unauthorized use and disclosure.

(iv) Execute a “Contractor Access to Information Non-Disclosure Agreement,” and obtain and submit to the Contracting Officer a signed “Contractor Employee Access to Information Non-Disclosure Agreement” for each employee prior to assignment;

(v) Notify the Contracting Officer in writing of any violation of the requirements in (i) through (iv) above as soon as the violation is identified, no later than 24 hours. The notice shall include a description of the violation and the proposed actions to be taken, and shall include the business organization, other entity, or individual to whom the information was divulged.

(d) In the event that the Contractor inadvertently accesses or receives any information marked as “proprietary,” “procurement sensitive,” or “source selection sensitive,” or that, even if not properly marked otherwise indicates the Contractor may not be authorized to access such information, the Contractor shall (i) Notify the Contracting Officer; and (ii) Refrain from any further access until authorized in writing by the Contracting Officer.

(e) The requirements of this clause are in addition to any existing or subsequent Organizational Conflicts of Interest (OCI) requirements which may also be included in the contract, and are in addition to any personnel security or Information Assurance requirements, including Systems Authorization Access Request (SAAR-N), DD Form 2875, Annual Information Assurance (IA) training certificate, SF85P, or other forms that may be required for access to Government Information Systems.

(f) Subcontracts. The Contractor shall insert paragraphs (a) through (f) of this clause in all subcontracts that may require access to sensitive information in the performance of the contract.

(g) Mitigation Plan. If requested by the Contracting Officer, the contractor shall submit, within 45 calendar days

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following execution of the “Contractor Non-Disclosure Agreement,” a mitigation plan for Government approval, which shall be incorporated into the contract. At a minimum, the mitigation plan shall identify the Contractor’s plan to implement the requirements of paragraph (c) above and shall include the use of a firewall to separate Contractor personnel requiring access to information in the performance of the contract from other Contractor personnel to ensure that the Contractor does not obtain any unfair competitive advantage with respect to any future Government requirements due to unequal access to information. A “firewall” may consist of organizational and physical separation; facility and workspace access restrictions; information system access restrictions; and other data security measures identified, as appropriate. The Contractor shall respond promptly to all inquiries regarding the mitigation plan. Failure to resolve any outstanding issues or obtain approval of the mitigation plan within 45 calendar days of its submission may result, at a minimum, in rejection of the plan and removal of any system access.

5252.227-9207 LIMITED RELEASE OF CONTRACTOR CONFIDENTIAL BUSINESS INFORMATION (CBI) (APRIL 2010) ALTERNATE I (JAN 2012)

(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 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 for the SPAWAR Small Business Innovation Research (SBIR) program, 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 SPAWAR SBIR program or 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:

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- (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 (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.

RELEASE OF PLANNING, PROGRAMMING, AND BUDGETING SYSTEM (PPBS) DATA

- (a) As defined in this clause, "Planning, Programming and Budgeting System (PPBS) data" includes, but is not limited to, one or more of the following:
- (1) Planning phase.
 - (2) Defense Planning Guidance.
 - (3) Programming Phase.
 - (4) Fiscal Guidance (when separate from Defense Planning guidance).
 - (5) Program Objective Memoranda.
 - (6) Port Defense Program (formerly FYDP) documents (POM Defense Program, Procurement Annex, RTD&E Annex).
 - (7) Program review Proposals.
 - (8) Issue Papers (also referred to as Major Issue Papers, Tier II Issue Papers, Cover Briefs).
 - (9) Proposed Military Department Program Reductions (or Program Offsets).
 - (10) Tentative Issue Decision Memoranda.
 - (11) Program Decision Memoranda.
 - (12) Budgeting Phase.

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(13) Defense Program (formerly FYDP) documents for September Budget Estimate Submission and President's Budget Estimate submission including Procurement, RTD&E and Construction Annexes).

(14) Classified P1, R1 and C1.

(15) Program Budget Decisions and Defense Management Report Decisions.

(16) Reports Generated by the Automated Budget Review System (BRS).

(17) DD 1414 Base for Reprogramming.

(18) DD 1416 Report of Programs.

(19) Contract Award Reports.

(20) Congressional Data Sheets.

(21) Any other data or information identified by the Government as PPBS data or information.

This definition includes all such documentation (whether published or unpublished), and equivalent published or unpublished PPBS data in whatever form produced and maintained by any service component.

(b) The Contractor hereby agrees that it will not divulge any Planning, Programming and Budgeting System (PPBS) data made available to it under this contract to any individual (including other members of the contractor's organization), company or Government representative, unless specific written authorization is received from the Contracting Officer. The Contractor also agrees that it will promptly notify the Contracting Officer of any attempt by any individual (including other members of the contractor's organization), company or Government representative to gain access to such PPBS data. Such notification shall include the name and organization, if available, of the individual (including other member's of the contractor's organization), company or Government representative.

(c) Within fourteen calendar days of contract award, the Contractor shall submit to the Contracting Officer a statement describing the Contractor, its parent company, and subsidiaries (if any), and any financial interest they have in current or future systems and services being acquired by the Navy.

(d) The Contractor shall require that all employees who have access to such data execute the following "STATEMENT OF NONDISCLOSURE OF PPBS DATA," and submit these nondisclosure statements to the Contracting Officer prior to granting access to PPBS data to such employees:

STATEMENT OF NONDISCLOSURE OF PPBS DATA

I will not divulge Planning, Programming and Budgeting System (PPBS) Information available to me through Task Order (*INSERT NUMBER*) as the term PPBS is defined in Clause H-7 of that task order to anyone, including other employees of my corporation, without specific written authorization from the Contracting Officer.

This restriction applies not only to information from PPBS documents, published or unpublished, but also to equivalent published or unpublished budget data in whatever form produced and maintained by the service components.

SIGNATURE _____

TYPED NAME _____

DATE _____

(e) In the event the Contractor, or any of its employees, agents, or subcontractors (or their employees, agents or subcontractors), fail to comply with the provisions of this clause, such noncompliance shall be deemed a material breach of the contract for which the Government reserves the right to avail itself of any or all of the following

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remedies:

- (1) Terminate the contract for default in accordance with FAR § 52.249-6 (“Termination (Cost-Reimbursement)”)(SEP 1996) or FAR § 52.249-8 (“Default (Fixed-Price Supply and Service”
- (2) Include a discussion of such failure to comply with this clause in any evaluation by the Government of the Contractor's performance of this contract created pursuant to FAR 42.15.
- (3) resort to such other rights and remedies as provided for under this contract and under Federal law.

Waiver of such rights by the Government for noncompliance shall not be construed as waiver for any successive noncompliance.

(f) Any subcontractor who is granted access to PPBS data shall be subject to the restrictions stated in subparagraphs (a) through (e) above. The Contractor shall notify the subcontractor that it is so subject. The Contractor agrees that the requirements of this clause shall be inserted in all subcontracts such that the restriction on disclosure of PPBS data shall apply to all subcontractors at any tier.

**5252.209-9201 ORGANIZATIONAL CONFLICT OF INTEREST (SYSTEMS ENGINEERING)
(DEC
1999)**

(a) This contract provides for systems engineering and related technical support for Security Equipment Integration Working Group (SEIWG) Interoperability Standard Support. The parties recognize that by the Contractor providing this support, a potential conflict of interest arises as defined by FAR 9.505-1.

(b) For the purpose of this clause, the term “contractor” means the contractor, its subsidiaries and affiliates, joint ventures involving the contractor, any entity with which the contractor may hereafter merge or affiliate, and any other successor of the contractor.

(c) During the term of this contract, the Contractor agrees that it will not supply (whether as a prime contractor, subcontractor at any tier, or consultant to a supplier) to the Department of Defense, any product, item or major component of an item or product, which was the subject of the systems engineering and/or technical direction in support of Security Equipment Integration Working Group (SEIWG) Interoperability Standard Support performed under this contract. The contractor shall, within 15 days after the effective date of this contract, provide, in writing, to the Contracting Officer, a representation that all employees, agents and subcontractors involved in the performance of this contract have been informed of the provisions of this clause. Any subcontractor that performs any work relative to this contract shall be subject to this clause. The contractor agrees to place in each subcontract affected by these provisions the necessary language contained in this clause.

(d) The Contractor further agrees that it will not perform engineering services and technical support of the type described in the SOW for any product it has designed, developed, or manufactured in whole or in part. The Contractor further agrees to notify the Contracting Officer should it be tasked to conduct engineering and technical support on such products and to take no action until directed to do so by the Contracting Officer.

(e) The Contractor acknowledges the full force and effect of this clause. It agrees to be bound by its terms and conditions and understands that violation of this clause may, in the judgment of the Contracting Officer, be cause for Termination for Default under FAR 52.249-6. The Contractor also acknowledges that this does not represent the sole and exclusive remedy available to the Government in the event the Contractor breaches this Organizational Conflict of Interest clause.

(End of clause)

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

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In performing this contract, 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.

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, 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

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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, 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

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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 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 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.

(iv) "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

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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). 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

The requirement for Annual Representation and Certifications at 52.204-8 applies at the basic multiple award contract (MAC) level for each Offeror. Offerors are not required to submit representation or certifications in response to this solicitation or its subsequent Task Order award, if any. All requests for representation or rerepresentation shall come from the MAC Contracting Officer in accordance with the terms of the basic contract.

The Ordering Officer will consider quoter's size/socioeconomic status as defined within the SeaPort-e portal at the following web address:

<https://auction.seaport.navy.mil/Bid/PPContractListing.aspx>

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SECTION I CONTRACT CLAUSES

09RA 52.217-9 -- OPTION TO EXTEND THE TERM OF THE CONTRACT. (MAR 2008)

- (a) The Government may extend the term of this contract 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 contract expires. The preliminary notice does not commit the Government to an extension.
- (b) If the Government exercises this option, the extended contract shall be considered to include this option clause.
- (c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed five years.

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SECTION J LIST OF ATTACHMENTS

Exhibit A - CDRL A001 thru A027

Attachment 1 - [REDACTED]

Attachment 2 - QASP

Attachment 3 - COR Nomination