AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
U	1		3

2. AMENDMENT/MODIFICATION NUMBER	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQUISITION NUMBER	5. PROJECT NUMBER *(If applicable)*
P00010	08/29/2021	1300935788	N/A

6. ISSUED BY	CODE	7. ADMINISTERED BY *(If other than Item 6)*	CODE	SCD
	N65236		S5111A	C

NAVWAR-NIWC Atlantic (CHRL)
P.O. BOX 190022
North Charleston, SC 29419-9022

DCMA HAMPTON
2128 Pershing Avenue
Fort Eustis, VA 23604

8. NAME AND ADDRESS OF CONTRACTOR *(Number, street, county, State and ZIP Code)*

PROFESSIONAL SOFTWARE ENGINEERING INC
500 Viking Drive, Suite 301
Virginia Beach, Virginia 23452-7477

CODE 1HK66 FACILITY CODE 153386891

(X)

☐ 9A. AMENDMENT OF SOLICITATION NUMBER

9B. DATED *(SEE ITEM 11)*

☒ 10A. MODIFICATION OF CONTRACT/ORDER NUMBER
N00178-04-D-4107/N6523618F3115

10B. DATED *(SEE ITEM 13)*
08/29/2018

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

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

SEE SECTION G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NUMBER AS DESCRIBED IN ITEM 14.

CHECK ONE	
☐	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NUMBER IN ITEM 10A.
☐	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
☒	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.217-9 Option to Extend the Term of the Contract; FAR 52.232-22
☐	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor ☐ is not ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (*Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

SEE PAGE 2

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

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
Phil Eagan, Chief Financial Officer		Elisha Kidwell , Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
/s/Phil Eagan	08/10/2021	/s/Elisha Kidwell	08/10/2021
(Signature of person authorized to sign)		*(Signature of Contracting Officer)*	

Section C - Description/Specifications/Statement of Work

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):

SHORT TITLE: **SUBMARINE COMMAND, CONTROL, COMMUNICATIONS, COMPUTERS, AND INTELLIGENCE (C4I) TRAINING SUPPORT**

1.0 PURPOSE

1.1 BACKGROUND
The Submarine Communications Program Office's (PMW 770) mission is to accomplish "Seamless, End-to-End Communications training." The mission of SPAWARSYSCEN Atlantic's Afloat Submarine C4I IPT Common Submarine Radio Room (CSRR) Multi-Reconfigurable Training System (MRTS) is to provide training support and to ensure all aspects of Submarine Communications training are being addressed for existing and new communications systems. This task order includes Project Management and submarine communications Subject Matter Expert (SME) services, liaising with training system Design Activities (DA), In-Service Engineering Activities (ISEA) services, providing support to the Submarine Learning Center C4I Mission Chair, submarine training centers and other fleet support activities sustaining and enhancing submarine communications training systems. As the Materials Support Activity (MSA), SSC LANT is responsible for the technical accuracy, life cycle maintenance and revision/change updates to Submarine Communication training materials in accordance with provisions in the NAVSEA Submarine Training Materials Management Plan (TMMP).Work under this order will consist of the effort required to provide support to External Communication Systems (ECS) Trainers Life Cycle Support for all aspects of Submarine Communications training.

1.2 SCOPE
This PWS is to provide a Level of Effort (LOE) necessary to provide Subject Matter Expert (SME) support to submarine C4I training systems to include CSRR MRTS for SSC LANT. This support encompasses site-specific SMEs for training of Navy instructor personnel on submarine C4I training systems.

This task order has a primary focus on production, installation, in-service support, life-cycle logistics, training and large-scale integration efforts to deliver and sustain superior C5ISR mission capabilities for surface, shore, sub-surface platforms and foreign military sales activities and cases. Services will be provided in support of the US Navy, US Marine Corps, US Coast Guard, Military Sealift Command, US Army, and other entities, activities and agencies as assigned or designated by the SSC Atlantic. Primary Navy customers include, PEO C4I, PEO EIS, NAVSEA (PEO IWS, PEO LCS, PEO SUBS, PEO SHIPS AND PEO CARRIERS), and Regional and Type Commanders (TYCOMs),).

This task order is funded with multiple appropriations as delineated on specified task order line item numbers (CLINs). The description of work outlined in the PWS 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 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.

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
a.	CSRR MRTS BN I1V3-SRS-FY-13-001	I1V3 BN System Requirements Specification (SRS)
b.	CSRR MRTS VA I1V3-SRS-MT-FY-14	I1V3 VA System Requirements Specification (SRS)
c.	CSRR MRTS LA I1V3-SRS-FY-12	I1V3 LA System Requirements Specification (SRS)
d.	CSRR MRTS SSGN I1V3-SRS-FY-14-001	I1V3 GN System Requirements Specification (SRS)
e.	CSRR MRTS SSGN I1V3-SRVM-FY-14-001	System Requirement Verification Matrix
f.	MRTS-D-TEST-001.00.01	System Test Plans
g.	SSCLANT-TSSD-21H42/44/45	Training System Support Document (TSSD)
h.	SSCLANT-21H42/44/45-SIM	System Interface Manual (SIM)
i.	A-101-0019	Training Package
j.	A-101-0020	Training Package
k	A-101-1116-	Training Delta/Difference curriculum packages
l.	NTSP-E-70203(X)	Navy Training System Plan (NTSP)
m.	A-101-0366	BRR 6/6B curriculum package
n.	DoD 5200.2-R	DoD Regulation – Personnel Security Program dtd Jan 87
o.	DoDM 5200.01	DoD Manual – Information Security Program Manual dtd 24 Feb 12
p.	DoDD 5205.02E	DoD Directive – Operations Security (OPSEC) Program dtd 20 Jun 12
q.	DoD 5205.02-M	DoD Manual – Operations Security (OPSEC) Program Manual dtd 3 Nov 08
r.	DoD 5220.22-M	DoD Manual – National Industrial Security Program Operating Manual (NISPOM) dtd 28 Feb 06
s.	DoDI 5220.22	DoD Instruction – National Industrial Security Program dtd 18 Mar 11
t.	DoDI 8500.01	DoD Instruction – Cybersecurity dtd 14 Mar 14

u.	DoDI 8510.01	DoD Instruction – Risk Management Framework (RMF) for DoD Information Technology (IT) dtd 12 Mar 14
v.	DoD 8570.01-M	Information Assurance Workforce Improvement Program dtd 19 Dec 05 with Change 3 dtd 24 Jan 12
w.	SECNAVINST 5239.3B	DoN Information Assurance Policy, 17 Jun 09
x.	SECNAVINST 5510.30	DoN Regulation – Personnel Security Program
y.	SPAWARINST 3432.1	Space and Naval Warfare Systems Center Atlantic Instruction – Operations Security (OPSEC) Policy dtd 2 Feb 05
z.	SPAWARINST 5721.1B	Space and Naval Warfare Systems Center Atlantic Instruction Section 508 Implementation Policy, 17 Nov 09

2.2 GUIDANCE DOCUMENTS

The following documents are to be used as guidance. Unless otherwise specified, the document's effective date of issue is the date on the request for proposal.

	Document Number	**Title**
a.	MIL-STD-130N	DoD Standard Practice – Identification Marking of US Military Property
b.	MIL-STD-881C	Work Breakdown Structure for Defense Materiel Items
c.	MIL-STD-1916	DoD Test Method Standard – DoD Preferred Methods for Acceptance Of Product
d.	DoDI 4151.19	DoD Instruction – Serialized Item Management (SIM) for Life-Cycle Management of Materiel, 9 Jan 14
e.	DoDI 4161.02	DoD Instruction – Accountability and Management of Government Contract Property, 27 Apr 12
f.	DoDI 8320.04	DoD Instruction – Item Unique Identification (IUID) Standards for Tangible Personal Property, 3 Sep 15
g.	DoDD 5000.01	DoD Directive – The Defense Acquisition System
h.	DoDI 5000.02	DoD Instruction – Operation of the Defense Acquisition System
i.	ISO 9001 (ANSI/ASQ Q9001)	International Organization for Standardization (American National Standard Institute/American Society for Quality) – Quality Management Systems, Requirements
j.	ISO/IEC 12207	International Organization for Standardization/ International Electrotechnical Commission: Systems and Software Engineering – Software Life Cycle Processes
k.	ISO/IEC 15288	International Organization for Standardization/ International Electrotechnical Commission: Systems and Software Engineering – System Life Cycle Processes
l.	HSPD-12	Homeland Security Presidential Directive – Policy for a Common Identification Standard for Federal Employees and Contractors, August 27, 2004
m.	DoDM-1000.13-M-V1	DoD Manual – DoD Identification Cards: ID card Life-Cycle dtd 23 Jan 14
n.	FIPS PUB 201-2	Federal Information Processing Standards Publication 201-2 – Personal Identity Verification (PIV) of Federal Employees and Contractors, August 2013
o.	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
p.	N/A	SSC Atlantic Contractor Check-in portal – https://wiki.spawar.navy.mil/confluence/display/SSCACOG/Contractor+Checkin
q.	N/A	SSC Atlantic OCONUS Travel Guide portal – https://wiki.spawar.navy.mil/confluence/display/SSCACOG/OCONUS+Travel+Guide

2.3 SOURCE OF DOCUMENTS

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

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

Dallas and Los Angeles.

Copies of military specifications may be obtained from the Commanding Officer, Naval Supply Depot, 3801 Tabor Avenue, Philadelphia, PA 19120-5099. Application for copies of other Military Documents should be addressed to Commanding Officer, Naval Publications and Forms Center, 5801 Tabor Ave., Philadelphia, PA 19120-5099.
All other commercial and industrial documents can be obtained through the respective organization's website.

2.4 ACRONYMS

AOR	Area of Responsibility
CARS	Cyber Asset Reduction and Security
C4I	Command, Control, Communications, Computers and Intelligence
CDAD	CPARS Draft Approval Document Report
CDRs	Critical Design Reviews (IRRs)
CEM/CTQM	Communication Employment Manuals, Continuing Training and Qualification Manual
CFSR	Contract Funds Status Report
CPRS	Common Problem Reporting System
COTS	Commercial Off-the-Shelf
CPU	Computer Processor Unit
CSRR	Common Submarine Radio Room
DA	Design Activities
DATO	Date After Task Order Award
DBMT	Design Build Management Team
EC's	Engineering Changes
ECP	Engineering Change Proposal
ECR	Engineering Change Request
ECS	External Communication System
EDA	Electronic Data Access
FIGS	Fault Insertion Guides
HARPS	Human Analysis Requirements Planning System
HPRR	Human Performance Readiness Review
IBR	Integrated Baseline Reviews
ILE	Integrated Learning Environment
IMO	Installation Management Office
IPR	In-Process Reviews
IRR	Installation Readiness Reviews
ISEA	In-Service Engineering Activities
KM	Knowledge Management Systems
LAN	Local Area Network
LAR	Lab Access Request
LCS	Life Cycle Support
LOE	Level of Effort
MSA	Materials Support Activity
MC	Military Characteristics
MRTS	Multi-purpose Reconfigurable Training System
NKO	Navy Knowledge Management Systems
NSS	Naval Submarine School
NTSP	Navy Training System Plan
ODC	Other Direct Costs
PARMALT	Participating Manager Alteration
PECP	Prospective Engineering Change Proposals
PDR	Preliminary Design Reviews
PRs	Problem Report
PWS	Performance Work Statement
RRL	Ready Relevant Learning
RTT	Radio Team Trainer
QAP	Quality Assurance Plan
QASP	Quality Assurance Surveillance Plan
SCANTMT	Submarine Communications and Associated Training Management Team
SFMRG	Submarine Force Mission Review Group
SHIPALTS	Ship Alteration
SIM	System Interface Manual
SLC	Submarine Learning Center
SME	Subject Matter Expert
SOD	System Overview Documents
SOW	Statement of Work
SRS	Software Requirements Specification
SRVM	System Requirement Verification Matrix
SSDD	System Specification Design Document
SSC-LANT	SPAWAR SYSTEMS CENTER ATLANTIC
SV/V	Scenario Verification/Validation
TO	Task Order
T2R2s	Team Trainer Readiness Reviews
TECD	Trainer Enhancement Change Directive

TECR	Trainer Enhancement Change Request
TMMP	Training Materials Management Plan
TPP	Training Project Plan
TSSD	Training System Support Document
TTDRG	Team Trainer Design Review Group
TTWGs	Team Trainer Working Groups
VDD	Version Description Documents
WAWF	Wide Area Workflow
WSRI	Warranty Source of Repair Instructions
WTI	Warranty Tracking Information

3.0 PERFORMANCE REQUIREMENTS

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

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

3.1. RELEVANT EXPERIENCE

The contractor shall provide technical and engineering support for Engineering Changes (ECs), modifications or improvements, evaluation of impact to Submarine C4I training systems Problem Reports (PRs) resolution and correction, Trainer Enhancement Change Request (TECR) and Scenario Verification/Validation to existing and planned Submarine C4I training systems.
The contractor shall provide support to the Material Support Activity (MSA) in developing, updating and providing technical changes and revisions to Submarine C4I training materials in response to equipment, software, operational and technical documentation changes.

3.1.1 Systems and Equipment

The contactor shall provide functional and technical expertise supporting of a wide range of DoN and DoD Business IT systems. Systems will range from client-server applications, employing interactive and batch processes, to customized web-based solutions, operating in a distributed or standalone environment. Such systems include, at a minimum:

1. Common Submarine Radio Room (CSRR)
    a. Very Low/Low Frequency systems
    b. High Frequency systems
    c. Very High Frequency systems
    d. Ultra-High Frequency systems
    e. Extremely High Frequency systems
    f. Cryptographic devices and enclosures
    g. Networks
        i. Unclassified
        ii. Confidential
        iii. Secret
        iv. Top Secret
        v. SCI
    h. Message processing
    i. Control and Management
    j. Miscellaneous
        i. Speakers
        ii. Safety
        iii. Security and privacy requirements
2. Human Analysis Requirements Planning System (HARPS)
3. Multi-purpose Reconfigurable Training System (MRTS)
4. Trainer Enhancement Change Request (TECR) data base
5. Common Problem Reporting System (CPRS) data base

3.1.2 Programs and Initiatives

The contractor shall have expertise supporting and complying with DoN and DoD enterprise initiatives. Such programs and initiatives include, at a minimum:

1. Ready Relevant Leaning (RRL)
2. Integrated Learning Environment (ILE)
3. Knowledge Management (KM) Systems
4. Navy Knowledge Operation (NKO) environment

3.2. PROGRAM MANAGEMENT

The contractor shall assist the COR, providing support at the sponsor level.

3.2.1 Program Support

The contractor shall provide program management support services for Submarine C4I Training. The contractor shall provide task order Administration in accordance with the requirements of this performance work statement. The contractor shall monitor cost, schedule and performance. The contractor shall develop and submit documentation referenced per CDRLs for task order administration.

3.2.2 Program Support Documentation

The contractor shall develop and draft Program Management (PM) documents (CDRL A001) to be provided within 30 DATO and quarterly on the 10th. At a minimum, the following documents are typical PM Deliverables that the contractor shall have knowledge writing:

3.2.2.1 Contractor shall develop and maintain a Cost and Schedule Milestones (CDRL A002) One time with revisions (ONE/R) NLT 10 DATO, revision NLT 7 days after receipt of Government review.

3.2.2.2 The contractor shall provide technical representation at reoccurring or ad hoc meetings, providing meeting agenda and minutes (CDRL A001) within 30 DATO and quarterly on the 10th.

3.2.2.3 Contractor shall provide a monthly Task Order Status Reports (TOSR) (CDRL A003) shall be developed and submitted monthly 30 DATO on the 10th of each month and due NLT 10th of each month. TOSR shall include the personnel tasked, labor hours and cost expended by work element on each CSRR system.

3.2.2.4 The contractor shall complete the Contractor CPARS Draft Approval Document (CDAD) (CDRL A004) submit 30 DATO monthly on the 10th and due NLT 10th day of the month following the end of each reporting period.

3.2.2.5 The contractor shall provide a monthly Contract Funds Status Report (CFSR), showing the monthly and cumulative costs, with the reporting period ending at the end of the month. The report shall capture adequate monitoring and tracking of cost expenditures and efforts by CLIN. Report is due 30 days after Task Order Award (DATO) (CDRL A005) and subsequently due the 10th of every month and NLT 12 working days after the contractor's monthly accounting period cutoff date.

3.2.2.6 The contractor shall provide Invoice Support Documentation of monthly invoices and supporting documentation to the COR monthly, within 24 hours after submittal of WAWF payment request (CDRL A006). Supplemental supporting documentation is due to the COR within 24 hours from time of initial request.

3.2.2.7 The contractor shall provide Limitation Notification & Rationale as required, within 24 hours of the request (CDRL A007) and or tripwire occurrence.

3.2.2.8 The contractor shall provide a quarterly Contractor Manpower Status Report (CDRL A008) on a quarterly basis with collection cut off periods (31 Dec, 31 Mar, 30 Jun, and 30 Sep).

3.2.3 Program Closeout

3.2.3.1 Contractor shall provide a Task Order Closeout Report (CDRL A009) one time, NLT 30 days after the TO completion date.

3.3 Training Support

3.3.1 Training

3.3.1.1 (CLIN 7001-PMW 770-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS. The contractor shall update requirements from cradle to grave to include requirement documentation and approval accountability. The contractor shall provide requirement documentation to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.1.2 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS, providing findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.1.3 The contractor shall perform Validation/Verification on CSRR MRTS for SSBN, SSGN, VIRGINIA, and LOS ANGELES class training systems in the Integration Testing Area (ITA) and Submarine homeport training sites.

3.3.1.4 The contractor shall provide support to Submarine C4I CSRR MRTS In-Process Reviews (IPRs), including Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for C4I Training Systems to include CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS. The contractor shall record, track, and report all action items to completion to the COR as required, within 24 hours from request (CDRL A012A012).

3.3.1.5 The contractor shall evaluate the impact of Submarine C4I CSRR MRTS training systems Problem Reports (PRs) on CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS and shall recommend resolution and correction to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.2. (CLIN 7002-PMW 770-OPN)

The contractor shall support SSC-ATL Training IPT by producing and updating the initial Navy Training System Plan (NTSP) course of instruction for systems in production, to include Human Analysis Requirements Planning System (HARPS), and shall update NTSP training requirements within HARPS for systems in

production including CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, and LBUCS.

3.3.2.1 The contractor shall provide technical representation at reoccurring or ad hoc C4I training systems meetings to support the initial training required to support programs in production to include CSRR Configuration Control Review Board, (CCRB), CSRR MRTS CCRB, Command, Control, Communications, Computers, & Intelligence Submarine Training Advisory Group (C-STAG), Submarine Force Mission Review Group (SFMRG), Team Trainer Design Working Group (TTDRG), providing reports in appropriate formats. ~~(CDRL A012).~~

3.3.2.2 The contractor shall provide technical representation at Submarine C4I working group meetings such as CSRR MRTS In-Process Reviews (IPRs), Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Design Build Management Team (DBMT), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for C4I Training Systems in production to include CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538 and LBUCS.

3.3.2.3 The contractor shall produce and update the Submarine C4I Training course of instruction for systems in production, including CSRR Delta and CSRR Difference course of instruction for SSBN, SSGN, VIRGINIA and LOS ANGELES class. The contractor shall deliver all CSRR courses of instruction to the COR as required, within 24 hours from request (CDRL A012).

3.3.2.4 The contractor shall produce Submarine C4I CSRR training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.2.5 The contractor shall conduct Scenario Verification/Validation (SV/V) on Submarine C4I CSRR MRTS and shall report results of SV/V to the COR Semi Annually, based on the SV/V schedule (CDRL A012).

3.3.2.6 The contractor shall provide Submarine C4I CSRR training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.2.7 The contractor shall conduct Scenario Verification/Validation (SV/V) on Submarine C4I CSRR MRTS and shall report results of SV/V to the COR as required, within 24 hours from request (CDRL A012).

3.3.3 (CLIN 7003-PMW 160-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGELES class submarines for Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES). The contractor shall update requirements from cradle to grave to include development of requirements documentation and approval accountability. Provide requirement documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.3.1 The contractor evaluates Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES). The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.4 (CLIN 7004-PMW 160-OPN)

The contractor shall demonstrate in-depth knowledge of Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and manage NTSP training requirements within HARPS for CSRR Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES).

3.3.4.1 The contractor shall produce and update the Submarine C4I CSRR course of instruction for systems in production, to include CSRR Delta training for CSRR Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES). The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.5 (CLIN 7005-PMW 130-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for Crypto Universal Enclosure (CUE), TACLANEs and KIVs. The contractor shall update requirements from cradle to grave to include development of requirements documentation and approval accountability. The contractor shall provide requirements documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.5.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR for Crypto Universal Enclosure (CUE), TACLANEs and KIVs. The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.6 (CLIN 7006-PMW 130-OPN)

The contractor shall maintain the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and shall maintain NTSP training requirements within HARPS for CSRR Crypto Universal Enclosure (CUE), TACLANEs and KIVs.

3.3.6.1 The contractor shall produce and update the C4I CSRR formal course of instruction for systems in production including CSRR Delta training for CSRR Crypto Universal Enclosure (CUE), TACLANEs and KIVs. The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.7 (CLIN 7007-PMW 170-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP). The contractor shall update requirements from cradle to grave to include development of requirements documentation and approval accountability. The contractor shall provide requirement documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.7.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP). The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.8 (CLIN 7008-PMW 170-OPN)

The contractor shall maintain the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and manage NTSP training requirements within HARPS for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP).

3.3.8.1 The contractor shall produce and update the Submarine C4I CSRR course of instruction for systems in production to include CSRR Delta training for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP). The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.9 (CLIN 7009-NAVSEA 07TR-ECS-OMN)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for CSRR NAVMACs. The contractor shall update requirements from cradle to grave to include development of requirement documentation and approval accountability. The contractor shall provide requirement documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.9.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR NAVMACs. The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.10 (CLIN 7010-NAVSEA 450-VIRGINIA, OHIO Replacement-SCN)
The contractor shall maintain the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and manage NTSP training requirements within HARPS for CSRR NAVMACs.

3.3.10.1 The contractor shall maintain Submarine C4I CSRR formal curriculum, CSRR Delta and CSRR Difference for CSRR NAVMACs. Deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.11 (CLIN 7011 - PMW 760 - RDT&E)
In support of COMSUBPAC N74/N75, the contractor shall create and update Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, LOS ANGLES and SEAWOLF class submarines. The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.11.1 The contractor shall create and update Submarine C4I CSRR formal curriculum, CSRR Delta and CSRR Difference for Submarine C4I training systems. The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.11.2 The contractor shall provide support to theC4I training liaison; the contractor shall provide technical representation at quarterly training meetings with all COMSUBPAC N74/N75 C4I training officers to ensure all aspects of Submarine Communications training are being addressed.

3.3.12 (CLIN 7012 -PMW 760 OPN)

The contractor shall demonstrate in-depth knowledge of Navy Training System Plan (NTSP). To include Human Analysis Requirements Planning System (HARPS) and manage NTSP training requirements within HARPS for Guided Missile Destroyer (DDG), Amphibious Transport Dock (LPD), Littoral Combat Ship (LCS), Coast Guard National Security Cutter (CGNSC) and Coast Guard Offshore Patrol Cutter (CGOPC).

3.3.12.1 The contractor shall provide technical representation at reoccurring or ad hoc C4I training systems requirement development meetings to include, MRTS CCRB, Surface Communications Training Management Meetings (SCTMT) meetings and or provide meeting agenda and minutes when directed by the COR 30 DATO. And monthly on the 10th (CDRL A012).

3.3.12.2 The contractor shall support COR with C4I MRTS In-Process Reviews (IPRs) such as Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for C4I Training Systems to include Guided Missile Destroyer (DDG), Amphibious Transport Dock (LPD), Littoral Combat Ship (LCS), Coast Guard National Security Cutter (CGNSC) and Coast Guard Offshore Patrol Cutter (CGOPC). The contractor shall record and report all action items until adjudicated by sponsor monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.12.3 The contractor shall support COR as C4I training liaison; establish a weekly and/or bi-weekly training meeting with all C4I training stakeholders to ensure all aspects of Communications training is being addressed, coordinate within 24 hours from request, as required (CDRL A012).

3.3.12.4 The contractor shall support COR by developing and or updating C4I training briefs for Design Build Management Team (DBMT) meetings by bringing issues and concerns to the forefront and acknowledging C4I training accomplishments by reporting to the COR as required, within 24 hours from request (CDRL A012).

3.3.12.5 The contractor shall demonstrate knowledge and the ability to develop and or update C4I formal curriculum, C4I Delta and C4I Difference for Guided Missile Destroyer (DDG), Amphibious Transport Dock (LPD), Littoral Combat Ship (LCS), Coast Guard National Security Cutter (CGNSC) and Coast Guard Offshore Patrol Cutter (CGOPC) class curriculum to include knowledge of Naval Education Training (NAVEDTRA) manuals 130A/132 and Training Project Plans (TPPs). Deliver all curriculums to the COR as required within 24 hours from request (CDRL A012).

3.3.12.6 The contractor shall provide communications operator and maintenance in accordance with approved Life Cycle Support (LCS) training schedule. The contract shall submit completed training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.12. 7 The contractor shall conduct Scenario Verification/Validation (SV/V) on Surface C4I MRTS. Report results of SV/V to the COR Semi Annually, twice a year based on the SV/V schedule (CDRL A012).

3.3.13 (CLIN 7013 - USMC Marine Corps System Command- PMC)

The contractor shall create and update Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for VIRGINIA, and OHIO class replacement. The contractor shall update requirements from cradle to grave to include updates to requirement documentation and approval accountability. The contractor shall provide requirements documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.13.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for VIRGINIA, and, OHIO class replacement. The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.13.2 The contractor shall perform Validation/Verification on CSRR MRTS for VIRGINIA and, OHIO class replacement training systems in the Integration Testing Area (ITA) and at Submarine homeport training sites.

3.3.13.3 The contractor shall provide technical representation at Submarine C4I CSRR MRTS In-Process Reviews (IPRs), Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for VIRGINIA and OHIO replacement class C4I Training Systems. The contractor shall record and report all action items until adjudicated by sponsor monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.13.4 The contractor shall evaluate the impact of Submarine C4I CSRR MRTS training systems Problem Report (PRs) on VIRGINIA and, OHIO replacement class, and shall provide recommendations for resolution and correction to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.13.5 The contractor shall update the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS) and manage NTSP training requirements within HARPS for VIRGINIA and OHIO replacement class.

3.3.13.6 The contractor shall update Submarine C4I CSRR formal curriculum, CSRR Delta and CSRR Difference for VIRGINIA, and, OHIO replacement class curriculum, to include Naval Education Training (NAVEDTRA) manuals 130A/132 and Training Project Plans (TPPs). The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.13.7 The contractor shall provide Submarine C4I CSRR training for VIRGINIA and OHIO replacement class, and shall submit training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.13.8 The contractor shall provide technical representation and shall record meeting agendas and minutes at reoccurring or ad hoc C4I training systems requirement development meetings to include VIRGINIA and OHIO replacement class CCRB, OHIO Team Trainer Design Working Group (TTDRG) meetings and shall provide meeting agenda and minutes to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.14 (CLIN 7101-PMW 770-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS. The contractor shall update requirements from cradle to grave to include requirement documentation and approval accountability. The contractor shall provide requirement documentation to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.14.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS, providing findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.14.2 The contractor shall perform Validation/Verification on CSRR MRTS for SSBN, SSGN, VIRGINIA, and LOS ANGELES class training systems in the Integration Testing Area (ITA) and Submarine homeport training sites.

3.3.14.3 The contractor shall provide support to Submarine C4I CSRR MRTS In-Process Reviews (IPRs), including Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for C4I Training Systems to include CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS. The contractor shall record, track, and report all action items to completion to the COR as required, within 24 hours from request (CDRL A012).

3.3.14.4 The contractor shall evaluate the impact of Submarine C4I CSRR MRTS training systems Problem Reports (PRs) on CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS and shall recommend resolution and correction to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.15. (CLIN 7102-PMW 770-OPN)The contractor shall support SSC-ATL Training IPT by producing and updating the initial Navy Training System Plan (NTSP) course of instruction for systems in production, to include Human Analysis Requirements Planning System (HARPS), and shall update NTSP training requirements within HARPS for systems in production including CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, and LBUCS.

3.3.15.1 The contractor shall provide technical representation at reoccurring or ad hoc C4I training systems meetings to support the initial training required to support programs in production to include CSRR Configuration Control Review Board, (CCRB), CSRR MRTS CCRB, Command, Control, Communications, Computers, & Intelligence Submarine Training Advisory Group (C-STAG), Submarine Force Mission Review Group (SFMRG), Team Trainer Design Working Group (TTDRG), providing reports in appropriate formats.

3.3.15.2 The contractor shall provide technical representation at Submarine C4I working group meetings such as CSRR MRTS In-Process Reviews (IPRs), Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Design Build Management Team (DBMT), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for C4I Training Systems in production to include CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538 and LBUCS.

3.3.15.3 The contractor shall produce and update the Submarine C4I Training course of instruction for systems in production, including CSRR Delta and CSRR Difference course of instruction for SSBN, SSGN, VIRGINIA and LOS ANGELES class. The contractor shall deliver all CSRR courses of instruction to the COR as required, within 24 hours from request (CDRL A012).

3.3.15.4 The contractor shall produce Submarine C4I CSRR training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.15.5 The contractor shall conduct Scenario Verification/Validation (SV/V) on Submarine C4I CSRR MRTS and shall report results of SV/V to the COR Semi Annually, based on the SV/V schedule (CDRL A012).

3.3.15.6 The contractor shall provide Submarine C4I CSRR training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.15.7 The contractor shall conduct Scenario Verification/Validation (SV/V) on Submarine C4I CSRR MRTS and shall report results of SV/V to the COR as required, within 24 hours from request (CDRL A012).

3.3.16 (CLIN 7103-PMW 160-RTD&E)
The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGELES class submarines for Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES). The contractor shall update requirements from cradle to grave to include development of requirements documentation and approval accountability. Provide requirement documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.16.1 The contractor evaluates Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES). The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.17 (CLIN 7104-PMW 160-OPN)

The contractor shall demonstrate in-depth knowledge of Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and manage NTSP training requirements within HARPS for CSRR Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES).

3.3. 17. 1 The contractor shall produce and update the Submarine C4I CSRR course of instruction for systems in production, to include CSRR Delta training for CSRR Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES). The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.18 (CLIN 7105-PMW 130-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for Crypto Universal Enclosure (CUE), TACLANEs and KIVs. The contractor shall update requirements from cradle to grave to include development of requirements documentation and approval accountability. The contractor shall provide requirements documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.18.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR for Crypto Universal Enclosure (CUE), TACLANEs and KIVs. The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.19 (CLIN 7106-PMW 130-OPN)

The contractor shall maintain the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and shall maintain NTSP training requirements within HARPS for CSRR Crypto Universal Enclosure (CUE), TACLANEs and KIVs.

3.3.19.1 The contractor shall produce and update the C4I CSRR formal course of instruction for systems in production including CSRR Delta training for CSRR Crypto Universal Enclosure (CUE), TACLANEs and KIVs. The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.20 (CLIN 7107-PMW 170-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP). The contractor shall update requirements from cradle to grave to include development of requirements documentation and approval accountability. The contractor shall provide requirement documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.20.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP). The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.21 (CLIN 7108-PMW 170-OPN)

The contractor shall maintain the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and manage NTSP training requirements within HARPS for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP).

3.3.22.1 The contractor shall produce and update the Submarine C4I CSRR course of instruction for systems in production to include CSRR Delta training for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP). The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.23. (CLIN 7109-NAVSEA 07TR-ECS-OMN)
The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for CSRR NAVMACs. The contractor shall update requirements from cradle to grave to include development of requirement documentation and approval accountability. The contractor shall provide requirement documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.23.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR NAVMACs. The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.24 (CLIN 7110-NAVSEA 450-VIRGINIA, OHIO Replacement-SCN)
The contractor shall maintain the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and manage NTSP training requirements within HARPS for CSRR NAVMACs.

3.3.24.1 The contractor shall maintain Submarine C4I CSRR formal curriculum, CSRR Delta and CSRR Difference for CSRR NAVMACs. Deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.25 (CLIN 7111 - PMW 760 - RDT&E)

In support of COMSUBPAC N74/N75, the contractor shall create and update Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, LOS ANGLES and SEAWOLF class submarines. The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.25.1 The contractor shall create and update Submarine C4I CSRR formal curriculum, CSRR Delta and CSRR Difference for Submarine C4I training systems. The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012). 3.3.25.2 The contractor shall provide support to theC4I training liaison; the contractor shall provide technical representation at quarterly training meetings with all COMSUBPAC N74/N75 C4I training officers to ensure all aspects of Submarine Communications training are being addressed.

3.3.26 (CLIN 7112 -PMW 760 OPN)

The contractor shall demonstrate in-depth knowledge of Navy Training System Plan (NTSP). To include Human Analysis Requirements Planning System (HARPS) and manage NTSP training requirements within HARPS for Guided Missile Destroyer (DDG), Amphibious Transport Dock (LPD), Littoral Combat Ship (LCS), Coast Guard National Security Cutter (CGNSC) and Coast Guard Offshore Patrol Cutter (CGOPC).

3.3.26.1 The contractor shall provide technical representation at reoccurring or ad hoc C4I training systems requirement development meetings to include, MRTS CCRB, Surface Communications Training Management Meetings (SCTMT) meetings and or provide meeting agenda and minutes when directed by the COR 30 DATO. And monthly on the 10th (CDRL A012).

3.3.26.2 The contractor shall support COR with C4I MRTS In-Process Reviews (IPRs) such as Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for C4I Training Systems to include Guided Missile Destroyer (DDG), Amphibious Transport Dock (LPD), Littoral Combat Ship (LCS), Coast Guard National Security Cutter (CGNSC) and Coast Guard Offshore Patrol Cutter (CGOPC). The contractor shall record and report all action items until adjudicated by sponsor monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.26.3 The contractor shall support COR as C4I training liaison; establish a weekly and/or bi-weekly training meeting with all C4I training stakeholders to ensure all aspects of Communications training is being addressed, coordinate within 24 hours from request, as required (CDRL A012).

3.3.26.4 The contractor shall support COR by developing and or updating C4I training briefs for Design Build Management Team (DBMT) meetings by bringing issues and concerns to the forefront and acknowledging C4I training accomplishments by reporting to the COR as required, within 24 hours from request (CDRL A012).

3.3.26.5 The contractor shall demonstrate knowledge and the ability to develop and or update C4I formal curriculum, C4I Delta and C4I Difference for Guided Missile Destroyer (DDG), Amphibious Transport Dock (LPD), Littoral Combat Ship (LCS), Coast Guard National Security Cutter (CGNSC) and Coast Guard Offshore Patrol Cutter (CGOPC) class curriculum to include knowledge of Naval Education Training (NAVEDTRA) manuals 130A/132 and Training Project Plans (TPPs). Deliver all curriculums to the COR as required within 24 hours from request (CDRL A012).

3.3.26.6 The contractor shall provide communications operator and maintenance in accordance with approved Life Cycle Support (LCS) training schedule. The contract shall submit completed training reports to the COR, as required, within 24 hours from request (CDRL A012).
3.3.26. 7 The contractor shall conduct Scenario Verification/Validation (SV/V) on Surface C4I MRTS. Report results of SV/V to the COR Semi Annually, twice a year based on the SV/V schedule (CDRL A012).

3.3.27 (CLIN 7113 - USMC Marine Corps System Command- PMC)

The contractor shall create and update Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for VIRGINIA, and OHIO class replacement. The contractor shall update requirements from cradle to grave to include updates to requirement documentation and approval accountability. The contractor shall provide requirements documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.27.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for VIRGINIA, and, OHIO class replacement. The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.27.2 The contractor shall perform Validation/Verification on CSRR MRTS for VIRGINIA and, OHIO class replacement training systems in the Integration Testing Area (ITA) and at Submarine homeport training sites.

3.3.27.3 The contractor shall provide technical representation at Submarine C4I CSRR MRTS In-Process Reviews (IPRs), Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for VIRGINIA and OHIO replacement class C4I Training Systems. The contractor shall record and report all action items until adjudicated by sponsor monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.27.4 The contractor shall evaluate the impact of Submarine C4I CSRR MRTS training systems Problem Report (PRs) on VIRGINIA and, OHIO replacement class, and shall provide recommendations for resolution and correction to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.27.5 The contractor shall update the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS) and manage NTSP training requirements within HARPS for VIRGINIA and OHIO replacement class.

3.3.27.6 The contractor shall update Submarine C4I CSRR formal curriculum, CSRR Delta and CSRR Difference for VIRGINIA, and, OHIO replacement class curriculum, to include Naval Education Training (NAVEDTRA) manuals 130A/132 and Training Project Plans (TPPs). The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.27.7 The contractor shall provide Submarine C4I CSRR training for VIRGINIA and OHIO replacement class, and shall submit training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.27.8 The contractor shall provide technical representation and shall record meeting agendas and minutes at reoccurring or ad hoc C4I training systems requirement development meetings to include VIRGINIA and OHIO replacement class CCRB, OHIO Team Trainer Design Working Group (TTDRG) meetings and shall provide meeting agenda and minutes to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.29 (CLIN 7201-PMW 770-RTD&E)The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS. The contractor shall update requirements from cradle to grave to include requirement documentation and approval accountability. The contractor shall provide requirement documentation to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.29.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS, providing findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.29.2 The contractor shall perform Validation/Verification on CSRR MRTS for SSBN, SSGN, VIRGINIA, and LOS ANGELES class training systems in the Integration Testing Area (ITA) and Submarine homeport training sites.

3.3.29.3 The contractor shall provide support to Submarine C4I CSRR MRTS In-Process Reviews (IPRs), including Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for C4I Training Systems to include CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS. The contractor shall record, track, and report all action items to completion to the COR as required, within 24 hours from request (CDRL A012).

3.3.29.4 The contractor shall evaluate the impact of Submarine C4I CSRR MRTS training systems Problem Reports (PRs) on CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS and shall recommend resolution and correction to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.30 (CLIN 7202-PMW 770-OPN)

The contractor shall support SSC-ATL Training IPT by producing and updating the initial Navy Training System Plan (NTSP) course of instruction for systems in production, to include Human Analysis Requirements Planning System (HARPS), and shall update NTSP training requirements within HARPS for systems in production including CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, and LBUCS.

3.3.30.1 The contractor shall provide technical representation at reoccurring or ad hoc C4I training systems meetings to support the initial training required to support programs in production to include CSRR Configuration Control Review Board, (CCRB), CSRR MRTS CCRB, Command, Control, Communications, Computers, & Intelligence Submarine Training Advisory Group (C-STAG), Submarine Force Mission Review Group (SFMRG), Team Trainer Design Working Group (TTDRG), providing reports in appropriate formats.

3.3.30.2 The contractor shall provide technical representation at Submarine C4I working group meetings such as CSRR MRTS In-Process Reviews (IPRs), Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Design Build Management Team (DBMT), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for C4I Training Systems in production to include CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538 and LBUCS.

3.3.30.3 The contractor shall produce and update the Submarine C4I Training course of instruction for systems in production, including CSRR Delta and CSRR Difference course of instruction for SSBN, SSGN, VIRGINIA and LOS ANGELES class. The contractor shall deliver all CSRR courses of instruction to the COR as required, within 24 hours from request (CDRL A012).

3.3.30.4 The contractor shall produce Submarine C4I CSRR training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.30.5 The contractor shall conduct Scenario Verification/Validation (SV/V) on Submarine C4I CSRR MRTS and shall report results of SV/V to the COR Semi Annually, based on the SV/V schedule (CDRL A012).

3.3.30.6 The contractor shall provide Submarine C4I CSRR training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.30.7 The contractor shall conduct Scenario Verification/Validation (SV/V) on Submarine C4I CSRR MRTS and shall report results of SV/V to the COR as required, within 24 hours from request (CDRL A012).

3.3.31 (CLIN 7203-PMW 160-RTD&E)
The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGELES class submarines for Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES). The contractor shall update requirements from cradle to grave to include development of requirements documentation and approval accountability. Provide requirement documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.31.1 The contractor evaluates Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES). The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.32 (CLIN 7204-PMW 160-OPN)

The contractor shall demonstrate in-depth knowledge of Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and manage NTSP training requirements within HARPS for CSRR Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES).

3.3.32.1 The contractor shall produce and update the Submarine C4I CSRR course of instruction for systems in production, to include CSRR Delta training for CSRR Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES). The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.33 (CLIN 7205-PMW 130-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for Crypto Universal Enclosure (CUE), TACLANEs and KIVs. The contractor shall update requirements from cradle to grave to include development of requirements documentation and approval accountability. The contractor shall provide requirements documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.33.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR for Crypto Universal Enclosure (CUE), TACLANEs and KIVs. The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.34 (CLIN 7206-PMW 130-OPN)

The contractor shall maintain the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and shall maintain NTSP training requirements within HARPS for CSRR Crypto Universal Enclosure (CUE), TACLANEs and KIVs.
3.3.34.1 The contractor shall produce and update the C4I CSRR formal course of instruction for systems in production including CSRR Delta training for CSRR Crypto Universal Enclosure (CUE), TACLANEs and KIVs. The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.35 (CLIN 7207-PMW 170-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP). The contractor shall update requirements from cradle to grave to include development of requirements documentation and approval accountability. The contractor shall provide requirement documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.35.1
The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP). The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.36 (CLIN 7208-PMW 170-OPN)

The contractor shall maintain the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and manage NTSP training requirements within HARPS for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP).

3.3.36.1 The contractor shall produce and update the Submarine C4I CSRR course of instruction for systems in production to include CSRR Delta training for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP). The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.37 (CLIN 7209-NAVSEA 07TR-ECS-OMN)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for CSRR NAVMACs. The contractor shall update requirements from cradle to grave to include development of requirement documentation and approval accountability. The contractor shall provide requirement documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.37.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR NAVMACs. The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.38 (CLIN 7210-NAVSEA 450-VIRGINIA, OHIO Replacement-SCN)
The contractor shall maintain the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and manage NTSP training requirements within HARPS for CSRR NAVMACs.

3.3.38.1 The contractor shall maintain Submarine C4I CSRR formal curriculum, CSRR Delta and CSRR Difference for CSRR NAVMACs. Deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.39 (CLIN 7211 - PMW 760 - RDT&E)
In support of COMSUBPAC N74/N75, the contractor shall create and update Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, LOS ANGLES and SEAWOLF class submarines. The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.39.1 The contractor shall create and update Submarine C4I CSRR formal curriculum, CSRR Delta and CSRR Difference for Submarine C4I training systems. The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.39.2 The contractor shall provide support to theC4I training liaison; the contractor shall provide technical representation at quarterly training meetings with all COMSUBPAC N74/N75 C4I training officers to ensure all aspects of Submarine Communications training are being addressed.

3.3.40 (CLIN 7212 -PMW 760 OPN)

The contractor shall demonstrate in-depth knowledge of Navy Training System Plan (NTSP). To include Human Analysis Requirements Planning System (HARPS) and manage NTSP training requirements within HARPS for Guided Missile Destroyer (DDG), Amphibious Transport Dock (LPD), Littoral Combat Ship (LCS), Coast Guard National Security Cutter (CGNSC) and Coast Guard Offshore Patrol Cutter (CGOPC).

3.3.40.1 The contractor shall provide technical representation at reoccurring or ad hoc C4I training systems requirement development meetings to include, MRTS CCRB, Surface Communications Training Management Meetings (SCTMT) meetings and or provide meeting agenda and minutes when directed by the COR 30 DATO. And monthly on the 10th (CDRL A012).

3.3.40.2 The contractor shall support COR with C4I MRTS In-Process Reviews (IPRs) such as Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for C4I Training Systems to include Guided Missile Destroyer (DDG), Amphibious Transport Dock (LPD), Littoral Combat Ship (LCS), Coast Guard National Security Cutter (CGNSC) and Coast Guard Offshore Patrol Cutter (CGOPC). The contractor shall record and report all action items until adjudicated by sponsor monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.40.3 The contractor shall support COR as C4I training liaison; establish a weekly and/or bi-weekly training meeting with all C4I training stakeholders to ensure all aspects of Communications training is being addressed, coordinate within 24 hours from request, as required (CDRL A012).

3.3.40.4 The contractor shall support COR by developing and or updating C4I training briefs for Design Build Management Team (DBMT) meetings by bringing issues and concerns to the forefront and acknowledging C4I training accomplishments by reporting to the COR as required, within 24 hours from request (CDRL A012).

3.3.40.5 The contractor shall demonstrate knowledge and the ability to develop and or update C4I formal curriculum, C4I Delta and C4I Difference for Guided Missile Destroyer (DDG), Amphibious Transport Dock (LPD), Littoral Combat Ship (LCS), Coast Guard National Security Cutter (CGNSC) and Coast Guard Offshore Patrol Cutter (CGOPC) class curriculum to include knowledge of Naval Education Training (NAVEDTRA) manuals 130A/132 and Training Project Plans (TPPs). Deliver all curriculums to the COR as required within 24 hours from request (CDRL A012).

3.3.40.6 The contractor shall provide communications operator and maintenance in accordance with approved Life Cycle Support (LCS) training schedule. The contract shall submit completed training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.40.7 The contractor shall conduct Scenario Verification/Validation (SV/V) on Surface C4I MRTS. Report results of SV/V to the COR Semi Annually, twice a year based on the SV/V schedule (CDRL A012).

3.3.41 (CLIN 7213 - USMC Marine Corps System Command- PMC)

The contractor shall create and update Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for VIRGINIA, and OHIO class replacement. The contractor shall update requirements from cradle to grave to include updates to requirement documentation and approval accountability. The contractor shall provide requirements documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.41.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for VIRGINIA, and, OHIO class replacement. The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.41.2 The contractor shall perform Validation/Verification on CSRR MRTS for VIRGINIA and, OHIO class replacement training systems in the Integration Testing Area (ITA) and at Submarine homeport training sites.

3.3.41.3 The contractor shall provide technical representation at Submarine C4I CSRR MRTS In-Process Reviews (IPRs), Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for VIRGINIA and OHIO replacement class C4I Training Systems. The contractor shall record and report all action items until adjudicated by sponsor monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.41.4 The contractor shall evaluate the impact of Submarine C4I CSRR MRTS training systems Problem Report (PRs) on VIRGINIA and, OHIO replacement class, and shall provide recommendations for resolution and correction to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.41.5 The contractor shall update the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS) and manage NTSP training requirements within HARPS for VIRGINIA and OHIO replacement class.

3.3.41.6 The contractor shall update Submarine C4I CSRR formal curriculum, CSRR Delta and CSRR Difference for VIRGINIA, and, OHIO replacement class curriculum, to include Naval Education Training (NAVEDTRA) manuals 130A/132 and Training Project Plans (TPPs). The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.41.7 The contractor shall provide Submarine C4I CSRR training for VIRGINIA and OHIO replacement class, and shall submit training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.41.8 The contractor shall provide technical representation and shall record meeting agendas and minutes at reoccurring or ad hoc C4I training systems requirement development meetings to include VIRGINIA and OHIO replacement class CCRB, OHIO Team Trainer Design Working Group (TTDRG) meetings and shall provide meeting agenda and minutes to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.43 (CLIN 7301-PMW 770-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS. The contractor shall update requirements from cradle to grave to include requirement documentation and approval accountability. The contractor shall provide requirement documentation to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.43.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS, providing findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.43.2 The contractor shall perform Validation/Verification on CSRR MRTS for SSBN, SSGN, VIRGINIA, and LOS ANGELES class training systems in the Integration Testing Area (ITA) and Submarine homeport training sites.

3.3.43.3 The contractor shall provide support to Submarine C4I CSRR MRTS In-Process Reviews (IPRs), including Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for C4I Training Systems to include CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS. The contractor shall record, track, and report all action items to completion to the COR as required, within 24 hours from request (CDRL A012).

3.3.43.4 The contractor shall evaluate the impact of Submarine C4I CSRR MRTS training systems Problem Reports (PRs) on CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS and shall recommend resolution and correction to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.44 (CLIN 7302-PMW 770-OPN)

The contractor shall support SSC-ATL Training IPT by producing and updating the initial Navy Training System Plan (NTSP) course of instruction for systems in production, to include Human Analysis Requirements Planning System (HARPS), and shall update NTSP training requirements within HARPS for systems in production including CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, and LBUCS.

3.3.44.1 The contractor shall provide technical representation at reoccurring or ad hoc C4I training systems meetings to support the initial training required to support programs in production to include CSRR Configuration Control Review Board, (CCRB), CSRR MRTS CCRB, Command, Control, Communications, Computers, & Intelligence Submarine Training Advisory Group (C-STAG), Submarine Force Mission Review Group (SFMRG), Team Trainer Design Working Group (TTDRG), providing reports in appropriate formats.

3.3.44.2 The contractor shall provide technical representation at Submarine C4I working group meetings such as CSRR MRTS In-Process Reviews (IPRs), Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Design Build Management Team (DBMT), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for C4I Training Systems in production to include CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538 and LBUCS.

3.3.44.3 The contractor shall produce and update the Submarine C4I Training course of instruction for systems in production, including CSRR Delta and CSRR Difference course of instruction for SSBN, SSGN, VIRGINIA and LOS ANGELES class. The contractor shall deliver all CSRR courses of instruction to the COR as required, within 24 hours from request (CDRL A012).

3.3.44.4 The contractor shall produce Submarine C4I CSRR training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.44.5 The contractor shall conduct Scenario Verification/Validation (SV/V) on Submarine C4I CSRR MRTS and shall report results of SV/V to the COR Semi Annually, based on the SV/V schedule (CDRL A012).

3.3.44.6 The contractor shall provide Submarine C4I CSRR training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.44.7 The contractor shall conduct Scenario Verification/Validation (SV/V) on Submarine C4I CSRR MRTS and shall report results of SV/V to the COR as required, within 24 hours from request (CDRL A012).

3.3.45 (CLIN 7303-PMW 160-RTD&E)
The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGELES class submarines for Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES). The contractor shall update requirements from cradle to grave to include development of requirements documentation and approval accountability. Provide requirement documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.45.1 The contractor evaluates Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES). The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.46 (CLIN 7304-PMW 160-OPN)

The contractor shall demonstrate in-depth knowledge of Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and manage NTSP training requirements within HARPS for CSRR Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES).

3.3.46.1 The contractor shall produce and update the Submarine C4I CSRR course of instruction for systems in production, to include CSRR Delta training for CSRR Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES). The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.47 (CLIN 7305-PMW 130-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for Crypto Universal Enclosure (CUE), TACLANEs and KIVs. The contractor shall update requirements from cradle to grave to include development of requirements documentation and approval accountability. The contractor shall provide requirements documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.47.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR for Crypto Universal Enclosure (CUE), TACLANEs and KIVs. The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.48 (CLIN 7306-PMW 130-OPN)

The contractor shall maintain the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and shall maintain NTSP training requirements within HARPS for CSRR Crypto Universal Enclosure (CUE), TACLANEs and KIVs.

3.3.48.1 The contractor shall produce and update the C4I CSRR formal course of instruction for systems in production including CSRR Delta training for CSRR Crypto Universal Enclosure (CUE), TACLANEs and KIVs. The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.49 (CLIN 7307-PMW 170-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP). The contractor shall update requirements from cradle to grave to include development of requirements documentation and approval accountability. The contractor shall provide requirement documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.49.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP). The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.50 (CLIN 7308-PMW 170-OPN)

The contractor shall maintain the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and manage NTSP training requirements within HARPS for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP).
3.3.50.1 The contractor shall produce and update the Submarine C4I CSRR course of instruction for systems in production to include CSRR Delta training for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP). The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.51 (CLIN 7309-NAVSEA 07TR-ECS-OMN)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for CSRR NAVMACs. The contractor shall update requirements from cradle to grave to include development of requirement documentation and approval accountability. The contractor shall provide requirement documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.51.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR NAVMACs. The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.52 (CLIN 7310-NAVSEA 450-VIRGINIA, OHIO Replacement-SCN)
The contractor shall maintain the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and manage NTSP training requirements within HARPS for CSRR NAVMACs.

3.3.52.1 The contractor shall maintain Submarine C4I CSRR formal curriculum, CSRR Delta and CSRR Difference for CSRR NAVMACs. Deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.53 (CLIN 7311 - PMW 760 - RDT&E)
In support of COMSUBPAC N74/N75, the contractor shall create and update Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, LOS ANGLES and SEAWOLF class submarines. The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.53.1 The contractor shall create and update Submarine C4I CSRR formal curriculum, CSRR Delta and CSRR Difference for Submarine C4I training systems. The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.53.2 The contractor shall provide support to theC4I training liaison; the contractor shall provide technical representation at quarterly training meetings with all COMSUBPAC N74/N75 C4I training officers to ensure all aspects of Submarine Communications training are being addressed.

3.3.54 (CLIN 7312 -PMW 760 OPN)

The contractor shall demonstrate in-depth knowledge of Navy Training System Plan (NTSP). To include Human Analysis Requirements Planning System (HARPS) and manage NTSP training requirements within HARPS for Guided Missile Destroyer (DDG), Amphibious Transport Dock (LPD), Littoral Combat Ship (LCS), Coast

Guard National Security Cutter (CGNSC) and Coast Guard Offshore Patrol Cutter (CGOPC).

3.3.54.1 The contractor shall provide technical representation at reoccurring or ad hoc C4I training systems requirement development meetings to include, MRTS CCRB, Surface Communications Training Management Meetings (SCTMT) meetings and or provide meeting agenda and minutes when directed by the COR 30 DATO. And monthly on the 10th (CDRL A012).

3.3.54.2 The contractor shall support COR with C4I MRTS In-Process Reviews (IPRs) such as Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for C4I Training Systems to include Guided Missile Destroyer (DDG), Amphibious Transport Dock (LPD), Littoral Combat Ship (LCS), Coast Guard National Security Cutter (CGNSC) and Coast Guard Offshore Patrol Cutter (CGOPC). The contractor shall record and report all action items until adjudicated by sponsor monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.54.3 The contractor shall support COR as C4I training liaison; establish a weekly and/or bi-weekly training meeting with all C4I training stakeholders to ensure all aspects of Communications training is being addressed, coordinate within 24 hours from request, as required (CDRL A012).

3.3.54.4 The contractor shall support COR by developing and or updating C4I training briefs for Design Build Management Team (DBMT) meetings by bringing issues and concerns to the forefront and acknowledging C4I training accomplishments by reporting to the COR as required, within 24 hours from request (CDRL A012).

3.3.54.5 The contractor shall demonstrate knowledge and the ability to develop and or update C4I formal curriculum, C4I Delta and C4I Difference for Guided Missile Destroyer (DDG), Amphibious Transport Dock (LPD), Littoral Combat Ship (LCS), Coast Guard National Security Cutter (CGNSC) and Coast Guard Offshore Patrol Cutter (CGOPC) class curriculum to include knowledge of Naval Education Training (NAVEDTRA) manuals 130A/132 and Training Project Plans (TPPs). Deliver all curriculums to the COR as required within 24 hours from request (CDRL A012).

3.3.54.6 The contractor shall provide communications operator and maintenance in accordance with approved Life Cycle Support (LCS) training schedule. The contract shall submit completed training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.54. 7 The contractor shall conduct Scenario Verification/Validation (SV/V) on Surface C4I MRTS. Report results of SV/V to the COR Semi Annually, twice a year based on the SV/V schedule (CDRL A012).

3.3.55 (CLIN 7313 - USMC Marine Corps System Command- PMC)

The contractor shall create and update Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for VIRGINIA, and OHIO class replacement. The contractor shall update requirements from cradle to grave to include updates to requirement documentation and approval accountability. The contractor shall provide requirements documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.55.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for VIRGINIA, and, OHIO class replacement. The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.55.2 The contractor shall perform Validation/Verification on CSRR MRTS for VIRGINIA and, OHIO class replacement training systems in the Integration Testing Area (ITA) and at Submarine homeport training sites.

3.3.55.3 The contractor shall provide technical representation at Submarine C4I CSRR MRTS In-Process Reviews (IPRs), Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for VIRGINIA and OHIO replacement class C4I Training Systems. The contractor shall record and report all action items until adjudicated by sponsor monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.55.4 The contractor shall evaluate the impact of Submarine C4I CSRR MRTS training systems Problem Report (PRs) on VIRGINIA and, OHIO replacement class, and shall provide recommendations for resolution and correction to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.55.5 The contractor shall update the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS) and manage NTSP training requirements within HARPS for VIRGINIA and OHIO replacement class.

3.3.55.6 The contractor shall update Submarine C4I CSRR formal curriculum, CSRR Delta and CSRR Difference for VIRGINIA, and, OHIO replacement class curriculum, to include Naval Education Training (NAVEDTRA) manuals 130A/132 and Training Project Plans (TPPs). The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.55.7 The contractor shall provide Submarine C4I CSRR training for VIRGINIA and OHIO replacement class, and shall submit training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.55.8 The contractor shall provide technical representation and shall record meeting agendas and minutes at reoccurring or ad hoc C4I training systems requirement development meetings to include VIRGINIA and OHIO replacement class CCRB, OHIO Team Trainer Design Working Group (TTDRG) meetings and shall provide meeting agenda and minutes to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.57 (CLIN 7401-PMW 770-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS. The contractor shall update requirements from cradle to grave to include requirement documentation and approval accountability. The contractor shall provide requirement documentation to

the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.57.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS, providing findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.57.2 The contractor shall perform Validation/Verification on CSRR MRTS for SSBN, SSGN, VIRGINIA, and LOS ANGELES class training systems in the Integration Testing Area (ITA) and Submarine homeport training sites.

3.3.57.3 The contractor shall provide support to Submarine C4I CSRR MRTS In-Process Reviews (IPRs), including Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for C4I Training Systems to include CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS. The contractor shall record, track, and report all action items to completion to the COR as required, within 24 hours from request (CDRL A012).

3.3.57.4 The contractor shall evaluate the impact of Submarine C4I CSRR MRTS training systems Problem Reports (PRs) on CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, ADVHDR and LBUCS and shall recommend resolution and correction to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.58 (CLIN 7402-PMW 770-OPN)

The contractor shall support SSC-ATL Training IPT by producing and updating the initial Navy Training System Plan (NTSP) course of instruction for systems in production, to include Human Analysis Requirements Planning System (HARPS), and shall update NTSP training requirements within HARPS for systems in production including CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538, and LBUCS.

3.3.58.1 The contractor shall provide technical representation at reoccurring or ad hoc C4I training systems meetings to support the initial training required to support programs in production to include CSRR Configuration Control Review Board, (CCRB), CSRR MRTS CCRB, Command, Control, Communications, Computers, & Intelligence Submarine Training Advisory Group (C-STAG), Submarine Force Mission Review Group (SFMRG), Team Trainer Design Working Group (TTDRG), providing reports in appropriate formats.

3.3.58.2 The contractor shall provide technical representation at Submarine C4I working group meetings such as CSRR MRTS In-Process Reviews (IPRs), Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Design Build Management Team (DBMT), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for C4I Training Systems in production to include CSRR, RFDACS, BRR-6/6B, SUBHDR, OE-538 and LBUCS.

3.3.58.3 The contractor shall produce and update the Submarine C4I Training course of instruction for systems in production, including CSRR Delta and CSRR Difference course of instruction for SSBN, SSGN, VIRGINIA and LOS ANGELES class. The contractor shall deliver all CSRR courses of instruction to the COR as required, within 24 hours from request (CDRL A012).

3.3.58.4 The contractor shall produce Submarine C4I CSRR training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.58.5 The contractor shall conduct Scenario Verification/Validation (SV/V) on Submarine C4I CSRR MRTS and shall report results of SV/V to the COR Semi Annually, based on the SV/V schedule (CDRL A012).

3.3.58.6 The contractor shall provide Submarine C4I CSRR training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.58.7 The contractor shall conduct Scenario Verification/Validation (SV/V) on Submarine C4I CSRR MRTS and shall report results of SV/V to the COR as required, within 24 hours from request (CDRL A012).

3.3.59 (CLIN 7403-PMW 160-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGELES class submarines for Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES). The contractor shall update requirements from cradle to grave to include development of requirements documentation and approval accountability. Provide requirement documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.59.1 The contractor evaluates Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES). The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.60 (CLIN 7304-PMW 160-OPN)

The contractor shall demonstrate in-depth knowledge of Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and manage NTSP training requirements within HARPS for CSRR Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES).

3.3.60.1 The contractor shall produce and update the Submarine C4I CSRR course of instruction for systems in production, to include CSRR Delta training for CSRR Advance Digital Network System (ADNS) and Consolidated Afloat Network and Enterprise Services (CANES). The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.61 (CLIN 7405-PMW 130-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for Crypto Universal Enclosure (CUE), TACLANEs and KIVs. The contractor shall update requirements from cradle to grave to include development of requirements documentation and approval accountability. The contractor shall provide requirements documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.61.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR for Crypto Universal Enclosure (CUE), TACLANEs and KIVs. The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.62 (CLIN 7306-PMW 130-OPN)

The contractor shall maintain the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and shall maintain NTSP training requirements within HARPS for CSRR Crypto Universal Enclosure (CUE), TACLANEs and KIVs.

3.3.62.1 The contractor shall produce and update the C4I CSRR formal course of instruction for systems in production including CSRR Delta training for CSRR Crypto Universal Enclosure (CUE), TACLANEs and KIVs. The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.63 (CLIN 7407-PMW 170-RTD&E)

The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP). The contractor shall update requirements from cradle to grave to include development of requirements documentation and approval accountability. The contractor shall provide requirement documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.63.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP). The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.64 (CLIN 7408-PMW 170-OPN)

The contractor shall maintain the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and manage NTSP training requirements within HARPS for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP).

3.3.64.1 The contractor shall produce and update the Submarine C4I CSRR course of instruction for systems in production to include CSRR Delta training for CSRR Digital Modular Radio (DMR), Global Broadcast System (GBS), Navy Multi-Band Terminal (NMT) and Advance Time Division Multiplex Access Interface Processor (ATIP). The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.65 (CLIN 7409-NAVSEA 07TR-ECS-OMN)
The contractor shall develop Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, and, LOS ANGLES class submarines for CSRR NAVMACs. The contractor shall update requirements from cradle to grave to include development of requirement documentation and approval accountability. The contractor shall provide requirement documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.65.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for CSRR NAVMACs. The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.66 (CLIN 7410-NAVSEA 450-VIRGINIA, OHIO Replacement-SCN)
The contractor shall maintain the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS), and manage NTSP training requirements within HARPS for CSRR NAVMACs.

3.3.66.1 The contractor shall maintain Submarine C4I CSRR formal curriculum, CSRR Delta and CSRR Difference for CSRR NAVMACs. Deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.67 (CLIN 7411 - PMW 760 - RDT&E)
In support of COMSUBPAC N74/N75, the contractor shall create and update Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for SSBN, SSGN, VIRGINIA, LOS ANGLES and SEAWOLF class submarines. The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.67.1 The contractor shall create and update Submarine C4I CSRR formal curriculum, CSRR Delta and CSRR Difference for Submarine C4I training systems. The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.67.2 The contractor shall provide support to theC4I training liaison; the contractor shall provide technical representation at quarterly training meetings with all COMSUBPAC N74/N75 C4I training officers to ensure all aspects of Submarine Communications training are being addressed.

3.3.68 (CLIN 7412 -PMW 760 OPN)

The contractor shall demonstrate in-depth knowledge of Navy Training System Plan (NTSP). To include Human Analysis Requirements Planning System (HARPS)

and manage NTSP training requirements within HARPS for Guided Missile Destroyer (DDG), Amphibious Transport Dock (LPD), Littoral Combat Ship (LCS), Coast Guard National Security Cutter (CGNSC) and Coast Guard Offshore Patrol Cutter (CGOPC).

3.3.68.1 The contractor shall provide technical representation at reoccurring or ad hoc C4I training systems requirement development meetings to include, MRTS CCRB, Surface Communications Training Management Meetings (SCTMT) meetings and or provide meeting agenda and minutes when directed by the COR 30 DATO. And monthly on the 10th (CDRL A012).

3.3.68.2 The contractor shall support COR with C4I MRTS In-Process Reviews (IPRs) such as Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for C4I Training Systems to include Guided Missile Destroyer (DDG), Amphibious Transport Dock (LPD), Littoral Combat Ship (LCS), Coast Guard National Security Cutter (CGNSC) and Coast Guard Offshore Patrol Cutter (CGOPC). The contractor shall record and report all action items until adjudicated by sponsor monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.68.3 The contractor shall support COR as C4I training liaison; establish a weekly and/or bi-weekly training meeting with all C4I training stakeholders to ensure all aspects of Communications training is being addressed, coordinate within 24 hours from request, as required (CDRL A012).

3.3.68.4 The contractor shall support COR by developing and or updating C4I training briefs for Design Build Management Team (DBMT) meetings by bringing issues and concerns to the forefront and acknowledging C4I training accomplishments by reporting to the COR as required, within 24 hours from request (CDRL A012).

3.3.68.5 The contractor shall demonstrate knowledge and the ability to develop and or update C4I formal curriculum, C4I Delta and C4I Difference for Guided Missile Destroyer (DDG), Amphibious Transport Dock (LPD), Littoral Combat Ship (LCS), Coast Guard National Security Cutter (CGNSC) and Coast Guard Offshore Patrol Cutter (CGOPC) class curriculum to include knowledge of Naval Education Training (NAVEDTRA) manuals 130A/132 and Training Project Plans (TPPs). Deliver all curriculums to the COR as required within 24 hours from request (CDRL A012).

3.3.68.6 The contractor shall provide communications operator and maintenance in accordance with approved Life Cycle Support (LCS) training schedule. The contract shall submit completed training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.68. 7 The contractor shall conduct Scenario Verification/Validation (SV/V) on Surface C4I MRTS. Report results of SV/V to the COR Semi Annually, twice a year based on the SV/V schedule (CDRL A012).

3.3.69 (CLIN 7413 - USMC Marine Corps System Command- PMC)

The contractor shall create and update Military Characteristics (MC), Software Requirements Specification (SRS), System Requirements Verification Matrix (SRVM), Training System Support Documentation (TSSD), System Interface Manual (SIM), Lab Access Request (LAR), test plans and Fault Insertion Guides (FIGs) for VIRGINIA, and OHIO class replacement. The contractor shall update requirements from cradle to grave to include updates to requirement documentation and approval accountability. The contractor shall provide requirements documentation deliverables to the COR quarterly on 15 Jan, 15 Apr, 15 Jul, & 15 Oct (CDRL A012).

3.3.69.1 The contractor shall evaluate Engineering Changes (ECs) for training impacts to Submarine C4I training systems and Submarine C4I training curriculum for VIRGINIA, and, OHIO class replacement. The contractor shall provide findings to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.69.2 The contractor shall perform Validation/Verification on CSRR MRTS for VIRGINIA and, OHIO class replacement training systems in the Integration Testing Area (ITA) and at Submarine homeport training sites.

3.3.69.3 The contractor shall provide technical representation at Submarine C4I CSRR MRTS In-Process Reviews (IPRs), Preliminary Design Reviews (PDRs), Critical Design Reviews (CDRs), Team Trainer Readiness Reviews (T2R2s), and Installation Readiness Reviews (IRRs) for VIRGINIA and OHIO replacement class C4I Training Systems. The contractor shall record and report all action items until adjudicated by sponsor monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.69.4 The contractor shall evaluate the impact of Submarine C4I CSRR MRTS training systems Problem Report (PRs) on VIRGINIA and, OHIO replacement class, and shall provide recommendations for resolution and correction to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

3.3.69.5 The contractor shall update the Navy Training System Plan (NTSP) to include Human Analysis Requirements Planning System (HARPS) and manage NTSP training requirements within HARPS for VIRGINIA and OHIO replacement class.

3.3.69.6 The contractor shall update Submarine C4I CSRR formal curriculum, CSRR Delta and CSRR Difference for VIRGINIA, and, OHIO replacement class curriculum, to include Naval Education Training (NAVEDTRA) manuals 130A/132 and Training Project Plans (TPPs). The contractor shall deliver all CSRR curriculums to the COR as required, within 24 hours from request (CDRL A012).

3.3.69.7 The contractor shall provide Submarine C4I CSRR training for VIRGINIA and OHIO replacement class, and shall submit training reports to the COR, as required, within 24 hours from request (CDRL A012).

3.3.69.8 The contractor shall provide technical representation and shall record meeting agendas and minutes at reoccurring or ad hoc C4I training systems requirement development meetings to include VIRGINIA and OHIO replacement class CCRB, OHIO Team Trainer Design Working Group (TTDRG) meetings and shall provide meeting agenda and minutes to the COR monthly, 30 DATO and monthly on the 10th (CDRL A012).

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 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 task order in the Department of Defense IT Portfolio Registry (DITPR)-DON.

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

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

4.2.1 DoN Enterprise Licensing Agreement/DoD Enterprise Software Initiative Program

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

4.2.2 DoN Application and Database Management System (DADMS)

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

4.3 SECTION 508 COMPLIANCE

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

5.0 TASK ORDER ADMINISTRATION

Task Order Administration is required; 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 coordinate performance of all requirements within the PWS with the government Contracting Officer and Contracting Officer's Representative (COR), as applicable. 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 task order. The PM shall have authority to approve task order modifications in emergent situations. Responsibilities shall also include, but not be limited to, the following: personnel management; management of government material and assets; and personnel and facility security. In support of open communication, the contractor is to initiate periodic meetings with the COR.

5.2 TASK ORDER MONITORING AND MAINTENANCE

The contractor shall have processes established in order to provide all necessary resources and documentation during various times throughout the day in order to facilitate a timely modification. To address urgent requirements, the contractor shall have processes established during business and non-business hours/days in order to provide all necessary documentation and resources when requested.

5.2.1 Task Order Administration Documentation

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

5.2.1.1 Task Order Status Report (TOSR)

Task Order Status Reports are to be developed and submitted monthly as cited in the requirements of each task order. The prime shall be responsible for collecting, integrating, and reporting all subcontractor reports. The TOSR includes the following variations of reports:

(a) Monthly TOSR – A TOSR (CDRL A003) shall be developed and submitted 30 DATO on the 10th of each month and due NLT 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 3.2.2distribution instructions. This CDRL includes a Staffing Plan (Attachment 1), Personnel Listing (Attachment 2), and Government Furnished Property (GFP) Template (Attachment 3) necessary for additional data collection.

The status report shall, as a minimum, include the following items and data:

1. Percentage of work completed per ship/sub/shore command and system
2. Percentage of funds expended per ship/sub/shore command and system
3. Updates to the Cost and Schedule Milestone (CDRL A002) One time with revisions (ONE/R) NLT 10 DATO, revision NLT 7 days after receipt of Government review, and narratives to explain any varia
4. Provide notification when obligated costs will exceed 75% of the amount authorized

(b) Data Calls – When necessary, a data call report shall be e-mailed to the COR within six working hours of the request, unless otherwise specified by task order. All information provided shall be the most current. Cost and funding data shall reflect real-time balances. Report shall account for all planned, obligated, and expended charges and hours. Depending on requirement, the report shall include the following items and data:

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

5.2.1.2 Task Order Closeout Report

A TO Closeout Report (CDRL A009) shall be developed and submitted One time, NLT 30 days after the TO completion date. Prime shall be responsible for collecting, integrating, and reporting all subcontracting information. See applicable DD Form 1423 for additional reporting details and distribution instructions.

5.2.1.3 Enterprise-wide Contractor Manpower Reporting Application

Pursuant to NMCARS 5237.102-90, the contractor shall report all contractor labor hours (including subcontractor labor hours) required for performance of services provided under this task order for the DoD via a secure data collection website – Enterprise-wide Contractor Manpower Reporting Application (eCMRA). The Product/Service Codes (PSC) for contracted services excluded from reporting are as follows:

(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://www.ecmra.mil/Default.aspx. Reporting inputs consists of labor hours executed during the task order 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/.

5.2.1.4 WAWF Invoicing Notification and Support Documentation

Pursuant to DFARS clause 252.232-7003 and 252.232-7006, the contractor shall submit payment requests and receiving reports using DoD Invoicing, Receipt, Acceptance, and Property Transfer (iRAPT) application (part of the Wide Area Work Flow (WAWF) e-Business Suite) which is a secure Government web-based system for electronic invoicing, receipt, and acceptance. 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. When requested by the COR, the contractor shall directly provide a soft copy of the invoice and any supporting invoice documentation (CDRL A003) 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.

5.2.1.5

Labor Rate Limitation Notification

For level of effort (LOE) service task orders (cost type, labor-hour and fixed-price) above the Simplified Acquisition Procedures (SAP) threshold, the contractor shall monitor the following labor rates as part of the monthly TOSR (see CDRL A001 Attachment 2of Exhibit A – Personnel Listing). The contractor shall deliver required notification if specified criteria and threshold values are met. The ability of a contractor to monitor labor rates effectively will be included in the task order Quality Assurance Surveillance Plan (QASP).

(a) Fully burdened labor rates per individual (subcontractor included) – If the fully burdened rate (including fee, which also extends to prime contractor fee on subcontractor labor) of any individual in any labor category exceeds the threshold amount of $182.00/hour and the individual's rate was not disclosed in pre-award of the task order, the contractor shall send notice and rationale (CDRL A004) for the identified labor rate to the COR who will then send appropriate notification to the Contracting Officer. If the number of hours anticipated to be billed for an *individual* within one labor category is equal to or less than 200 labor hours for any given period of performance (e.g., base period, option year 1, or option year 2) for this effort, the hours to be billed for the individual are excluded from the CDRL notification.

(b) Negotiated versus actual average labor rates variance – If the actual average labor rate (inclusive of fee) (total actual fully burdened labor costs "divided by" total number of hours performed) compared to the negotiated average labor rate (total negotiated fully burdened labor costs "divided by" total number of hours negotiated) is greater than 20 %, the contractor shall send notice and rationale (CDRL A004) of the rate variance to the COR who will then send appropriate notification to the Contracting Officer. The contractor shall annotate the monthly percentage rate variance between the actual average labor rate versus the negotiated average labor rate in the TOSR.

5.2.1.6 ODC Limitation Notification

Contractors shall monitor Other Direct Costs (ODCs) as part of the monthly TOSR. For this monitoring purpose, ODCs include incidental material, travel, and other non-labor costs (excluding subcontracting and consultant labor cost) required in performance of the service. For any given period of performance, if the cumulative total cost of ODCs exceeds the awarded total cost of ODCs (regardless of any modifications to the awarded amount) by 10%, the contractor shall send notice and rationale (CDRL A004) 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 task order QASP.

5.3 EARNED VALUE MANAGEMENT (EVM)

In accordance with DoD policy, this TO does not require Earned Value Management (EVM) implementation due to: the majority of efforts on this TO is non-scheduled based (i.e., level of effort) and does not lend itself to meaningful EVM information.

6.0 QUALITY

6.1 QUALITY SYSTEM

Upon TO award, the prime contractor shall have and maintain a quality assurance process that meets task order requirements and program objectives while ensuring customer satisfaction and defect-free products/process. The quality system shall be documented and contain procedures, planning, and all other documentation and data necessary to provide an efficient and effective quality system based on a contractor's internal auditing system.

Thirty (30) DATO the contractor shall provide to the government a copy of its Quality Assurance Plan **(**QAP) and any other quality related documents (CDRL A010**)** in the TO. The quality system shall be made 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 within 24 hours 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's quality system shall meet the following key criteria:

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

6.2 QUALITY MANAGEMENT PROCESS COMPLIANCE

6.2.1 General

The contractor shall have processes in place that shall coincide with the government's quality management processes. The contractor shall use best industry practices including, when applicable, ISO/IEC 15288 for System life cycle processes and 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 various 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 SPAWARSYSCEN Atlantic, requirements and with the SSC Engineering Process Office (EPO) Capability Maturity Model Integration (CMMI) program. As part of a team, the contractor shall support projects at SPAWARSYSCEN Atlantic, that are currently, or in the process of, being assessed under the SPAWARSYSCEN Atlantic, EPO CMMI program. The contractor shall be required to utilize the processes and procedures already established for the project and the SPAWARSYSCEN Atlantic, EPO CMMI program and deliver products that are compliant with the aforementioned processes and procedures. Although having a formal CMMI appraisal is desired, it is not required.

6.3 QUALITY ASSURANCE

The contractor shall perform all quality assurance process audits necessary in the performance of the various tasks as assigned and identified by the respective WBS, POA&M, or quality system, and the contractor shall deliver related quality plan/procedural documents upon request. The Government reserves the right to perform any additional audits deemed necessary to assure that the contractor processes and related services, documents, and material meet the prescribed requirements and to reject any or all processes or related services, documents, and material in a category when noncompliance is established.

6.4 QUALITY CONTROL

The contractor shall perform all quality control inspections necessary in the performance of the various tasks as assigned and identified by the respective WBS, POA&M, or quality system and the contractor shall submit related quality objective evidence upon request. Quality objective evidence (CDRL A010) as required, includes any of the following as applicable:

Detailed incoming receipt inspection records

First article inspection records

Certificates of Conformance

Detailed sampling inspection records based upon MIL-STD-1916 (Verification Level III)

Quality Measurement and Analysis metrics/data

The Government reserves the right to perform any inspections, as required, 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. If any quality documentation is disapproved or requires revisions, the contractor shall correct the problem(s) and submit revised documentation within 24 hours after initial disapproval notification

6.5 QUALITY MANAGEMENT DOCUMENTATION

In support of the contract's Quality Assurance Surveillance Plan (QASP**)** and Contractor Performance Assessment Reporting System (CPARS) , the contractor shall provide the following documents: Cost and Schedule Milestone Plan (CDRL A002) One time with revisions (ONE/R) NLT 10 DATO, revision NLT 7 days after receipt of Government review, and Contractor CPARS Draft Approval Document (CDAD) Report (CDRL A004) submit 30 DATO monthly on the 10th and due NLT 10th day of the month following the end of each reporting period.

7.0 DOCUMENTATION AND DELIVERABLES

7.1 TASK ORDER DATA REQUIREMENT LISTINGS (CDRLs)

The following CDRL listing identifies the data item deliverables required under this task order and the applicable section of the PWS for which they are required. Section J includes the DD Form 1423s that itemize each Contract Data Requirements List (CDRL) required under this task order. 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.

7.1.1 Administrative CDRLS

CDRL#	Description	PWS Reference Paragraph	Frequency	Date Due
A002	Cost and Schedule Milestone Plan	3.2.2.1, 5.2.1.1 (a) & 6.5	ONE/R	NLT 10 DATO; revision NLT 7 days after receipt of govt review
A003	Task Order Status Report (TOSR)	3.2.2.3, 5.2.1.1 (a), 5.2.1.4 & 8.1.2	MTHLY	30 DATO and monthly on the 10th
A004	Contractor CPARS Draft Approval Document (CDAD) Report	3.2.2.4, 5.2.1.5 (a) (b), 5.2.1.6 & 6.5	MTHLY	30 DATO monthly on the 10th and NLT 10th day of the month following the end of each reporting period
A006	Invoice Support Documentation	3.2.2.6	ASREQ	Within 24 hours after submittal of WAWF payment
A007	Limitation Notification & Rationale	3.2.2.7,	ASREQ	Within 24 hrs. from occurrence
A008	Contractor Manpower Quarterly Status Report (QSR)	3.2.2.8,	QRTLY	15 Jan, 15 Apr, 15 Jul, & 15 Oct
A009	Task Order Closeout Report	3.2.3.1, 5.2.1.2, & 11.5	ONE TIME	NLT 30 days after completion date

7.1.1.2 Technical CDRLS

CDRL#	Description	PWS Reference Paragraph	Frequency	Date Due
A001	Program Management Reports, General	3.2.2, & 3.2.2.2, 5.2.1.5	QRTLY	30 DATO and quarterly on the 10th

A005	Contract Funds Status Report (CFSR)	3.2.2.5	MTHLY	30 DATO and monthly on the 10th and NLT 12 working days after monthly cutoff date
A010	Quality Documentation	6.1 & 6.4	ASREQ	30 DATO and ASREQ subsequently
A011	Inventory Tracking Report	11.2.5	MTHLY	NLT 105 DATO and monthly on the 10th
A012	Training Documentation : Requirements Update / Development	3.3.1.1, 3.3.3, 3.3.5, 3.3.7, 3.3.9, 3.3.13, 3.3.14, 3.3.16, 3.3.18, 3.3.20, 3.3.23, 3.3.27, 3.3.29, 3.3.31, 3.3.33, 3.3.35, 3.3.37, 3.3.41, 3.3.43, 3.3.45, 3.3.47, 3.3.49, 3.3.51, 3.3.55, 3.3.57, 3.3.59, 3.3.61, 3.3.63, 3.3.65, 3.3.69	QTRLY	15 Jan, 15 Apr, 15 Jul, & 15 Oct
A012	Training Documentation: Training Curriculums, Impacts, Reviews, Reports, and Technical Representation	3.3.1.2, 3.3.1.5 3.3.5.1, 3.3.3.1, 3.3.7.1, 3.3.9.1, 3.3.12.1 , 3.3.12.2 , 3.3.13.1, 3.3.13.3, 3.3.13.4, 3.3.13.8, 3.3.14.1, 3.3.14.4, 3.3.16.1, 3.3.18.1, 3.3.20.1, 3.3.23.1, 3.3.26.1, 3.3.26.2, 3.3.27.1, 3.3.27.3, 3.3.27.4, 3.3.27.8, 3.3.29.1, 3.3.31.1, 3.3.33.1, 3.3.35.1, 3.3.37.1, 3.3.40.2, 3.3.40.1, 3.3.41.1, 3.3.41.3, 3.3.41.4, 3.3.41.8, 3.3.43.1, 3.3.43.4, 3.3.45.1, 3.3.47.1, 3.3.49.1, 3.3.51.1, 3.3.54.1, 3.3.54.2, 3.3.55.1 3.3.55.3, 3.3.55.4, 3.3.55.8, 3.3.57.1, 3.3.57.4, 3.3.59.1, 3.3.61.1, 3.3.63.1, 3.3.65.1, 3.3.68.1, 3.3.68.2, 3.3.69.1, 3.3.69.3, 3.3.69.4, 3.3.69.8,	MTHLY	30 DATO and monthly on the 10th
A012	Training Documentation: Curriculum, Record , Track, and Reports	3.3.10.1, 3.3.11, 3.3.11.1, 3.3.13.6, 3.3.1.4, 3.3.2.4, 3.3.4.1, 3.3.8.1, 3.3.2.3, 3.3.2.6, 3.3.6.1, 3.3.2.5, 3.3.12.3, 3.3.12.4,	ASREQ	Within 24 hours from request

		3.3.12.5, 3.3.12.6, 3.3.13.7, 3.3.14.3, 3.3.15.3, 3.3.15.4, 3.3.15.6, 3.3.15.7, 3.3. 17. 1, 3.3.19.1, 3.3.22.1, 3.3.24.1, 3.3.25, 3.3.25.1, 3.3.26.3, 3.3.26.4, 3.3.26.5, 3.3.26.6, 3.3.27.6, 3.3.27.7, 3.3.29.3, 3.3.30.3, 3.3.30.4, 3.3.30.6, 3.3.30.7, 3.3.32.1, 3.3.34.1, 3.3.36.1, 3.3.38.1, 3.3.39, 3.3.39.1, 3.3.40.3, 3.3.40.4, 3.3.40.5, 3.3.40.6, 3.3.41.6, 3.3.41.7, 3.3.43.3, 3.3.44.3, 3.3.44.4, 3.3.44.6, 3.3.44.7, 3.3.46.1, 3.3.50.1, 3.3.52.1, 3.3.53, 3.3.53.1, 3.3.54.3, 3.3.54.4, 3.3.54.5, 3.3.54.6, 3.3.55.6, 3.3.55.7, 3.3.57.3, 3.3.58.3, 3.3.58.4, 3.3.58.6, 3.3.58.7, 3.3.60.1, 3.3.62.1, 3.3.64.1, 3.3.66.1, 3.3.67, 3.3.67.1, 3.3.68.3, 3.3.68.4, 3.3.68.5, 3.3.68.6, 3.3.69.6, 3.3.69.7		
A012	Training Documentation: SV/V	3.3.2.7, 3.3.12.7, 3.3.15.5, 3.3.26. 7, 3.3.30.5, 3.3.40. 7, 3.3.44.5, 3.3.54. 7, 3.3.58.5, 3.3.68. 7	SEMI ANNUALLY	based on the SV/V schedule

7.2 ELECTRONIC FORMAT

At a minimum, 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 administrative documentation are provided in a format approved by the receiving government representative. The contractor shall provide all data in an editable format compatible with SPAWARSYSCEN Atlantic corporate standard software configuration as specified below. Contractor shall conform to SPAWARSYSCEN Atlantic corporate standards within 30 days of task order award unless otherwise specified.

	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
J	Documentation	Adobe PRO DC

7.3 INFORMATION SYSTEM

7.3.1 Electronic Communication

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

7.3.2 Information Security

Pursuant to DoDM 5200.01, the contractor shall provide adequate security for all unclassified DoD information passing through non-DoD information system including all subcontractor information systems utilized on task order. 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 task order, and privileged task order information (e.g., program schedules, task order-related tracking).

7.3.2.1 Safeguards

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

(a) Do not process DoD information on public computers (e.g., those available for use by the general public in kiosks or hotel business centers) or computers that do not have access control.

(b) Protect information by at least one physical or electronic barrier (e.g., locked container or room, login and password) when not under direct individual control.

(c) Sanitize media (e.g., overwrite) before external release or disposal.

(d) Encrypt all information that has been identified as controlled unclassified information (CUI) when it is stored on mobile computing devices such as laptops and personal digital assistants, or removable storage media such as portable hard drives and digital optical disks, using DoD Authorized Data-at-Rest encryption technology. NOTE: Thumb drives are not authorized for DoD work, storage, or transfer. Use GSA Awarded DAR solutions (GSA # 10359) complying with ASD-NII/DOD-CIO Memorandum, "Encryption of Sensitive Unclassified Data-at-Rest on Mobile Computing Devices and Removable Storage." The contractor shall ensure all solutions meet FIPS 140-2 compliance requirements.

(e) Limit information transfer to subcontractors or teaming partners with a need to know and a commitment to at least the same level of protection.

(f) Transmit e-mail, text messages, and similar communications using technology and processes that provide the best level of privacy available, given facilities, conditions, and environment. Examples of recommended technologies or processes include closed networks, virtual private networks, public key-enabled encryption, and Transport Layer Security (TLS). Encrypt organizational wireless connections and use encrypted wireless connection where available when traveling. If encrypted wireless is not available, encrypt application files (e.g., spreadsheet and word processing files), using at least application-provided password protection level encryption.

(g) Transmit voice and fax transmissions only when there is a reasonable assurance that access is limited to authorized recipients.

(h) Do not post DoD information to Web site pages that are publicly available or have access limited only by domain or Internet protocol restriction. Such information may be posted to Web site pages that control access by user identification or password, user certificates, or other technical means and provide protection via use of TLS or other equivalent technologies. Access control may be provided by the intranet (vice the Web site itself or the application it hosts).

(i) Provide protection against computer network intrusions and data exfiltration, minimally including the following:

1. Current and regularly updated malware protection services, e.g., anti-virus, anti-spyware.

2. Monitoring and control of inbound and outbound network traffic as appropriate (e.g., at the external boundary, sub-networks, individual hosts) including blocking unauthorized ingress, egress, and exfiltration through technologies such as firewalls and router policies, intrusion prevention or detection services, and host-based security services.

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

(j) 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 task order or agreement requirements and mechanisms.

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

8.0 SECURITY

8.1 ORGANIZATION

8.1.1 Security Classification

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

The following PWS task(s) requires access to classified information up to the level of SECRET: PWS Paragraphs: 3.2 through 3.2.3.1. The following PWS task(s) requires access to classified information up to the level of TOP SECRET/SCI: PWS Paragraphs: 3.3.1.1 and 3.3.1.5. PWS task(s) Paragraphs 3.3.2 through 3.3.13.8 do not required access to classified information

U.S. Government security clearance eligibility is required to access and handle classified and certain controlled unclassified information (CUI), attend program meetings, and/or work within restricted areas unescorted. Access to SCI will be limited to U.S. Government Facilities or other U.S. Government sponsored SCI Facilities (SCIFs) authorized on the DD254 (Exhibit A). Generation of SCI deliverables is not authorized. Specific access levels by position are listed in the table below.

Labor Category	NACI / Unclassified	SECRET	TOP SECRET /SCI
Program Manager		1	
Administrative Assistant		1	
Training Specialist 3			1
Technical Writer/Editor 1			1
Subject Matter Expert (SME) 4			1

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 task order. The FSO shall be responsible for tracking the security requirements for all personnel (subcontractors included) utilized on this task order. Responsibilities include entering and updating the personnel security related and mandatory training information within the Staffing Plan document, which is part of TOSR **(**CDRL A003 - Attachment 1) submit 30 DATO on the 10th of each month and due NLT 10th of each month for those months the TO is active. Applicable Staffing Plan sheets include: Security Personnel Tracking sheet, CAC SPAWAR Badge Tracking sheet, Mandatory Training Sheet. FSO shall have a clearance equal to or higher that the FCL required on this task order.

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 task order, the contractor shall ensure all personnel (including administrative and subcontractor personnel) have obtained and can maintain favorable background investigations at the appropriate level(s) for access required for the task order, and 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 SPAWARSYSCEN Atlantic information. *Cost to meet these security requirements is not directly chargeable to task order.*

NOTE: If a final determination is made that an individual does not meet or cannot maintain the minimum fitness standard, the contractor shall permanently remove the individual from SPAWARSYSCEN 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 SPAWARSYSCEN 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 order.

8.2.1 Personnel Clearance
Some personnel associated with this task order shall possess a SECRET personnel security clearance (PCL). Some of the individual subtasks within this Performance Work Statement (PWS) will require personnel to possess higher clearance levels such as TOP SECRET with SSBI. At the Government's request, on a case-by case basis, Top Secret (TS) clearances that consist of a Single Scope Background Investigation (SSBI) are eligible for access to Sensitive Compartmented Information (SCI). These programs/tasks include, as a minimum, contractor personnel having the appropriate clearances required for

access to classified data as applicable. Prior to starting work on the task, contractor personnel shall have the required clearance granted by the Department of Defense Consolidated Adjudications Facility (DoD CAF) and shall comply with IT access authorization requirements. In addition, contractor personnel shall possess the appropriate IT level of access for the respective task and position assignment as applicable per DoDI 8500.01, DoD Instruction for Cybersecurity. Any future revision to the respective directive and instruction will be applied via a task order modification. Contractor personnel shall handle and safeguard any Controlled Unclassified Information (CUI) and/or classified information in accordance with appropriate Department of Defense, Navy, and SPAWARSYSCEN Atlantic security regulations. The contractor shall immediately report any security violation to the SPAWARSYSCEN Atlantic Security Management Office, the COR, and Government Project Manager. Foreign national employees employed in their home countries shall meet equivalent host U.S. Installation Command security requirements and Status of Forces Agreement (SOFA).

8.2.2 Access Control of Contractor Personnel

8.2.2.1 Physical Access to Government Facilities and Installations

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

(a) The majority of government facilities require contractor personnel to have an approved visit request on file at the facility/installation security office prior to access. The contractor shall initiate and submit a request for visit authorization to the COR in accordance with DoD 5220.22-M (NISPOM) not later than one (1) week prior to visit – timeframes may vary at each facility/ installation. For admission to SPAWARSYSCEN 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 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: SPAWARSYSCEN Atlantic facilities located on Joint Base Charleston require a Common Access Card (CAC) each time physical installation access is required. Contractor shall contact SPAWARSYSCEN Atlantic Security Office directly for latest policy.

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

8.2.2.2 Identification and Disclosure Requirements

Pursuant to DFARS 211.106, Contractors shall take all means necessary to not represent themselves as government employees. All Contractor personnel shall follow the identification and disclosure requirement 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.

8.2.2.3 Government Badge Requirements

As specified in contract clause 5252.204-9202, some task order personnel shall require a government issued picture badge. While on government installations/facilities, contractors shall abide by each site's security badge requirements. Various government installations are continually updating their security requirements to meet Homeland Security Presidential Directive (HSPD-12) identification standards. Contractors are responsible for obtaining and complying with the latest security identification requirements for their personnel. Contractors shall submit valid paper work (e.g., site visit request, request for picture badge, and/or SF-86 for Common Access Card (CAC)) to the applicable government security office via the task order COR. The contractor's appointed Security Officer shall track all personnel holding local government badges.

8.2.2.4 Common Access Card (CAC) Requirements

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

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

1. Eligibility for a CAC – to be eligible for a CAC, Contractor personnel's access requirement shall meet one of the following three criteria: (a) individual requires access to multiple DoD facilities or acces 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 o 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 authori 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 v 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 SPAWARSYSCEN 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 lis 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 (unex State or Federal Government-issued picture identification (ID). The identity documents will be inspected for authenticity, scanned, and stored in the DEERS.

(b) When a contractor requires logical access to a government IT system or resource (directly or indirectly), the required CAC will have a Public Key Infrastructure (PKI). A hardware solution and software (e.g., ActiveGold) is required to securely read the card via a personal computer. Pursuant to DoDM 1000.13-M-V1, CAC PKI certificates will be associated with an official government issued e-mail address (e.g. .mil, .gov, .edu). Prior to receipt of a CAC with PKI, contractor personnel shall complete the mandatory Cybersecurity Awareness training and submit a signed System Authorization Access Request Navy (SAAR-N) form to the task order's specified COR. Note: In order for personnel to maintain a CAC with PKI, each contractor employee shall complete annual cybersecurity training. The following guidance for training and form submittal is provided; however, contractors shall seek latest guidance from their appointed company Security Officer and the SPAWARSYSCEN 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 SPAWARSYSCEN 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 o online at https://iase.disa.mil/Pages/index.aspx.
2. For SAAR-N form, the contractor shall use **OPNAV 5239/14 (Rev 9/2011)**. Contractors can obtain a form from the SPAWARSYSCEN 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_secmgt@navy.mil.

8.2.2.5 Contractor Check-in and Check-out Procedures

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

8.2.2.6 Accessing Navy Enterprise Resources Planning (ERP) System

Contractor personnel shall not access the Navy Enterprise Resource Planning (Navy ERP) system.

8.2.3 Security Training

Regardless of the task order 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 SPAWARSYSCEN Atlantic Badge; Cybersecurity training; Privacy Act training; Personally Identifiable Information (PII) training; Cybersecurity Workforce (CSWF) certifications. The contractor shall educate employees on the

procedures for the handling and production of classified material and documents, and other security measures as described in the PWS in accordance with DoD 5220.22-M.

8.2.4 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 task order termination depending on the severity of the disclosure. Upon discovery of a PII breach, the contractor shall immediately notify the Contracting Officer and COR. Contractors responsible for the unauthorized disclosure of PII shall be held accountable for any costs associated with breach mitigation, including those incurred as a result of having to notify personnel.

8.3 OPERATIONS SECURITY (OPSEC) REQUIREMENTS

Security programs are oriented towards protection of classified information and material. Operations Security (OPSEC) is an operations function which involves the protection of any critical information – focusing on unclassified information that may be susceptible to adversary exploitation. Pursuant to DoDD 5205.02E and SPAWARINST 3432.1, SPAWARSYSCEN Atlantic’s OPSEC program implements requirements in DoD 5205.02-M – OPSEC Program Manual. Note: OPSEC requirements are applicable when task order 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 development their own internal OPSEC program specific to the task order and based on SPAWARSYSCEN Atlantic OPSEC requirements. At a minimum, the contractor’s program shall identify the current SPAWARSYSCEN Atlantic site OPSEC Officer/Coordinator.

8.3.2 OPSEC Training

Contractor shall track and ensure applicable personnel receive initial and annual OPSEC awareness training. Training may be provided by the government or a contractor’s OPSEC Manager. Contractor training shall, as a minimum, cover OPSEC as it relates to task order work, discuss the Critical Information applicable in the task order, 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 SPAWARSYSCEN Atlantic OPSEC Officer, who will ensure it is consistent with SPAWARSYSCEN Atlantic OPSEC policies. OPSEC training requirements are applicable for personnel during their entire term supporting SPAWAR task orders.

8.3.3 SPAWARSYSCEN Atlantic OPSEC Program

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

8.3.4 Classified Task Orders

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

8.4 DATA HANDLING AND USER CONTROLS

8.4.1 Data Handling

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

8.4.2 Effective Use of Controls

The contractor shall screen all electronic deliverables or electronically provided information for malicious code using DoD approved anti-virus software prior to delivery to the Government. The contractor shall utilize appropriate controls (firewalls, password protection, encryption, and digital certificates) at all times to protect contract related information processed, stored or transmitted on the contractor’s and Government’s computers/servers to ensure confidentiality, integrity, availability, authentication and non-repudiation. The contractor shall ensure provisions are in place that will safeguard all aspects of information operations pertaining to this task order 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

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

10.0 CONTRACTOR FACILITIES

This task order will require close liaison with the government. The contractor shall be prepared to establish a local facility within a thirty (30)-mile radius of SPAWARSYSCEN Atlantic. Close proximity allows for proper task order administration duties. The contractor’s facility is not necessary for the exclusive use of this task order and can be utilized on a shared basis. The contractor’s local facility shall include sufficient physical security to protect government assets. The contractor’s facility shall meet all location and size requirements to perform work requirements within 30 days after task order task order award. Facility space shall include offices, conference rooms and a staging area for materials and equipment.

11.0 TASK ORDER PROPERTY ADMINISTRATION

GFP Clause		**PWS Ref Para**
52.245-1	Government Property (Apr 2012)	11.1.2.1, 11.2.1, & 11.2.5,
52.245-9	Use and Charges (Apr 2012)	11.1.2
252.211-7007	Reporting of Government-Furnished Property (Aug 2012)	11.2.1, 11.2.4, 11.2.5
252.245-7001	Tagging, Labeling, and Marking of Government-Furnished Property (Apr 2012)	11.2.4
252.245-7002	Reporting Loss of Government Property (Apr 2012)	11.4
252.245-7003	Contractor Property Management System Administration (Apr 2012)	11.2.1
252.245-7004	Reporting, Reutilization, and Disposal (Mar 2015)	11.5

11.1 PROPERTY TYPES

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

11.1.1 Intangible Property – Intellectual

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 task order. 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, and schedules).

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

The following table lists GFI for NAVY Training documents available after TO award.
Items 1-5: Submarine C4I Training System documents

Item #	Description	GFI Estimated Delivery Date
1	Requirements Specifications	14 days after TO Award
2	Test Plan	14 days after TO Award
3	Support Documents	14 days after TO Award
4	Interface Manual	14 days after TO Award
5	Requirement Verification Matrix	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, and real property. GP used on this task order includes both Government Furnished Property (GFP) and Contractor Acquired Property (CAP) but does not include intellectual property (such as, GFI) and software.

11.1.2.1. Government Furnished Property (GFP)
As defined in FAR Part 45, GFP is property in the possession of, or directly acquired by the Government and subsequently furnished to the contractor for performance of a task order. GFP includes, but is not limited to, spares and property furnished for repairs, maintenance, overhaul, or modification.

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

(a) Government Furnished Equipment (GFE) – Property, Plant and Equipment (PP&E) which are tangible items that are functionally complete for their intended purpose, durable, nonexpendable, and needed for the performance of a task order. Equipment is not intended for sale and does not ordinarily lose its identity or become a component part of another article when put into use. GFE will be provided and is identified in the Consolidated Government Furnished Property form, Exhibit B. This GFE is being transferred to this task order from task order N65236-12-D-5832, task order 0005.

(b) No Government-Furnished Material (GFM) will be provided on this task order.

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

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

11.1.2.2 Contractor-acquired Property (CAP)
No CAP is anticipated to be required on this task order.

11.2 GOVERNMENT PROPERTY TRACKING AND MANAGEMENT

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

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

11.2.3 Property Transfer between Government and Contractors
Contractors shall not take receipt or transfer custody of any GFP unless the item is specifically promised on the GFP Attachment. Contractor shall ensure the GFP reporting requirements of DFARS clause 252.211-7007 are complied with. The primary and preferred means to do this is via electronic transaction reporting via Invoicing, Receipt and Property Transfer (iRAPT), an application within Wide Area Workflow (WAWF). This will automatically transmit the GFP custody data to the GFP Repository within the Item Unique Identification (IUID) Registry. Subsequent transaction reporting is also required for serially managed items.

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

11.2.4 GFP Tagging, Labeling and Marking
Pursuant to DFARS clause 252.245-7001, contractor shall tag, label, or mark all serially managed GFP items not previously tagged, labeled, or marked. This requirement does not specifically refer to an IUID tag, label or mark.

11.2.5 Government Property Records
Pursuant to FAR clause 52.245-1, contractors and any subcontractors if applicable shall be responsible for establishing and maintaining records of Government Property in their possession – this includes GFP via

monthly Inventory Tracking Report (CDRL A011) NLT 105 DATO and on the 10th of each month.

The contractor shall ensure GFP records contain, at a minimum, the data elements as described in FAR clause 52.245-1 and that GFP records also contain the data elements specified in DFARS clause 252.211-7007.

11.2.5.1 For all GFP items including laptops (required to be identified on the applicable task order Consolidated Government Furnished Property form) removed from a government facility, the contractor employee shall possess at all times a government signed copy of the DD1149 specifying task order and applicable TO number, company name, model number, and serial number of the computer. For GFP laptops assigned to contractor employees, in addition to the signed DD1149, a contractor-generated property pass with the employee's name may be attached to validate possession in accordance with applicable company internal procedures.

11.3 GOVERNMENT PROPERTY TRANSFERRING ACCOUNTABILITY

GFP cannot be transferred between task orders unless approval is obtained from the Contracting Officer, proper identification/tracking is maintained, and modifications are issued to both affected task orders. Contractor shall ensure they have all necessary documentation required for authorized transfer of property from one task order to another. The contractor shall ensure transfer documentation specify the type, quantity and acquisition cost of each item being transferred.

11.4 GOVERNMENT PROPERTY LOST OR DAMAGED ITEMS

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

11.5 GOVERNMENT PROPERTY INVENTORY DISPOSITION

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

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

When GFP is specific to a single task order, the contractor shall include a final inventory reporting list in the TO Closeout Report (CDRL A009) submitted one time NLT 30 days after Task order completion date. At the time of the Contractor's regular annual inventory, the Contractor shall provide the PCO, via the assigned Property Administrator, a copy of the physical inventory listing. All contractor personnel shall be responsible for following the company's internal inventory management procedures and correcting any problems noted by the government property administrator.

11.6 GOVERNMENT PROPERTY PERFORMANCE EVALUATION

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

12.0 SAFETY ISSUES

12.1 OCCUPATIONAL SAFETY AND HEALTH REQUIREMENTS

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

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

13.0 SMALL BUSINESS SUBCONTRACTING PLAN

Pursuant to FAR clause 52.219-9, the contractor shall effectively implement their government approved Small Business Subcontracting Plan throughout the life of the task order. The contractor shall provide for maximum practicable opportunity for Small Business to participate in task order performance consistent with efficient task order performance. The contractor shall document they have provided their best attempt to meet all terms and conditions in the task order relating to Small Business participation. Inability to adhere to an effective subcontracting program will negatively affect a contractor's annual government Contractor Performance Assessment Report (CPAR) rating.

14.0 TRAVEL

14.1 LOCATIONS

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.

3.3.1.1 (CLIN 9001, 9101, 9201, 9301, 9401)

# Trips	# People	# Days/Nights	From (Location)	To (Location)
1	1	5/4	Charleston, SC	Newport, RI

3.3.1.2 (CLIN 9002, 9102, 9202, 9302, 9402)

# Trips	# People	# Days/Nights	From (Location)	To (Location)
3	2	5/4	Charleston, SC	San Diego, CA
1	1	5/4	Charleston, SC	Kings Bay, GA
1	2	5/4	Charleston, SC	Bangor, WA
3	1	5/4	Charleston, SC	Groton, CT
1	1	5/4	Charleston, SC	Pearl Harbor, HI
1	1	5/4	Charleston, SC	Norfolk, VA
1	1	5/4	Charleston, SC	Guam

3.3.9 (CLIN 9009, 9109, 9209, 9309, 9409)

# Trips	# People	# Days/Nights	From (Location)	To (Location)
1	2	5/4	Charleston, SC	Bethesda, MD
1	1	5/4	Charleston, SC	Orlando, FL

3.3.1.12 (CLIN 9012, 9112, 9212, 9312, 9412)

# Trips	# People	# Days/Nights	From (Location)	To (Location)
1	2	5/4	Charleston, SC	Bethesda, MD
1	1	5/4	Charleston, SC	Orlando, FL

3.3.14 (CLIN 9014, 9114, 9214, 9314, 9414)

# Trips	# People	# Days/Nights	From (Location)	To (Location)
2	2	5/4	Charleston, SC	Victoria, Canada
2	2	5/4	Charleston, SC	Perth, Australia
2	2	5/4	Charleston, SC	Portsmouth, England

15.0 COR DESIGNATION

The Contracting Officer Representative (COR) for this task order is Peter L. Munster, 41140 who can be reached at phone (843) 218-2645; e-mail: peter.l.munster@navy.mil.

16.0 TRANSPORTATION OF EQUIPMENT/MATERIAL

No transportation of equipment/material is required by the contractor on this TO.

17.0 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).

18.0 OTHER CONDITIONS/REQUIREMENTS

18.1 NON-DISCLOSURE AGREEMENT (NDA) REQUIREMENTS

All contractor personnel who receive or have access to proprietary information shall sign and abide by a non-disclosure agreement.

18.2 FUNDING ALLOCATION

This task order is funded with multiple appropriations with various Accounting Classificatio3.3.n Reference Numbers (ACRNs) which may or may not cross multiple task order performance years. Depending on the services performed and the applicable timeframe, the contractor shall invoice cost in accordance with Section B, Section C, and Section G of the task order award. Unless otherwise advised, the contractor shall itemize all summary of work and financial information in the TOSR CDRL by each task order 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]

Section D - Packaging and Marking

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

Section E - Inspection and Acceptance

CLAUSE INCORPORATED BY REFERENCE

52.246-5 Inspection Of Services Cost-Reimbursement (APR 1984)

Inspection and acceptance of the services to be furnished hereunder shall be made at destination by the COR.

Section F - Deliveries or Performance

CLIN - DELIVERIES OR PERFORMANCE

CLAUSES INCORPORATED BY REFERENCE

52.242-15 Stop-Work Order AUG 1999

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

The Period of Performance of the following Firm line Items are as follows:

7001	08/29/2018 - 08/28/2019
7002	08/29/2018 - 08/28/2019
7003	08/29/2018 - 08/28/2019
7004	08/29/2018 - 08/28/2019
7005	08/29/2018 - 08/28/2019
7006	08/29/2018 - 08/28/2019
7007	08/29/2018 - 08/28/2019
7008	08/29/2018 - 08/28/2019
7009	08/29/2018 - 08/28/2019
7010	08/29/2018 - 08/28/2019
7011	08/29/2018 - 08/28/2019
7012	08/29/2018 - 08/28/2019
7013	08/29/2018 - 08/28/2019
7014	08/29/2018 - 08/28/2019
7102	08/29/2019 - 08/28/2020
7201	03/25/2021 - 08/28/2021
7202	11/25/2020 - 08/28/2021
7208	08/29/2020 - 08/28/2021
7301	08/29/2021 - 08/28/2022
9001	08/29/2018 - 08/28/2019
9002	08/29/2018 - 08/28/2019
9003	08/29/2018 - 08/28/2019
9004	08/29/2018 - 08/28/2019
9005	08/29/2018 - 08/28/2019
9006	08/29/2018 - 08/28/2019
9007	08/29/2018 - 08/28/2019
9008	08/29/2018 - 08/28/2019
9009	08/29/2018 - 08/28/2019
9010	08/29/2018 - 08/28/2019

9011	08/29/2018 - 08/28/2019
9012	08/29/2018 - 08/28/2019
9013	08/29/2018 - 08/28/2019
9014	08/29/2018 - 08/28/2019
9102	08/29/2019 - 08/28/2020
9201	03/25/2021 - 08/28/2021
9202	11/25/2020 - 08/28/2021
9301	08/29/2021 - 08/28/2022

If exercised, the period of performance for the options are one year from date of award for the following Option Items:

Option Year 1: 7101 thru 7114 & 9101 thru 9114

Option Year 2: 7201 thru 7214 & 9201 thru 9214

Option Year 3: 7301 thru 7314 & 9301 thru 9314

Option Year 4: 7401 thru 7414 & 9401 thru 9414

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".

The Period of Performance of the following Firm items are as follows:

7001	08/29/2018 - 08/28/2019
7002	08/29/2018 - 08/28/2019
7003	08/29/2018 - 08/28/2019
7004	08/29/2018 - 08/28/2019
7005	08/29/2018 - 08/28/2019
7006	08/29/2018 - 08/28/2019
7007	08/29/2018 - 08/28/2019
7008	08/29/2018 - 08/28/2019
7009	08/29/2018 - 08/28/2019
7010	08/29/2018 - 08/28/2019
7011	08/29/2018 - 08/28/2019
7012	08/29/2018 - 08/28/2019
7013	08/29/2018 - 08/28/2019
7014	08/29/2018 - 08/28/2019
7102	08/29/2019 - 08/28/2020
7201	03/25/2021 - 08/28/2021

7202	11/25/2020 - 08/28/2021
7208	08/29/2020 - 08/28/2021
7301	08/29/2021 - 08/28/2022
9001	08/29/2018 - 08/28/2019
9002	08/29/2018 - 08/28/2019
9003	08/29/2018 - 08/28/2019
9004	08/29/2018 - 08/28/2019
9005	08/29/2018 - 08/28/2019
9006	08/29/2018 - 08/28/2019
9007	08/29/2018 - 08/28/2019
9008	08/29/2018 - 08/28/2019
9009	08/29/2018 - 08/28/2019
9010	08/29/2018 - 08/28/2019
9011	08/29/2018 - 08/28/2019
9012	08/29/2018 - 08/28/2019
9013	08/29/2018 - 08/28/2019
9014	08/29/2018 - 08/28/2019
9102	08/29/2019 - 08/28/2020
9201	03/25/2021 - 08/28/2021
9202	11/25/2020 - 08/28/2021
9301	08/29/2021 - 08/28/2022

The Period of Performance of the following Option items are as follows:

7101	08/29/2019 - 08/28/2020
7103	08/29/2019 - 08/28/2020
7104	08/29/2019 - 08/28/2020
7105	08/29/2019 - 08/28/2020
7106	08/29/2019 - 08/28/2020
7107	08/29/2019 - 08/28/2020
7108	08/29/2019 - 08/28/2020
7109	05/04/2019 - 05/03/2020
7110	08/29/2019 - 08/28/2020
7111	08/29/2019 - 08/28/2020
7112	08/29/2019 - 08/28/2020
7113	08/29/2019 - 08/28/2020
7114	08/28/2019 - 08/28/2020
7203	08/29/2020 - 08/28/2021
7204	08/29/2020 - 08/28/2021
7205	08/29/2020 - 08/28/2021
7206	08/29/2020 - 08/28/2021
7207	08/29/2020 - 08/28/2021

7209	08/29/2020 - 08/28/2021
7210	08/29/2020 - 08/28/2021
7211	08/29/2020 - 08/28/2021
7212	08/29/2020 - 08/28/2021
7213	08/29/2020 - 08/28/2021
7214	08/29/2020 - 08/28/2021
7302	05/04/2021 - 05/03/2022
7303	05/04/2021 - 05/03/2022
7304	05/04/2021 - 05/03/2022
7305	05/04/2021 - 05/03/2022
7306	05/04/2021 - 05/03/2022
7307	05/04/2021 - 05/03/2022
7308	05/04/2021 - 05/03/2022
7309	05/04/2021 - 05/03/2022
7310	05/04/2021 - 05/03/2022
7311	05/04/2021 - 05/03/2022
7312	05/04/2021 - 05/03/2022
7313	05/04/2021 - 05/03/2022
7314	05/04/2021 - 05/03/2022
7401	05/04/2022 - 05/03/2023
7402	05/04/2022 - 05/03/2023
7403	05/04/2022 - 05/03/2023
7404	05/04/2022 - 05/03/2023
7405	05/04/2022 - 05/03/2023
7406	05/04/2022 - 05/03/2023
7407	05/04/2022 - 05/03/2023
7408	05/04/2022 - 05/03/2023
7409	05/04/2022 - 05/03/2023
7410	05/04/2022 - 05/03/2023
7411	05/04/2022 - 05/03/2023
7412	05/04/2022 - 05/03/2023
7413	05/04/2022 - 05/03/2023
7414	05/04/2022 - 05/03/2023
9101	08/29/2019 - 08/28/2020
9103	08/29/2019 - 08/28/2020
9104	08/29/2019 - 08/28/2020
9105	08/29/2019 - 08/28/2020
9106	08/29/2019 - 08/28/2020
9107	08/29/2019 - 08/28/2020
9108	08/29/2019 - 08/28/2020
9109	08/29/2019 - 08/28/2020

9110	08/29/2019 - 08/28/2020
9111	08/29/2019 - 08/28/2020
9112	08/29/2019 - 08/28/2020
9113	08/29/2019 - 08/28/2020
9114	08/29/2019 - 08/28/2020
9203	08/29/2020 - 08/28/2021
9204	08/29/2020 - 08/28/2021
9205	08/29/2020 - 08/28/2021
9206	08/29/2020 - 08/28/2021
9207	08/29/2020 - 08/28/2021
9208	08/29/2020 - 08/28/2021
9209	08/29/2020 - 08/28/2021
9210	08/29/2020 - 08/28/2021
9211	08/29/2020 - 08/28/2021
9212	08/29/2020 - 08/28/2021
9213	08/29/2020 - 08/28/2021
9214	08/29/2020 - 08/28/2021
9302	05/04/2021 - 05/03/2022
9303	05/04/2021 - 05/03/2022
9304	05/04/2021 - 05/03/2022
9305	05/04/2021 - 05/03/2022
9306	05/04/2021 - 05/03/2022
9307	05/04/2021 - 05/03/2022
9308	05/04/2021 - 05/03/2022
9309	05/04/2021 - 05/03/2022
9310	05/04/2021 - 05/03/2022
9311	05/04/2021 - 05/03/2022
9312	05/04/2021 - 05/03/2022
9313	05/04/2021 - 05/03/2022
9314	05/04/2021 - 05/03/2022
9401	05/04/2022 - 05/03/2023
9402	05/04/2022 - 05/03/2023
9403	05/04/2022 - 05/03/2023
9404	05/04/2022 - 05/03/2023
9405	05/04/2022 - 05/03/2023
9406	05/04/2022 - 05/03/2023
9407	05/04/2022 - 05/03/2023
9408	05/04/2022 - 05/03/2023
9409	05/04/2022 - 05/03/2023
9410	05/04/2022 - 05/03/2023
9411	05/04/2022 - 05/03/2023

9412	05/04/2022 - 05/03/2023
9413	05/04/2022 - 05/03/2023
9414	05/04/2022 - 05/03/2023

Section I - Contract Clauses

CLAUSES ADDED BY REFERENCE:

252.246-7006 WARRANTY TRACKING OF SERIALIZED ITEMS (JUN 2011)

52.219-6 Notice of Total Small Business Set-Aside Nov 2011

52.204-25 Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment (AUG 2020)

52.244-6 -- Subcontracts for Commercial Items (NOV 2020)

CLAUSES INCORPORATED BY FULL TEXT:

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

(a) The Government may extend the term of this contract by written notice to the Contractor within 30 days 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.

52.222-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (MAY 2014)
In compliance with the Service Contract Labor Standards statute and the regulations of the Secretary of Labor (29 CFR part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332

Employee Class	**Monetary Wage- -Fringe Benefits**
Administrative Assistant (SCA 01020)	GS – 7

This Statement is for Information Only:
It is not a Wage Determination.

(End of Clause)

Section J - List of Attachments

Attachment 5 - Wage Determination (Charleston, SC)

DD1423 CDRL A001 Through A013

Quality Assurance Surveillance Plan (QASP)

Government Furnished Equipment (GFE)

Attachment Number	File Name	Description
	DD254.pdf	DD254 (TS/SCI)
	DD1423_CDRL_A001_THRU_A013.pdf	DD1423 CDRL A001 Through A013
	GFP_FORM.pdf	Government Furnished Equipment (GFE)
	QUALITY_ASSURANCE_SURVEILLANCE_PLAN.pdf	Quality Assurance Surveillance Plan (QASP)
	Wage_Determination_Charleston_SC.pdf	Attachment 5 Wage Determination (Charleston, SC)-Mod P00003
	56-CDRLs-P00003.pdf	CDRLs A001-A012 P0003
	ATTACHMENT_5_WAGE_DETERMINATION.pdf	Wage Determination (Charleston, SC)
	Attachment 5 - Wage Determination 2015-4427_rev17(Charleston, SC).pdf	Attachment 5 - Wage Determination 2015-4427_rev17(Charleston, SC)
5	Attachment 5 - WD 2015-4427_rev14 (Charleston_SC).pdf	Attachment 5 - Wage Determination 2015-4427_rev14 (Charleston, SC)