

SOLICITATION, OFFER AND AWARD			1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		RATING	PAGE OF PAGES 1 201		
2. CONTRACT NO.		3. SOLICITATION NO. N61340-14-R-2401	4. TYPE OF SOLICITATION <input type="checkbox"/> SEALED BID (IFB) <input checked="" type="checkbox"/> NEGOTIATED (RFP)	5. DATE ISSUED 05 Nov 2013	6. REQUISITION/PURCHASE NO. 1300266283			
7. ISSUED BY NAWCTSD 253 12350 RESEARCH PARKWAY ORLANDO FL 32826		CODE N61340	8. ADDRESS OFFER TO (If other than Item 7) NAWCTSD 253 12350 RESEARCH PARKWAY (2531) ORLANDO FL 32826		CODE N61340	TEL: FAX:		
NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".								
SOLICITATION								
9. Sealed offers in original and <u>2</u> copies for furnishing the supplies or services in the Schedule will be received at the place specified in Item 8, or if handcarried, in the depository located in <u>See Block 7 (DeFlores Bldg)</u> until <u>01:00 PM</u> local time <u>31 Dec 2013</u> (Hour) (Date)								
CAUTION - LATE Submissions, Modifications, and Withdrawals: See Section L, Provision No. 52.214-7 or 52.215-1. All offers are subject to all terms and conditions contained in this solicitation.								
10. FOR INFORMATION CALL:		A. NAME RICARDO ELIAS (25311)	B. TELEPHONE (Include area code) (NO COLLECT CALLS) 407-380-4101		C. E-MAIL ADDRESS ricardo.eliass@navy.mil			
11. TABLE OF CONTENTS								
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OFFER (Must be fully completed by offeror)								
NOTE: Item 12 does not apply if the solicitation includes the provisions at 52.214-16, Minimum Bid Acceptance Period.								
12. In compliance with the above, the undersigned agrees, if this offer is accepted within _____ calendar days (60 calendar days unless a different period is inserted by the offeror) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.								
13. DISCOUNT FOR PROMPT PAYMENT (See Section I, Clause No. 52.232-8)								
14. ACKNOWLEDGMENT OF AMENDMENTS (The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated):				AMENDMENT NO.	DATE	AMENDMENT NO.	DATE	
15A. NAME AND ADDRESS OF OFFEROR		CODE	FACILITY	16. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)				
15B. TELEPHONE NO (Include area code)		15C. CHECK IF REMITTANCE ADDRESS IS DIFFERENT FROM ABOVE - ENTER SUCH ADDRESS IN SCHEDULE. <input type="checkbox"/>		17. SIGNATURE		18. OFFER DATE		
AWARD (To be completed by Government)								
19. ACCEPTED AS TO ITEMS NUMBERED			20. AMOUNT		21. ACCOUNTING AND APPROPRIATION			
22. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION: <input type="checkbox"/> 10 U.S.C. 2304(c)() <input type="checkbox"/> 41 U.S.C. 253(c)()				23. SUBMIT INVOICES TO ADDRESS SHOWN IN ITEM (4 copies unless otherwise specified)				
24. ADMINISTERED BY (If other than Item 7) CODE				25. PAYMENT WILL BE MADE BY CODE				
26. NAME OF CONTRACTING OFFICER (Type or print) TEL: EMAIL:				27. UNITED STATES OF AMERICA (Signature of Contracting Officer)		28. AWARD DATE		

IMPORTANT - Award will be made on this Form, or on Standard Form 26, or by other authorized official written notice.

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0101	Post Award Conference and Admin Reqmts FFP IAW SOW section 3.3.1 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination PURCHASE REQUEST NUMBER: 1300266283	1	Each		

					NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0102	Core Sustainment of MRTS Integration Lab FFP IAW SOW section 3.3.2 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	12	Months		

					ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0103	Software Development Products FFP IAW SOW section 3.3.3 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	7	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	EST. QUANTITY	UNIT	UNIT PRICE	AMOUNT
0104	Software Development Products CPFF IAW SOW section 3.3.4 and delivery of all associated Technical Data identified on the Delivery Order. Estimated Quantity for this CLIN is 7 FOB: Destination		Each		

ESTIMATED COST
FIXED FEE
TOTAL EST COST + FEE

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0105	Software Upgrade Products FFP IAW SOW section 3.3.5 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	168	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0106	HW Sys Development and/or Tech Refresh FFP IAW SOW section 3.3.6 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	1	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0107	Documentation FFP IAW SOW section 3.3.7 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	3	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0108	System Admin/Information Assurance FFP IAW SOW section 3.3.8 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	1	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0202	Core Sustainment of MRTS Integration Lab FFP IAW SOW section 3.3.2 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	12	Months		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0203	Software Development Products FFP IAW SOW section 3.3.3 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	7	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	EST. QUANTITY	UNIT	UNIT PRICE	AMOUNT
0204	Software Development Products CPFF IAW SOW section 3.3.4 and delivery of all associated Technical Data identified on the Delivery Order. Estimated Quantity for this CLIN is 7 FOB: Destination		Each		
				ESTIMATED COST	
				FIXED FEE	
				TOTAL EST COST + FEE	<hr/>

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0205	Software Upgrade Products FFP IAW SOW section 3.3.5 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	189	Each		
				ESTIMATED NET AMT	<hr/>

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0206	HW Sys Development and/or Tech Refresh FFP IAW SOW section 3.3.6 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	1	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0207	Documentation FFP IAW SOW section 3.3.7 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	3	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0208	System Admin/Information Assurance FFP IAW SOW section 3.3.8 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	1	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0302	Core Sustainment of MRTS Integration Lab FFP IAW SOW section 3.3.2 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	12	Months		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0303	Software Development Products FFP IAW SOW section 3.3.3 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	7	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	EST. QUANTITY	UNIT	UNIT PRICE	AMOUNT
0304	Software Development Products CPFF IAW SOW section 3.3.4 and delivery of all associated Technical Data identified on the Delivery Order. Estimated Quantity for this CLIN is 7 FOB: Destination		Each		

ESTIMATED COST
FIXED FEE
TOTAL EST COST + FEE

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0305	Software Upgrade Products FFP IAW SOW section 3.3.5 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	104	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0306	HW Sys Development and/or Tech Refresh FFP IAW SOW section 3.3.6 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	2	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0307	Documentation FFP IAW SOW section 3.3.7 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	3	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0308	System Admin/Information Assurance FFP IAW SOW section 3.3.8 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	1	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0402	Core Sustainment of MRTS Integration Lab FFP IAW SOW section 3.3.2 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	12	Months		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0403	Software Development Products FFP IAW SOW section 3.3.3 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	7	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	EST. QUANTITY	UNIT	UNIT PRICE	AMOUNT
0404	Software Development Products CPFF IAW SOW section 3.3.4 and delivery of all associated Technical Data identified on the Delivery Order. Estimated Quantity for this CLIN is 7 FOB: Destination		Each		
				ESTIMATED COST	
				FIXED FEE	
				TOTAL EST COST + FEE	<hr/>

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0405	Software Upgrade Products FFP IAW SOW section 3.3.5 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	131	Each		
				ESTIMATED NET AMT	<hr/>

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0406	HW Sys Development and/or Tech Refresh FFP IAW SOW section 3.3.6 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	5	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0407	Documentation FFP IAW SOW section 3.3.7 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	3	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0408	System Admin/Information Assurance FFP IAW SOW section 3.3.8 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	1	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0502	Core Sustainment of MRTS Integration Lab FFP IAW SOW section 3.3.2 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	12	Months		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0503	Software Development Products FFP IAW SOW section 3.3.3 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	7	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	EST. QUANTITY	UNIT	UNIT PRICE	AMOUNT
0504	Software Development Products CPFF IAW SOW section 3.3.4 and delivery of all associated Technical Data identified on the Delivery Order. Estimated Quantity for this CLIN is 7 FOB: Destination		Each		

ESTIMATED COST
FIXED FEE
TOTAL EST COST + FEE

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0505	Software Upgrade Products FFP IAW SOW section 3.3.5 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	90	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0506	HW Sys Development and/or Tech Refresh FFP IAW SOW section 3.3.6 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	6	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0507	Documentation FFP IAW SOW section 3.3.7 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	3	Each		

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0508	System Admin/Information Assurance FFP IAW SOW section 3.3.8 and delivery of all associated Technical Data identified on the Delivery Order FOB: Destination	1	Each		

ESTIMATED
NET AMT

CONTRACT MINIMUM/MAXIMUM QUANTITY AND CONTRACT VALUE

The minimum quantity and contract value for all orders issued against this contract shall not be less than the minimum quantity and contract value stated in the following table. The maximum quantity and contract value for all orders issued against this contract shall not exceed the maximum quantity and contract value stated in the following table.

MINIMUM QUANTITY	MINIMUM AMOUNT	MAXIMUM QUANTITY	MAXIMUM AMOUNT
	\$10,000.00		\$45,000,000.00

NOTE: The quantities and total amount for all CLINs listed above are estimates that may vary greatly during contract execution but the value of all executed delivery orders shall not exceed the contract ceiling amount of \$45,000,000. There is no specified percentage of the ceiling amount for firm, fixed-price CLINs and delivery orders versus cost-plus-fixed-fee CLINs and delivery orders. The quantities and dollar amounts set forth in the individual CLINs are merely estimates. The entire \$45 million could be CPFF delivery orders, FFP delivery orders, or any mix of FFP and CPFF delivery orders.

B1 - B 2

B1 FIRM FIXED PRICE LINE ITEMS

The Contractor shall provide CLINs 0101 (Post Award Conference and Administration Requirements), 0102, 0202, 0302, 0402, and 0502 (Core Sustainment of MRTS Integration Labs) on a FFP per unit basis in accordance with Attachment 1, SOW. The Government may place unilateral delivery orders at the stated FFPs during the ordering period through the end of the CLIN ordering periods (stated in Section F) although performance may extend beyond the contract ordering period.

The Contractor shall provide CLINs 0103, 0203, 0303, 0403 and 0503 (Software Development Products) on a negotiated FFP basis. Each delivery order for these products shall be proposed by the contractor when requested and negotiated with the Government utilizing the contract labor rates (Attachment 2), Resource Allocation Matrix for the labor required to perform the effort.

The Contractor shall provide CLINs 0105, 0205, 0305, 0405 and 0505 (Software Upgrade Products) on a negotiated FFP basis. Each delivery order for these products shall be proposed by the contractor when requested and negotiated with the Government utilizing the contract labor rates (Attachment 2), Resource Allocation Matrix for the labor required to perform the effort.

The Contractor shall provide CLINs 0106, 0206, 0306, 0406 and 0506 (Hardware System Development and/or Tech Refresh) on a negotiated FFP basis. Each delivery order for these products shall be proposed by the contractor when requested and negotiated with the Government utilizing the contract labor rates (Attachment 2), Resource Allocation Matrix for the labor required to perform the effort.

The Contractor shall provide CLINs 0107, 0207, 0307, 0407 and 0507 (Documentation) on a negotiated FFP basis. Each delivery order for these products shall be proposed by the contractor when requested and negotiated with the Government utilizing the contract labor rates (Attachment 2), Resource Allocation Matrix for the labor required to perform the effort.

The Contractor shall provide CLINs 0108, 0208, 0308, 0408 and 0508 (System Administration/Information Assurance) on a negotiated FFP basis. Each delivery order for these products shall be proposed by the contractor when requested and negotiated with the Government utilizing the contract labor rates (Attachment 2), Resource Allocation Matrix for the labor required to perform the effort.

B2 COST PLUS FIXED FEE LINE ITEMS

The Contractor shall provide CLINs 0104, 0204, 0304, 0404 and 0504 (Software Development Products) on a negotiated CPFF basis. Each delivery order for these products shall be proposed by the contractor when requested and negotiated with the Government utilizing the contract labor rates (Attachment 2), Resource Allocation Matrix for the labor required to perform the effort.

Section C - Descriptions and Specifications

CLAUSES INCORPORATED BY FULL TEXT

**5252.211-9509 INCORPORATION OF THE CONTRACTOR'S TECHNICAL PROPOSAL
(NAVAIR)(OCT 2005)**

The Contractor's Technical Proposal Number [Enter technical proposal number], dated [Enter document date], and any amendments/addendums thereof, is incorporated herein by reference, unless otherwise specified, with the same force and effect as if set forth in full text. Nothing in the Contractor's proposal shall constitute a waiver of any of the provisions of the contract, including the Statement(s) of Work and Specification. For purposes of FAR Clause 52.215-8, "Order of Precedence", the Contractor's technical proposal shall be considered a "Specification" but the Government's Specification shall take precedence over the Contractor's technical proposal.

To be completed at contract awardC1-C9**C1 POST AWARD CONFERENCE (PAC) (FFP) (CLIN 0101)**

The contractor shall furnish all necessary personnel, materials, supplies, travel and management to meet all the post award conference (PAC) requirements in accordance with the Statement of Work (SOW), section 3.3.1, Attachment 1 in Section J. The conference shall be at the Government's facility. The post award conference will be acquired with the issuance of the first delivery order and shall be completed within 30 calendar days from date of issuance.

C2 CORE SUSTAINMENT OF MRTS INTEGRATION LABS (FFP) (CLINs 0102, 0202, 0302, 0402, and 0502)

The contractor shall furnish all necessary personnel, facilities, equipment, materials, supplies, travel and management required to provide MRTS sustainment support in accordance with the SOW, section 3.3.2, Attachment 1 in Section J. When required, the sustainment services will be procured with the issuance of a task order on a FFP, per month basis. The contractor shall commence within 30 days of issuance of a delivery order.

C3 SOFTWARE DEVELOPMENT PRODUCTS (FFP) (CLINs 0103, 0203, 0303, 0403, and 0503)

The contractor shall furnish all necessary personnel, facilities, equipment, materials, supplies and management, required to provide MRTS software development products in accordance with the SOW, section 3.3.3, Attachment 1 in Section J. The software development products will be procured with the issuance of a delivery order including a SOW addressing the specific software development products required. The Government will request a proposal for software development products for each delivery order and the contractor shall provide a proposal in response to the Government's request utilizing the contract labor rates in Attachment 2, Resource Allocation Matrix in Section J. Travel, material, and other direct costs will be burdened utilizing the fixed factor rate(s) in Attachment 2, Resource Allocation Matrix in Section J. The Government will evaluate the contractor's proposal for reasonableness and negotiate an FFP delivery order. Certified cost or pricing data is required for delivery orders that exceed the Truth in Negotiations Act threshold.

C4 SOFTWARE DEVELOPMENT PRODUCTS (CPFF) (CLINs 0104, 0204, 0304, 0404, and 0504)

The contractor shall furnish all necessary personnel, facilities, equipment, materials, supplies and management, required to provide MRTS software development products in accordance with the SOW, section 3.3.4, Attachment 1 in Section J. The software development products will be procured with the issuance of a delivery order including a

SOW addressing the specific software development products required. The Government will request a proposal for software development products for each delivery order and the contractor shall provide a proposal in response to the Government's request utilizing the contract labor rates in Attachment 2, Resource Allocation Matrix in Section J. Proposed travel, material, and other direct costs will be burdened utilizing the fixed factor rate(s) in Attachment 2, Resource Allocation Matrix in Section J. The Government will evaluate the contractor's proposal for realism and negotiate a CPFF delivery order. Certified cost or pricing data is required for delivery orders that exceed the Truth in Negotiations Act threshold.

C5 SOFTWARE UPGRADE PRODUCTS (FFP) (CLINS 0105, 0205, 0305, 0405 and 0505)

The contractor shall furnish all necessary personnel, facilities, equipment, materials, supplies and management, required to provide MRTS software upgrade products in accordance with the SOW, section 3.3.5, Attachment 1 in Section J. The software upgrade products will be procured with the issuance of a delivery order including a SOW addressing the specific software upgrade products required. The Government will request a proposal for software upgrade products for each delivery order and the contractor shall provide a proposal in response to the Government's request utilizing the contract labor rates in Attachment 2, Resource Allocation Matrix in Section J. Travel, material, and other direct costs will be burdened utilizing the fixed factor rate(s) in Attachment 2, Resource Allocation Matrix in Section J. The Government will evaluate the contractor's proposal for reasonableness and negotiate an FFP delivery order. Certified cost or pricing data is required for delivery orders that exceed the Truth in Negotiations Act threshold.

C6 HARDWARE SYSTEM DEVELOPMENT AND/OR TECHNICAL REFRESH (FFP) (CLINs 0106, 0206, 0306, 0406 and 0506)

The contractor shall furnish all necessary personnel, facilities, equipment, materials, supplies, and management, required to provide an MRTS hardware system development and/or technical refresh solution in accordance with the SOW, section 3.3.6, Attachment 1 in Section J. The hardware system development and/or technical refresh products will be procured with the issuance of a delivery order including a SOW addressing the specific hardware system development and/or technical refresh required. The Government will request a proposal for hardware system development and/or technical refresh for each delivery order and the contractor shall provide a proposal in response to the Government's request utilizing the contract labor rates in Attachment 2, Resource Allocation Matrix in Section J. Travel, material, and other direct costs will be burdened utilizing the fixed factor rate(s) in Attachment 2, Resource Allocation Matrix in Section J. The Government will evaluate the contractor's proposal for reasonableness and negotiate a FFP delivery order. Certified cost or pricing data is required for delivery orders that exceed the Truth in Negotiations Act threshold.

C7 DOCUMENTATION (FFP) (CLINs 0107, 0207, 0307, 0407 and 0507)

The contractor shall furnish all necessary personnel, facilities, equipment, materials, supplies, and management, required to provide MRTS documentation in accordance with the SOW, section 3.3.7, Attachment 1 in Section J. The documentation will be procured with the issuance of a delivery order including a SOW addressing the specific documentation required. The Government will request a proposal for documentation for each delivery order and the contractor shall provide a proposal in response to the Government's request utilizing the contract labor rates in Attachment 2, Resource Allocation Matrix in Section J. Travel, material, and other direct costs will be burdened utilizing the fixed factor rate(s) in Attachment 2, Resource Allocation Matrix in Section J. The Government will evaluate the contractor's proposal for reasonableness and negotiate an FFP delivery order. Certified cost or pricing data is required for delivery orders that exceed the Truth in Negotiations Act threshold.

C8 SYSTEM ADMINISTRATION (SA) / INFORMATION ASSURANCE (IA) (FFP) (CLINs 0108, 0208, 0308, 0408 and 0508)

The contractor shall furnish all necessary personnel, facilities, equipment, materials, supplies, and management, required to provide MRTS SA/IA support in accordance with the SOW, section 3.3.8, Attachment 1 in Section J.

The SA/IA products will be procured with the issuance of a delivery order including a SOW addressing the specific SA/IA products required. The Government will request a proposal for SA/IA support for each delivery order and the contractor shall provide a proposal in response to the Government's request utilizing the contract labor rates in Attachment 2, Resource Allocation Matrix in Section J. Travel, material, and other direct costs will be burdened utilizing the fixed factor rate(s) in Attachment 2, Resource Allocation Matrix in Section J. The Government will evaluate the contractor's proposal for reasonableness and negotiate a FFP delivery order. Certified cost or pricing data is required for delivery orders that exceed the Truth in Negotiations Act threshold.

C9 STATEMENT OF WORK

The SOW, under Attachment 1, is incorporated into Section C9 for purposes of FAR Clause 52.215-8, "Order of Precedence".

Section D - Packaging and Marking

NOTE

NOTE: All clauses in this section apply to all CLINs unless otherwise noted.

CLAUSES INCORPORATED BY FULL TEXT

5252.247-9507 PACKAGING AND MARKING OF REPORTS (NAVAIR) (OCT 2005)

(a) All unclassified data shall be prepared for shipment in accordance with best commercial practice. Classified reports, data and documentation, if any, shall be prepared for shipment in accordance with the National Industry Security Program Operating Manual, DoD 5220.22-M.

(b) The contractor shall prominently display on the cover of each report the following information:

- (1) Name and business address of contractor.
- (2) Contract Number/Delivery/Task order number.
- (3) Contract/Delivery/Task order dollar amount.
- (4) Whether the contract was competitively or non-competitively awarded.
- (5) Name of sponsoring individual.
- (6) Name and address of requiring activity.

5252.247-9508 PROHIBITED PACKING MATERIALS (NAVAIR) (JUN 1998)

The use of asbestos, excelsior, newspaper or shredded paper (all types including waxed paper, computer paper and similar hydroscopic or non-neutral material) is prohibited. In addition, loose fill polystyrene is prohibited for shipboard use.

5252.247-9509 PRESERVATION, PACKAGING, PACKING AND MARKING (NAVAIR)(JUL 1998)

(a) Preservation, packaging and packing shall conform to prevailing industry standards for the type of commodity purchased under this contract.

(b) All packages will be clearly marked with applicable contract number/delivery order number, and will contain appropriate packing slip. All deliveries will be marked for and/or consigned as follows:

[To be identified on individual delivery orders]

(c) In the event of any discrepancy in material shipped (overage, technical rejection, damage), the contractor shall, immediately upon request of the Contracting Officer, furnish disposition instructions. Normally, such disposition instruction shall be a properly completed Commercial Bill of Lading, which includes, but is not limited to, the mode of shipment, routing, special handling, and so forth.

(d) If the contractor is required to install equipment upon delivery, then the contractor shall inform the Government of the date of shipment from the contractor's facilities and the anticipated date of arrival at the site. This report shall be made no later than the actual date that the shipment is made from the contractor's facilities. The report may be made by facsimile or e-mail, to the point of contact listed in Section G. All transportation, rigging, drayage, packing, unpacking, and handling necessary to accomplish the installation shall be the responsibility of the contractor.

5252.247-9514 TECHNICAL DATA PACKING INSTRUCTIONS (NAVAIR) (SEP 1999)

Technical Data and Information shall be packed and packaged for domestic shipment in accordance with best commercial practices. The package or envelope should be clearly marked with any special markings specified in this contract (or delivery/task order), e.g., Contract Number, CLIN, Device No., and document title must be on the outside of the package. Classified reports, data and documentation, if applicable, shall be prepared for shipment in accordance with Defense Industrial Manual for Safeguarding Classified Information, DoD 5220.22M.

Section E - Inspection and Acceptance

NOTE

NOTE: All clauses in this section apply to all CLINs unless otherwise noted.

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0101	Destination	Government	Destination	Government
0102	Destination	Government	Destination	Government
0103	Destination	Government	Destination	Government
0104	Destination	Government	Destination	Government
0105	Destination	Government	Destination	Government
0106	Destination	Government	Destination	Government
0107	Destination	Government	Destination	Government
0108	Destination	Government	Destination	Government
0202	Destination	Government	Destination	Government
0203	Destination	Government	Destination	Government
0204	Destination	Government	Destination	Government
0205	Destination	Government	Destination	Government
0206	Destination	Government	Destination	Government
0207	Destination	Government	Destination	Government
0208	Destination	Government	Destination	Government
0302	Destination	Government	Destination	Government
0303	Destination	Government	Destination	Government
0304	Destination	Government	Destination	Government
0305	Destination	Government	Destination	Government
0306	Destination	Government	Destination	Government
0307	Destination	Government	Destination	Government
0308	Destination	Government	Destination	Government
0402	Destination	Government	Destination	Government
0403	Destination	Government	Destination	Government
0404	Destination	Government	Destination	Government
0405	Destination	Government	Destination	Government
0406	Destination	Government	Destination	Government
0407	Destination	Government	Destination	Government
0408	Destination	Government	Destination	Government
0502	Destination	Government	Destination	Government
0503	Destination	Government	Destination	Government
0504	Destination	Government	Destination	Government
0505	Destination	Government	Destination	Government
0506	Destination	Government	Destination	Government
0507	Destination	Government	Destination	Government
0508	Destination	Government	Destination	Government

CLAUSES INCORPORATED BY REFERENCE

52.246-2	Inspection Of Supplies--Fixed Price	AUG 1996
52.246-3	Inspection Of Supplies Cost-Reimbursement	MAY 2001
52.246-16	Responsibility For Supplies	APR 1984
252.246-7000	Material Inspection And Receiving Report	MAR 2008

CLAUSES INCORPORATED BY FULL TEXT

5252.246-9512 INSPECTION AND ACCEPTANCE (NAVAIR) (OCT 2005)

(a) Inspection and acceptance of the supplies or services to be furnished hereunder shall be performed by

N61340 NAWCTSD Orlando

With each Wide Area Work Flow (WAWF) invoice/receiving report submission, the contractor shall upload in WAWF the completed forms listed with each CLIN:

CLIN	Description	Form
CLIN 0101	Post Award Conference (PAC)/ Administrative Requirements	Documented acceptance via the Data Item Trans/Accept/Reject Form for CDRLs A003, A00D, A00E, A00F, A00G, A00H, A00P and A00R as applicable
CLIN 0102 + out-years	Core Sustainment	Documented acceptance via the Data Item Trans/Accept/Reject Form for CDRLs B001 and A00H as applicable

For CLINs 0103 – 0108, and the associated outyear CLINs, all CDRLs listed in Appendix B applicable to the Statement of Work to the delivery order, the contractor shall upload the documented acceptance via Data Item Trans/Accept/Reject Form for the applicable CDRLs.

(b) Acceptance of all Contract Line Items/Sub Line Items (CLINs/SLINs) shall be made by signature of the accepting authority on a receiving report submitted through the WAWF system. Acceptance will only occur when the accepting authority is sure that inspections performed demonstrate compliance with contract requirements.

5252.246-9514 INSPECTION AND ACCEPTANCE OF TECHNICAL DATA AND INFORMATION (NAVAIR) (FEB 1995)

Inspection and acceptance of technical data and information will be performed by the Procuring Contracting Officer (PCO) or his duly authorized representative. Inspection of technical data and information will be performed by ensuring successful completion of the requirements set forth in the DD Form 1423, Contract Data Requirements List (CDRL) and incorporation/resolution of Government review comments on the data items. Acceptance will be evidenced by execution of an unconditional DD Form 250, Material Inspection and Receiving Report, as

appropriate, and/or upon receipt of a second endorsement acceptance by the PCO on the attachment to this contract entitled [NAWCTSD 4330/60 Data Item Transmittal/Acceptance/ Rejection Form \(Section J, Attachment 3\)](#). The attached form will not be used for high cost data such as drawings, specifications, and technical manuals.

Section F - Deliveries or Performance

F1 - NOTE ON ORDERING PERIOD

Note: The contract is contemplated to be awarded on June 16, 2014. Therefore, the ordering periods shown below will be adjusted up to 60 days to reflect the exact dates at the time of contract award. The period of performances indicated below reflects the ordering period for each CLIN.

All clauses in this section apply to all CLINs unless otherwise noted.

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0101	POP 16-JUN-2014 TO 16-JUL-2014	N/A	NAWCTSD DAVID THOMAS CODE 1.3.6.2.1 12350 RESEARCH PARKWAY ORLANDO FL 32826-3276 407-380-4615 FOB: Destination	N61340
0102	POP 16-JUN-2014 TO 15-JUN-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0103	POP 16-JUN-2014 TO 15-JUN-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0104	POP 16-JUN-2014 TO 15-JUN-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0105	POP 16-JUN-2014 TO 15-JUN-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0106	POP 16-JUN-2014 TO 15-JUN-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0107	POP 16-JUN-2014 TO 15-JUN-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0108	POP 16-JUN-2014 TO 15-JUN-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0202	POP 16-JUN-2015 TO 15-JUN-2016	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0203	POP 16-JUN-2015 TO 15-JUN-2016	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340

0204	POP 16-JUN-2015 TO 15-JUN-2016	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0205	POP 16-JUN-2015 TO 15-JUN-2016	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0206	POP 16-JUN-2015 TO 15-JUN-2016	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0207	POP 16-JUN-2015 TO 15-JUN-2016	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0208	POP 16-JUN-2015 TO 15-JUN-2016	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0302	POP 16-JUN-2016 TO 15-JUN-2017	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0303	POP 16-JUN-2016 TO 15-JUN-2017	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0304	POP 16-JUN-2016 TO 15-JUN-2017	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0305	POP 16-JUN-2016 TO 15-JUN-2017	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0306	POP 16-JUN-2016 TO 15-JUN-2017	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0307	POP 16-JUN-2016 TO 15-JUN-2017	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0308	POP 16-JUN-2016 TO 15-JUN-2017	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0402	POP 16-JUN-2017 TO 15-JUN-2018	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0403	POP 16-JUN-2017 TO 15-JUN-2018	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0404	POP 16-JUN-2017 TO 15-JUN-2018	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0405	POP 16-JUN-2017 TO 15-JUN-2018	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0406	POP 16-JUN-2017 TO 15-JUN-2018	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0407	POP 16-JUN-2017 TO 15-JUN-2018	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340

0408	POP 16-JUN-2017 TO 15-JUN-2018	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0502	POP 16-JUN-2018 TO 15-JUN-2019	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0503	POP 16-JUN-2018 TO 15-JUN-2019	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0504	POP 16-JUN-2018 TO 15-JUN-2019	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0505	POP 16-JUN-2018 TO 15-JUN-2019	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0506	POP 16-JUN-2018 TO 15-JUN-2019	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0507	POP 16-JUN-2018 TO 15-JUN-2019	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340
0508	POP 16-JUN-2018 TO 15-JUN-2019	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N61340

CLAUSES INCORPORATED BY REFERENCE

52.242-15	Stop-Work Order	AUG 1989
52.242-17	Government Delay Of Work	APR 1984
52.247-34	F.O.B. Destination	NOV 1991

CLAUSES INCORPORATED BY FULL TEXT

5252.245-9509 PLACE OF DELIVERY - GOVERNMENT FURNISHED MATERIAL (NAVAIR) (MAR 1999)

(a) The Government will furnish to the contractor for use in connection with this contract the following material at the time specified:

<u>Material</u>	<u>Quantity</u>	<u>Date</u>
1. Camcorder, Canon Vixia HV40	One	As indicated by individual DO
2. Camera, Nikon D90 Digital SLR	One	As indicated by individual DO
3. MRTS Source Code and Documentation	Lot	30 days after acceptance of OPSEC Plan

(b) The material will be delivered at the Contractor's expense to the location designated in the contractor's proposal for performance. Delivery includes disassembly, packing, and shipping from its current location directly to the designated contractor facility for unpacking, assembly, installation, setup, and operation.

(c) Only the materials listed in the SOW Appendix A Table A-V, will be furnished by the Government. All other material required for performance of this contract shall be furnished by the contractor.

5252.247-9505 TECHNICAL DATA AND INFORMATION (NAVAIR) (FEB 1995)

Technical Data and Information shall be delivered in accordance with the requirements of the Contract Data Requirements List, DD Form 1423, Exhibits A-F, attached hereto, and the following:

- (a) The contractor shall concurrently deliver technical data and information per DD Form 1423, Blocks 12 and 13 (date of first/subsequent submission) to all activities listed in Block 14 of the DD Form 1423 (distribution and addresses) for each item. Complete addresses for the abbreviations in Block 14 are shown in paragraph (g) below. Additionally, the technical data shall be delivered to the following cognizant codes, who are listed in Block 6 of the DD Form 1423.

To be filled in at contract award.

Naval Air Warfare Center Training Systems Division (NAWCTSD)

- (1) NAWCTSD PJM
- (2) NAWCTSD Engineer
- (3) NAWCTSD ILSM
- (4) NAWCTSD PCO

(b) Partial delivery of data is not acceptable unless specifically authorized on the DD Form 1423, or unless approved in writing by the PCO.

(c) The Government review period provided on the DD Form 1423 for each item commences upon receipt of all required data by the technical activity designated in Block 6.

(d) A copy of all other correspondence addressed to the Contracting Officer relating to data item requirements (i.e., status of delivery) shall also be provided to the codes reflected above and the technical activity responsible for the data item per Block 6, if not one of the activities listed above.

(e) The PCO reserves the right to issue unilateral modifications to change the destination codes and addresses for all technical data and information at no additional cost to the Government.

(f) Unless otherwise specified in writing, rejected data items shall be resubmitted within thirty (30) days after receipt of notice of rejection.

- (g) DD Form 1423, Block 14 Mailing Addresses:

To be filled in at contract award.

NAWCTSD PJM

NAWCTSD Engineer

NAWCTSD ILSM

NAWCTSD PCO

NAWCTSD OPSEC

NAWCTSD TMSS

NAWCTSD IAM

NAWCTSD CSM

NAWCTSD IA Eng

NAWCTSD SW

NAWCTSD 1362

NAWCTSD 4616

NAWCTSD 4623

NAWCTSD 6851

NAWCTSD 66410

NAWCTSD DEV SITE

NAWCTSD FAC ENG

NAWCTSD INFOSHARE

DV SITE ISEO

PMS 339

Section G - Contract Administration Data

G1 CPFF CLIN PAYMENT

For Software Development Products (CPFF) CLINs 0104, 0204, 0304, 0404, 0504, the Contractor will be paid at the labor rates (exclusive of fee) established in the Resource Allocation Matrix, Attachment 2 in Section J of the RFP, for the hours incurred. The Fixed Fee will be negotiated on each individual delivery order and will be paid accordingly as a completion type CPFF CLIN. Materials, ODCs, and travel will be paid on actual costs incurred in accordance with 5252.232-9509, and applicable fixed factor percentage applied to the materials, ODC, and travel cost. No fee shall be applicable to the material, ODC, and travel costs.

NOTE: All clauses in this section apply to all CLINs unless otherwise noted.

CLAUSES INCORPORATED BY REFERENCE

252.204-0002	Line Item Specific: Sequential ACRN Order	SEP 2009
252.204-7006	Billing Instructions	OCT 2005
252.232-7003	Electronic Submission of Payment Requests and Receiving Reports	JUN 2012

CLAUSES INCORPORATED BY FULL TEXT

252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (JUN 2012)

(a) *Definitions.* as used in this clause--

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

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

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

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

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

(1) Have a designated electronic business point of contact in the Central Contractor Registration at <https://www.acquisition.gov>; and

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

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

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

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

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

_____ Combo for FFP, Cost Voucher for CPFF _____

(Contracting Officer: Insert applicable document type(s). Note: If a "Combo" document type is identified but not supportable by the Contractor's business systems, an "Invoice" (stand-alone) and "Receiving Report" (stand-alone) document type may be used instead.)

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

See Schedule _____

(Contracting Officer: Insert inspection and acceptance locations or "Not applicable.")

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

Routing Data Table*

Field Name in WAWF	Data to be entered in WAWF
Pay Official DoDAAC:	_____TBD_____
Issue By DoDAAC:	_____N61340_____
Admin DoDAAC:	_____TBD_____
Inspect By DoDAAC:	_____Not Applicable_____
Ship To Code:	_____See Schedule_____
Ship From Code:	_____TBD (Vendor's CAGE)_____
Mark For Code:	_____Not Applicable_____
Service Approver (DoDAAC):	_____N61340_____
Service Acceptor (DoDAAC):	_____N61340_____
Accept at Other DoDAAC:	_____Not Applicable_____
LPO DoDAAC:	_____Not Applicable_____
DCAA Auditor DoDAAC:	_____TBD_____
Other DoDAAC(s):	_____Not Applicable_____

(*Contracting Officer: Insert applicable DoDAAC information or "See schedule" if multiple ship to/acceptance locations apply, or "Not applicable.")

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

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

mark.reemsnyder@navy.mil (Acceptor); ricardo.l.elias@navy.mil (View Only) _____

(Contracting Officer: Insert applicable email addresses or "Not applicable.")

(g) *WAWF point of contact.* (1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact. For Navy WAWF questions call DFAS Customer Care 1-800-756-4571 option 6

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

**5252.201-9501 DESIGNATION OF CONTRACTING OFFICER'S REPRESENTATIVE (COR)(NAVAIR)
(SEP 2012)**

(a) The Contracting Officer has designated [TBD] as the authorized Contracting Officer's Representative (COR) to perform the following functions, duties, and/or responsibilities: [See attachment 9 in Section J]

(b) The effective period of the COR designation is [TBD]

To be completed at contract award.

5252.201-9502 CONTRACTOR'S AUTHORIZED CONTRACT COORDINATOR AND TECHNICAL LIAISON (NAVAIR)(OCT 2005)

(a) The contractor shall state below the name and telephone numbers of the contractor's employees responsible for coordination of contract functions/liaison with the Contracting Officer and/or Contract administrator, and providing technical assistance as required regarding product specifications, functionality, etc.

CONTRACT COORDINATOR:

NAME: _____

PHONE (BUS): _____

PHONE (AFTER HOURS): _____

ALTERNATE:

NAME: _____

PHONE (BUS): _____

PHONE (AFTER HOURS): _____

(b) The contractor shall notify the Contracting Officer and/or Contract Administrator in advance, in writing, of any changes in the above listed personnel.

To be completed at contract award**5252.204-9503 EXPEDITING CONTRACT CLOSEOUT (NAVAIR) (JAN 2007)**

(a) As part of the negotiated fixed price or total estimated amount of this contract, both the Government and the Contractor have agreed to waive any entitlement that otherwise might accrue to either party in any residual dollar amount of \$1,000 or less at the time of final contract closeout. The term "residual dollar amount" shall include all money that would otherwise be owed to either party at the end of the contract, except that, amounts connected in any way with taxation, allegations of fraud and/or antitrust violations shall be excluded. For purposes of determining residual dollar amounts, offsets of money owed by one party against money that would otherwise be paid by that party might be considered to the extent permitted by law.

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

5252.232-9504 SPECIAL PAY INSTRUCTIONS FOR PAYING OFFICE (NAVAIR) (MAY 2006)

(a) Invoices submitted for payment, which do not contain contract line item number (CLIN) (or subline item number (SLIN), if any) and the accounting classification references number (ACRN) information, will be returned for correction.

(b) The disbursement of funds will be by the CLIN/SLIN/ACRN designation.

(c) If progress payments are authorized, payments will be made against the unliquidated balance of all applicable CLINs/SLINs.

5252.232-9509 TRAVEL APPROVAL AND REIMBURSEMENT PROCEDURES (NAVAIR)(OCT 2013)

(a) General. Performance under this contract may require travel by Contractor personnel. If travel, domestic or overseas, is required, the Contractor is responsible for making all necessary arrangements for its personnel. These include but are not limited to: medical examinations, immunizations, passports/visas/etc., and security clearances.

(b) Travel Approval Process. Prior approval is required for all travel under this contract. Travel shall be reviewed and approved/disapproved as follows:

(1) The Contractor shall provide the [Insert Procuring Contracting Officer (PCO) or Contracting Officer's Representative (COR)] a written request for authorization to travel at least 30 days in advance of the required travel date, when possible. The request should include: purpose of travel, location, travel dates, number of individuals traveling, and all estimated costs associated with the travel (e.g., lodging, meals, transportation costs, incidental expenses, etc.).

(2) The [Insert PCO or COR] will review the travel request and provide, in writing, an approval or disapproval of the travel request to the Contractor [Insert "and the Procuring Contracting Officer." if the COR is reviewing and approving the request.]

(c) Travel Policy.

(1) Travel arrangements shall be planned in accordance with the Federal Travel regulations, prescribed by the General Services Administration for travel in the conterminous 48 United States, (hereinafter the FTR) and the Joint Travel Regulation, Volume 2, DoD Civilian Personnel, Appendix A, prescribed by the Department of Defense (hereinafter the JTR).

(2) The Government will reimburse the Contractor for allowable travel costs incurred by the Contractor in performance of the contract in accordance with FAR Subpart 31.2.

(3) For purposes of reimbursement of travel expenses, the Contractor's official station is defined as within 50 miles of the Contractor's regular work site. (If Contractor has more than one regular work site, the official station is defined as within 50 miles of each of its regular work sites.)

(4) The Contractor's documentation for the reimbursement of travel costs (e.g., receipts) shall be governed as set forth in FAR Subpart 31.2, the FTR, and the JTR.

(5) Car Rental for a team on temporary duty (TDY) at one site will be allowed provided that only one car is rented for every four (4) members of the TDY team.

(6) Whenever work assignments require TDY aboard a Government ship, the Contractor will be reimbursed at the per diem identified in the JTR.

5252.232-9511 NOTICE OF REQUIREMENTS FOR PROMPT PAYMENT (NAVAIR) (MAR 2006)

The Government anticipates that this contract will be distributed to Defense Finance and Accounting Service (DFAS) by the DOD Electronic Document Access (EDA) system. DFAS is responsible for payment of contractor invoices.

(a) In accordance with FAR Clause 52.232-33 "Payment By Electronic Funds Transfer--Central Contractor Registration", the contractor is responsible for providing updated information to the Central Contractor Register (CCR) database. Additionally, the contractor is responsible for maintaining its active status in the CCR database.

(b) If the DUNS, CAGE code, TIN or address set forth in the contract do not match the information in the CCR, then DFAS will return invoices without payment. Therefore, it is imperative that the contractor ensure the DUNS, CAGE code, TIN and contractor address on the contract are accurate and in compliance with the CCR database. Additionally, any changes/updates made to the CCR database should be communicated to the Contracting Officer for the purpose of modifying the contract to reflect the new data.

5252.232-9528 REIMBURSEMENT OF COSTS ASSOCIATED WITH OPNAV SERVICES (NAVAIR)(JUN 2012)

This procurement does not contain the requirement to support the Office of the Chief of Naval Operations (OPNAV). No such requirement is included in the Statement of Work nor shall be contained in any flow down requirements to subcontractors. Since OPNAV service support is not a requirement of the statement of work, the

Contracting Officer's Representative (COR) is prohibited from endorsing any such costs/charges. The Government will not pay for such costs as they are outside the scope of this contract.

5252.242-9511 CONTRACT ADMINISTRATION DATA (NAVAIR)(SEP 2012)

(a) Contract Administration Office.

(1) Contract administration functions (see FAR 42.302(a) and DFARS 242.302(a)) are assigned to: See the ADMINISTERED BY Block on the face page of the contract, modification, or order.

(b) Special Instructions (see FAR 42.202(b) and (c)):

(1) The following contract administration functions are retained (see FAR 42.302(a) and DFARS 242.302(a)):

Functions Retained	Retained for Performance By:
All functions retained except as listed below	NAWCTSD

(2) The following additional contract administration functions are assigned (see FAR 42.302(b)):

Additional Functions	Retained for Performance By:
(13) Make payments on assigned contracts when prescribed in agency acquisition regulations. (25) Process and execute novation and change of name agreements under Subpart 42.12. (57) Assign and perform supporting contract administration. (59) Issue administrative changes, correcting errors or omissions in typing, contractor address, Facility or activity code, remittance address, computations, which do not require additional Contract funds, and other such changes. (65) Accomplish administrative closeout procedures. (70) De-obligate excess funds after final price determination.	DCMA

(c) Inquiries regarding payment should be referred to: MyInvoice at <https://myinvoice.csd.disa.mil//index.html>.

Section H - Special Contract Requirements

H1-H3

NOTE: All clauses in this section apply to all CLINs unless otherwise noted.

H1 - LABOR CATEGORIES

For Software Development Products (FFP) CLINs (0103, 0203, 0303, 0403 and 0503), Software Product Upgrades CLINs (0105, 0205, 0305, 0405 and 0505), Hardware System Development and/or Technical Refresh CLINs (0106, 0206, 0306, 0406 and 0506), Documentation CLINs (0107, 0207, 0307, 0407 and 0507) and System Administration/Information Assurance CLINs (0108, 0208, 0308, 0408 and 0508), the contractor shall provide a proposal in response to the Government's request only utilizing the contract labor rates and categories established in Attachment 2, Resource Allocation Matrix in Section J to fulfill the requirement. All labor, whether provided by the prime contractor or subcontractor, shall fall within the labor categories and rates established in Attachment 2, Resource Allocation Matrix in Section J.

For Software Development Products (CPFF) CLINs (0104, 0204, 0304, 0404 and 0504), the contractor shall provide a proposal with (1) CPFF labor rates and categories established in Attachment 2, Resource Allocation Matrix in Section J, and (2) a fixed fee amount applicable only to the CPFF labor cost negotiated with each delivery order to fulfill the requirement. The Government will evaluate the labor mix and hours for realism and consistency to the matrix, and fee amount will be negotiated based on the risk associated with the effort. All labor, whether provided by the prime contractor or subcontractor, shall fall within the labor categories and rates established in Attachment 2, Resource Allocation Matrix in Section J. The contractor will be paid only the CPFF labor rates established in the Resource Allocation Matrix, Attachment 2 in Section J of the RFP, and the Fixed Fee amount negotiated on each individual delivery order to be paid accordingly as a completion type CPFF CLIN. Certified cost or pricing data is required for delivery orders that exceed the Truth in Negotiations Act threshold.

H2 – TRAVEL, MATERIAL AND OTHER DIRECT COSTS

For travel, material and other direct costs associated with negotiated FFP CLINs, only the contractor's fixed factor(s) stated in Attachment 2, Resource Allocation Matrix in Section J shall be applicable. This fixed factor(s) shall include all the appropriate overhead, G&A and risk applicable to the travel, material and other direct costs.

For travel, material and other direct costs associated with negotiated CPFF CLINs, only the contractor's fixed factor(s) stated in Attachment 2, Resource Allocation Matrix in Section J shall be applicable. The fixed factor(s) shall include all the appropriate overhead and G&A applicable to travel, material, and other direct costs. Travel, Material, and ODCs will be paid on actual costs incurred in accordance with 5252.232-9509, with the applicable CPFF fixed factor percentage. Certified cost or pricing data is required for delivery orders that exceed the Truth in Negotiations Act threshold.

H3- USE AND DISCLOSURE RIGHTS IN SPECIAL WORKS

(a) This contract contains DFARS clause 252.227-7020, "Rights in Special Works." In accordance with DFARS clause 252.227-7020, all works produced, created, or generated under this contract remain the property of the Government. Pursuant to DFARS sections 227.7106(b) and 227.7205(b), the Government needs to restrict the contractor's rights to use or disclose works produced, created, or generated in the performance of this contract. Accordingly, the contractor shall not use or disclose works produced, created, or generated in the performance of this contract without first obtaining written approval from the contracting officer.

(b) Requests for approval shall identify the specific work to be used or disclosed, the medium to be used, and the purpose for the use or disclosure. The Contractor shall submit its request to the Contracting Officer at least thirty (30) days before the proposed date for use or disclosure.

(c) The Contractor agrees to include a similar requirement in each subcontract under this contract. Subcontractors shall submit requests for authorization to use or disclose works through the prime contractor to the Contracting Officer.

CLAUSES INCORPORATED BY FULL TEXT

5252.210-9501 AVAILABILITY OF UNIQUE DATA ITEM DESCRIPTIONS (UDIDs) AND DATA ITEM DESCRIPTIONS (DIDs) (NAVAIR) (FEB 2013)

Access Procedures for Acquisition Management System and Data Requirements Control List (AMSDL), DoD 5010.12-L, and DIDs listed therein. The AMSDL and all DIDs and UDIDs listed therein are available online via the Acquisition Streamlining and Standardization Information System located at <http://dodssp.daps.dla.mil/assist.htm>. To access these documents, select the Quick Search link on the site home page.

CLAUSES INCORPORATED BY FULL TEXT

5252.211- 9510 CONTRACTOR EMPLOYEES (NAVAIR)(MAY 2011)

(a) In all situations where contractor personnel status is not obvious, all contractor personnel are required to identify themselves to avoid creating an impression to the public, agency officials, or Congress that such contractor personnel are Government officials. This can occur during meeting attendance, through written (letter or email) correspondence or verbal discussions (in person or telephonic), when making presentations, or in other situations where their contractor status is not obvious to third parties. This list is not exhaustive. Therefore, the contractor employee(s) shall:

- (1) Not by word or deed give the impression or appearance of being a Government employee;
- (2) Wear appropriate badges visible above the waist that identify them as contractor employees when in Government spaces, at a Government-sponsored event, or an event outside normal work spaces in support of the contract/order;
- (3) Clearly identify themselves as contractor employees in telephone conversations and in all formal and informal written and electronic correspondence. Identification shall include the name of the company for whom they work;
- (4) Identify themselves by name, their company name, if they are a subcontractor the name of the prime contractor their company is supporting, as well as the Government office they are supporting when participating in meetings, conferences, and other interactions in which all parties are not in daily contact with the individual contractor employee; and
- (5) Be able to provide, when asked, the full number of the contract/order under which they are performing, and the name of the Contracting Officer's Representative.

(b) If wearing a badge is a risk to safety and/or security, then an alternative means of identification maybe utilized if endorsed by the Contracting Officer's Representative and approved by the Contracting Officer.

(c) The Contracting Officer will make final determination of compliance with regulations with regard to proper identification of contractor employees.

CLAUSES INCORPORATED BY FULL TEXT

5252.216-9512 PAPERLESS CONTRACTING (NAVAIR) (JUN 2009)

(a) Orders and requests for proposals are hereby authorized to be issued by facsimile or by electronic commerce (including e-mail and paperless methods of delivery). Nothing in this contract should be read to prohibit these types of orders. In the event of a conflict with any other provision of this contract, this clause shall govern.

(b) To the extent the terms “written”, “mailed”, or “physically delivered” appear in other provisions of this contract, these terms are hereby defined to explicitly include electronic commerce, email, or paperless delivery methods.

CLAUSES INCORPORATED BY FULL TEXT

5252.227-9507 NOTICE REGARDING THE DISSEMINATION OF EXPORT-CONTROLLED TECHNICAL DATA (NAVAIR) (OCT 2005)

(a) Export of information contained herein, which includes release to foreign nationals within the United States, without first obtaining approval or license from the Department of State for items controlled by the International Traffic in Arms Regulations (ITARs), or the Department of Commerce for items controlled by the Export Administration Regulations (EAR), may constitute a violation of law.

(b) For violation of export laws, the contractor, its employees, officials or agents are subject to:

- (1) Imprisonment and/or imposition of criminal fines; and
- (2) Suspension or debarment from future Government contracting actions.

(c) The Government shall not be liable for any unauthorized use or release of export-controlled information, technical data or specifications in this contract.

(d) The contractor shall include the provisions or paragraphs (a) through (c) above in any subcontracts awarded under this contract.

CLAUSES INCORPORATED BY FULL TEXT

5252.243-9504 AUTHORIZED CHANGES ONLY BY THE CONTRACTING OFFICER (NAVAIR) (JAN 1992)

(a) Except as specified in paragraph (b) below, no order, statement, or conduct of Government personnel who visit the contractor’s facilities or in any other manner communicates with contractor personnel during the performance of this contract shall constitute a change under the “Changes” clause of this contract.

(b) The contractor shall not comply with any order, direction or request of Government personnel unless it is issued in writing and signed by the Contracting Officer, or is pursuant to specific authority otherwise included as a part of this contract.

(c) The Contracting Officer is the only person authorized to approve changes in any of the requirements of this contract and notwithstanding provisions contained elsewhere in this contract, the said authority remains solely the Contracting Officer’s. In the event the contractor effects any change at the direction of any person other than the Contracting Officer, the change will be considered to have been made without authority and no adjustment will be made in the contract price to cover any increase in charges incurred as a result thereof. The address and telephone number of the Contracting Officer is:

[Rebeca Gonzalez, Code 2.5.3.1.1](#)
[12350 Research Parkway](#)
[Orlando, FL 32826](#)
[407-380-4524](#)
Rebeca.gonzalez@navy.mil

CLAUSES INCORPORATED BY FULL TEXT

5252.243-9505 ENGINEERING CHANGES (NAVAIR)(OCT 2005)

(a) After contract award, the Contracting Officer may solicit, and the contractor is encouraged to propose independently, engineering changes to the equipment, software specifications or other requirements of this contract. These changes may be proposed for reasons of economy, improved performance, or to resolve increased data processing requirements. If the proposed changes are acceptable to both parties, the contractor shall submit a price change proposal to the Government for evaluation. Those proposed engineering changes that are acceptable to the Government will be processed as modifications to the contract.

(b) This applies only to those proposed changes identified by the contractor, as a proposal submitted pursuant to the provisions of this clause. As a minimum, the following information shall be submitted by the contractor with each proposal:

(1) A description of the difference between the existing contract requirement and the proposed change, and the comparative advantages and disadvantages of each.

(2) Itemized requirements of the contract that must be changed if the proposal is adopted, and the proposed revision to the contract for each such change.

(3) An estimate of the changes in performance costs, if any, that will result from adoption of the proposal.

(4) An evaluation of the effects the proposed change would have on collateral costs to the Government such as Government-furnished property costs, costs of related items, and costs of maintenance and operation.

(5) A statement of the time by which the change order adopting the proposal must be issued so as to obtain the maximum benefits of the changes during the remainder of this contract. Also, any effect on the contract completion time or delivery schedule shall be identified.

(c) Engineering change proposals submitted to the Contracting Officer shall be processed expeditiously. The Government shall not be liable for proposal preparation costs or any delay in acting upon any proposal submitted pursuant to this clause. The contractor has the right to withdraw, in whole or in part, any engineering change proposal not accepted by the Government within the period specified in the engineering change proposal. The decision of the Contracting Officer as to the acceptance of any such proposal under this contract shall be final and shall not be subject to the "Disputes" clause of the contract.

(d) The Contracting Officer may accept any engineering change proposal submitted pursuant to this clause by giving the contractor written notice thereof. This written notice may be given by issuance of a modification to this contract. Unless and until a modification is executed to incorporate an engineering change proposal under this contract, the contractor shall remain obligated to perform in accordance with the terms of the existing contract.

(e) If an engineering change proposal pursuant to this clause is accepted and applied to this contract, an equitable adjustment in the contract price and in any other affected provisions of this contract shall be made in accordance with the "Changes" clause.

(f) The contractor is requested to identify specifically any information contained in its engineering change proposal which it considers confidential and/or proprietary and which it prefers not to be disclosed to the public. The identification of information as confidential and/or proprietary is for information purposes only and shall not be binding on the Government to prevent disclosure of such information. Offerors are advised that such information may be subject to release upon request pursuant to the Freedom of Information Act (5 U.S.C. 552).

CLAUSES INCORPORATED BY FULL TEXT

**5252.245-9500 GOVERNMENT PROPERTY FOR THE PERFORMANCE OF THIS CONTRACT
(NAVAIR) (MAY 2012)**

(a) Authorization is granted to use the Government property identified below without rental charge in the performance of this contract and subcontracts of any tier issued hereunder (see FAR 45.201(a) for further information regarding identification requirements) :

(1) Government property currently accountable and managed under the following contracts:

[To be indicated at the delivery order level]

Contract Number	Nomenclature/ Description	Part/ Model/ Number	Mfg	Serial Number (Unique Item Identifier)	Quantity/ Unit of Issue	As Is: Yes/No	Unit Acq Cost

(2) Government furnished property to be provided under this contract:

[To be indicated at the delivery order level]

Nomenclature/ Description	Part/ Model Number and National Stock Number	Mfg	Serial Number (Unique Item Identifier)	Quantity/ Unit of Issue	As Is: Yes/No	Unit Acq Cost

(3) Government furnished material, as defined in FAR 45.101, to be provided under this contract:

[To be indicated at the delivery order level]

Nomenclature/ Description	Part Number	Mfg	Unit of Issue	Quantity	As Is: Yes/No	Unit Acq Cost

(4) If authority has been granted in accordance with FAR 51.102, Contractor access to Government supply sources is authorized for the following items. Paragraph (b) does not apply to purchases under the NMCI/CoSC contract.

[To be indicated at the delivery order level]

Schedule/Source	Nomenclature/ Description	Part Number	Mfg	Unit of Issue	Quantity Authorized	Unit Acq Cost

(b) The contractor shall prepare requisition documentation for the items listed in paragraph (a)(4) above in accordance with the “Military Standard Requisitioning and Issue Procedures (MILSTRIP) for Defense Contractors”, DoD 4000.25-1- M, Chapter 11, which is available at <http://www.dtic.mil/whs/directives> under publications. The contractor shall submit all requisitions for material from the supply system to the Material Control Activity specified in Section G of this contract.

(c) Government property provided above (except for special tooling and special test equipment as defined in FAR 2.101) shall not be installed or constructed or otherwise affixed to property not owned by the Government in such a fashion as to be nonseverable unless written authorization has been obtained from the Contracting Officer.

(d) The contractor is responsible for scheduling the use of all property covered by this clause and the Government shall not be responsible for conflicts, delays, or disruptions to any work performed by the contractor due to use of any or all such property, either under this contract or any other contracts under which use of such property is authorized.

CLAUSES INCORPORATED BY FULL TEXT

5252.246-9503 SIGNIFICANCE OF SYSTEMS ENGINEERING TECHNICAL REVIEWS REQUIRED UNDER THIS CONTRACT (NAVAIR) (JUL 2009)

(a) The effort to be performed under this contract includes a series of systems engineering technical reviews to review the design/development of the system and assess the progress towards meeting the technical and/or performance requirements set forth in this contract. The reviews will provide an independent assessment of the emerging design/development of the system against the contractual requirements and user's capabilities requirements.

(b) Government express or implied approval of any particular technical approach or deliverable does not alter the Contractor's responsibility to meet the requirements of the contract. The contractor maintains design responsibility for the system at all times.

Section I - Contract Clauses

NOTE

All clauses in this section apply to all CLINs unless otherwise noted.

CLAUSES INCORPORATED BY REFERENCE

52.202-1	Definitions	JAN 2012
52.203-5	Covenant Against Contingent Fees	APR 1984
52.203-6	Restrictions On Subcontractor Sales To The Government	SEP 2006
52.203-7	Anti-Kickback Procedures	OCT 2010
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	JAN 1997
52.203-10	Price Or Fee Adjustment For Illegal Or Improper Activity	JAN 1997
52.203-12	Limitation On Payments To Influence Certain Federal Transactions	OCT 2010
52.203-16	Preventing Personal Conflicts of Interest	DEC 2011
52.204-2	Security Requirements	AUG 1996
52.204-9	Personal Identity Verification of Contractor Personnel	JAN 2011
52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards	AUG 2012
52.209-9	Updates of Publicly Available Information Regarding Responsibility Matters	FEB 2012
52.209-10	Prohibition on Contracting With Inverted Domestic Corporations	MAY 2012
52.211-5	Material Requirements	AUG 2000
52.215-2	Audit and Records--Negotiation	OCT 2010
52.215-8	Order of Precedence--Uniform Contract Format	OCT 1997
52.215-10	Price Reduction for Defective Certified Cost or Pricing Data	AUG 2011
52.215-12	Subcontractor Certified Cost or Pricing Data	OCT 2010
52.215-14	Integrity of Unit Prices	OCT 2010
52.215-15	Pension Adjustments and Asset Reversions	OCT 2010
52.215-17	Waiver of Facilities Capital Cost of Money	OCT 1997
52.215-18	Reversion or Adjustment of Plans for Postretirement Benefits (PRB) Other than Pensions	JUL 2005
52.215-19	Notification of Ownership Changes	OCT 1997
52.215-21 Alt III	Requirements for Cost or Pricing Data or Information Other Than Cost or Pricing Data--Modifications (Oct 2010) - Alternate III	OCT 1997
52.215-23	Limitations on Pass-Through Charges	OCT 2009
52.216-7	Allowable Cost And Payment	JUN 2013
52.216-8	Fixed Fee	JUN 2011
52.219-6	Notice Of Total Small Business Set-Aside	NOV 2011
52.219-14	Limitations On Subcontracting	NOV 2011
52.222-20	Walsh-Healey Public Contracts Act	OCT 2010
52.222-50	Combating Trafficking in Persons	FEB 2009
52.222-54	Employment Eligibility Verification	JUL 2012
52.223-16 Alt I	IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (Dec 2007) Alternate I	DEC 2007
52.223-18	Encouraging Contractor Policies To Ban Text Messaging While Driving	AUG 2011

52.225-13	Restrictions on Certain Foreign Purchases	JUN 2008
52.225-25	Prohibition on Engaging in Sanctioned Activities Relating to Iran--Certification.	NOV 2011
52.227-1	Authorization and Consent	DEC 2007
52.227-2	Notice And Assistance Regarding Patent And Copyright Infringement	DEC 2007
52.227-3	Patent Indemnity	APR 1984
52.227-10	Filing Of Patent Applications--Classified Subject Matter	DEC 2007
52.227-11	Patent Rights--Ownership By The Contractor	DEC 2007
52.227-13	Patent Rights--Ownership By The Government	DEC 2007
52.229-3	Federal, State And Local Taxes	APR 2003
52.232-1	Payments	APR 1984
52.232-8	Discounts For Prompt Payment	FEB 2002
52.232-9	Limitation On Withholding Of Payments	APR 1984
52.232-11	Extras	APR 1984
52.232-16	Progress Payments	APR 2012
52.232-23 Alt I	Assignment of Claims (Jan 1986) - Alternate I	APR 1984
52.232-25	Prompt Payment	OCT 2008
52.232-33	Payment by Electronic Funds Transfer--Central Contractor Registration	OCT 2003
52.232-99 (Dev)	Providing Accelerated Payment to Small Business Subcontractors (Deviation)	AUG 2012
52.233-4	Applicable Law for Breach of Contract Claim	OCT 2004
52.234-1	Industrial Resources Developed Under Defense Production Act Title III	DEC 1994
52.243-1	Changes--Fixed Price	AUG 1987
52.243-6	Change Order Accounting	APR 1984
52.244-5	Competition In Subcontracting	DEC 1996
52.245-1	Government Property	APR 2012
52.245-9	Use And Charges	APR 2012
52.246-23	Limitation Of Liability	FEB 1997
52.246-24	Limitation Of Liability--High-Value Items	FEB 1997
52.246-25	Limitation Of Liability--Services	FEB 1997
52.249-8	Default (Fixed-Price Supply & Service)	APR 1984
252.201-7000	Contracting Officer's Representative	DEC 1991
252.203-7000	Requirements Relating to Compensation of Former DoD Officials	SEP 2011
252.203-7002	Requirement to Inform Employees of Whistleblower Rights	JAN 2009
252.203-7005	Representation Relating to Compensation of Former DoD Officials	NOV 2011
252.204-7004 Alt A	Central Contractor Registration Alternate A	SEP 2007
252.204-7006	Billing Instructions	OCT 2005
252.204-7008	Export-Controlled Items	APR 2010
252.205-7000	Provision Of Information To Cooperative Agreement Holders	DEC 1991
252.215-7000	Pricing Adjustments	DEC 1991
252.215-7002	Cost Estimating System Requirements	FEB 2012
252.222-7006	Restrictions on the Use of Mandatory Arbitration Agreements	DEC 2010
252.223-7004	Drug Free Work Force	SEP 1988
252.223-7008	Prohibition of Hexavalent Chromium	MAY 2011
252.225-7004	Report of Intended Performance Outside the United States and Canada--Submission after Award	OCT 2010
252.225-7006	Quarterly Reporting of Actual Contract Performance Outside the United States	OCT 2010
252.225-7033	Waiver of United Kingdom Levies	APR 2003

252.226-7001	Utilization of Indian Organizations and Indian-Owned Economic Enterprises, and Native Hawaiian Small Business Concerns	SEP 2004
252.227-7016	Rights in Bid or Proposal Information	JAN 2011
252.227-7019	Validation of Asserted Restrictions--Computer Software	SEP 2011
252.227-7020	Rights In Special Works	JUN 1995
252.227-7021	Rights In Data--Existing Works	MAR 1979
252.227-7025	Limitations on the Use or Disclosure of Government-Furnished Information Marked with Restrictive Legends	MAR 2011
252.227-7027	Deferred Ordering Of Technical Data Or Computer Software	APR 1988
252.227-7030	Technical Data--Withholding Of Payment	MAR 2000
252.227-7032	Rights In Technical Data And Computer Software (Foreign)	JUN 1975
252.227-7037	Validation of Restrictive Markings on Technical Data	JUN 2012
252.227-7039	Patents--Reporting Of Subject Inventions	APR 1990
252.231-7000	Supplemental Cost Principles	DEC 1991
252.232-7010	Levies on Contract Payments	DEC 2006
252.239-7001	Information Assurance Contractor Training and Certification	JAN 2008
252.243-7001	Pricing Of Contract Modifications	DEC 1991
252.245-7001	Tagging, Labeling, and Marking of Government-Furnished Property	APR 2012
252.245-7002	Reporting Loss of Government Property	APR 2012
252.245-7003	Contractor Property Management System Administration	APR 2012
252.245-7004	Reporting, Reutilization, and Disposal	MAY 2013
252.247-7023 Alt I	Transportation of Supplies by Sea(May 2002) Alternate I	MAR 2000
252.247-7024	Notification Of Transportation Of Supplies By Sea	MAR 2000

CLAUSES INCORPORATED BY FULL TEXT

52.216-19 ORDER LIMITATIONS (OCT 1995)

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than \$3,000, the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor--

(1) Any order for a single item in excess of \$9,000,000;

(2) Any order for a combination of items in excess of \$9,000,000; or

(3) A series of orders from the same ordering office within 5 days that together call for quantities exceeding the limitation in subparagraph (1) or (2) above.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) above.

(d) Notwithstanding paragraphs (b) and (c) above, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within 10 days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

52.216-22 INDEFINITE QUANTITY (OCT 1995)

(a) This is an indefinite-quantity contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies and services specified in the Schedule are estimates only and are not purchased by this contract.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. The Contractor shall furnish to the Government, when and if ordered, the supplies or services specified in the Schedule up to and including the quantity designated in the Schedule as the "maximum." The Government shall order at least the quantity of supplies or services designated in the Schedule as the "minimum."

(c) Except for any limitations on quantities in the Order Limitations clause or in the Schedule, there is no limit on the number of orders that may be issued. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(d) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after 210 days past the end of the last ordering period.

52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION (APR 2012)

(a) Definitions. As used in this clause--

Long-term contract means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.

Small business concern means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (c) of this clause. Such a concern is "not dominant in its field of operation" when it does not exercise a controlling or major influence on a national basis in a kind of business activity in which a number of business concerns are primarily engaged. In determining whether dominance exists, consideration shall be given to all appropriate factors, including volume of business, number of employees, financial resources, competitive status or position, ownership or control of materials, processes, patents, license agreements, facilities, sales territory, and nature of business activity.

(b) If the Contractor represented that it was a small business concern prior to award of this contract, the Contractor shall rerepresent its size status according to paragraph (e) of this clause or, if applicable, paragraph (g) of this clause, upon the occurrence of any of the following:

(1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.

(2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract.

(3) For long-term contracts--

(i) Within 60 to 120 days prior to the end of the fifth year of the contract; and

(ii) Within 60 to 120 days prior to the date specified in the contract for exercising any option thereafter.

(c) The Contractor shall rerepresent its size status in accordance with the size standard in effect at the time of this rerepresentation that corresponds to the North American Industry Classification System (NAICS) code assigned to this contract. The small business size standard corresponding to this NAICS code can be found at <http://www.sba.gov/content/table-small-business-size-standards/>.

(d) The small business size standard for a Contractor providing a product which it does not manufacture itself, for a contract other than a construction or service contract, is 500 employees.

(e) Except as provided in paragraph (g) of this clause, the Contractor shall make the rerepresentation required by paragraph (b) of this clause by validating or updating all its representations in the Online Representations and Certifications Application and its data in the Central Contractor Registration, as necessary, to ensure that they reflect

the Contractor's current status. The Contractor shall notify the contracting office in writing within the timeframes specified in paragraph (b) of this clause that the data have been validated or updated, and provide the date of the validation or update.

(f) If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (e) or (g) of this clause.

(g) If the Contractor does not have representations and certifications in ORCA, or does not have a representation in ORCA for the NAICS code applicable to this contract, the Contractor is required to complete the following rerepresentation and submit it to the contracting office, along with the contract number and the date on which the rerepresentation was completed:

The Contractor represents that it [] is, [] is not a small business concern under NAICS Code [541511] assigned to contract number [_____].

[Contractor to sign and date and insert authorized signer's name and title].

Signature

Date

Signer's Printed Name

Signer's Title

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): <https://www.acquisition.gov/far/> or <http://farsite.hill.af.mil>.

52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES (APR 1984)

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any **Defense Federal Acquisition Regulation** (48 CFR **Chapter 2**) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

252.216-7006 ORDERING (MAY 2011)

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the contract schedule. Such orders may be issued from [____*____] through [____*____].

(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

(c)(1) If issued electronically, the order is considered "issued" when a copy has been posted to the Electronic Document Access system, and notice has been sent to the Contractor.

(2) If mailed or transmitted by facsimile, a delivery order or task order is considered "issued" when the Government deposits the order in the mail or transmits by facsimile. Mailing includes transmittal by U.S. mail or private delivery services.

(3) Orders may be issued orally only if authorized in the schedule.

*** To be completed at contract award.**

5252.204-9504 DISCLOSURE OF CONTRACT INFORMATION (NAVAIR) (JAN 2007)

(a) The Contractor shall not release to anyone outside the Contractor's organization any unclassified information (e.g., announcement of contract award), regardless of medium (e.g., film, tape, document), pertaining to any part of this contract or any program related to this contract, unless the Contracting Officer has given prior written approval.

(b) Requests for approval shall identify the specific information to be released, the medium to be used, and the purpose for the release. The Contractor shall submit its request to the Contracting Officer at least ten (10) days before the proposed date for release.

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

Section J - List of Documents, Exhibits and Other Attachments

LIST OF ATTACHMENTS

<u>Attachments</u>	<u>Title</u>
1	Statement of Work (SOW) for Multi-purpose Reconfigurable Training System (MRTS)
- Appendix A	List of Government Furnished Equipment
- Appendix B	List of Contract Data Requirements Lists (CDRL)
2	Resource Allocation Matrix
3	Data Item Transmittal/Acceptance/Rejection Form
4	Past Performance Questionnaire
5	Security Requirements DD Form 254
6	Limitation on Subcontracting Charts
7	Government Furnished Information (GFI) Request and Non-Disclosure Agreement
8	RFP Question and Answer Form
9	Contracting Officer Representative (COR) Appointment Letter
Exhibits A through F	Contract Data Requirements List (CDRLs)

ATTACHMENT 1 - SOWStatement of Work
For Multi-purpose Reconfigurable Training System (MRTS)**1. SCOPE**

This statement of work (SOW) defines the effort required to provide Naval Air Warfare Center, Training Systems Division (NAWCTSD), with development and sustainment of training solutions using the Multi-purpose Reconfigurable Training System (MRTS). The MRTS effort consists primarily of end item deliverables including: media, test and evaluation products, technical documentation, life cycle support products, workstation simulation products, and MRTS software products consisting of re-used and expanded code, libraries, and data. Delivery orders (DOs) may be issued to develop and field new training solutions emulating other military systems. Individual DOs may include hardware procurement and integration of hardware with MRTS software, life cycle support products, and data collection and analysis activities to directly support product development. Operation and maintenance of the fielded trainers is not a requirement under this SOW and is being provided via other contract vehicles, such as contractor maintenance services (CMS). Current MRTS products simulate tactical systems found on submarines of the U.S. Navy. DOs of this contract may include products for the U.S. and foreign armed services and any other customer of NAWCTSD.

1.1 Background

The MRTS uses primarily Commercial Off the Shelf (COTS) hardware and Windows operating systems to simulate various Naval tactical systems for training purposes. Currently, a MRTS device has up to 21 equipment racks and five laptops networked together, with each equipment rack having one or more CPUs and several touch screen monitors. The computers are linked together in a stand-alone Local Area Network (LAN) that runs government-owned simulation software.

The current MRTS family of software applications simulate the following submarine tactical systems:

1. Submarine Communications Support System (SCSS)
2. Common Submarine Radio Room (CSRR) Operator
 - a. Increment 1 Version 1 (SSBN)
 - b. Increment 1 Version 1 (SSN Virginia Class)
 - c. Increment 1 Version 2 (SSGN)
 - d. Increment 1 Version 3 (SSN Los Angeles class)
 - e. Increment 1 Version 3 (SSN Virginia Class)
 - f. Increment 1 Version 3 (SSBN)
3. CSSR Maintenance
 - a. Increment 1 Version 1 (SSBN)
 - b. Increment 1 Version 2 (SSGN)
 - c. Increment 1 Version 3 (SSN Los Angeles class)
 - d. Increment 1 Version 3 (SSN Virginia Class)
4. Weapons Launch Console Team Trainer (WLCTT)
5. Digital Modular Radio (DMR) Classroom Software – A subset of the CSRR build designed for classroom training.
6. BLQ-10 Maintenance – A derivative of the MRTS maintenance capabilities baseline providing
7. BLQ-10 maintenance training.

There are four types of training devices installed at seven training sites:

1. Naval Submarine School, Groton, CT
 - a. Device 21E17 - WLCTT

- b. Device 21H42 – SCSS
- c. Device 21H44 – CSRR Operator
- d. Device 21H45 – CSRR Maintenance
2. Naval Submarine Training Center, Pacific, Pearl Harbor, HI
 - a. Device 21E17 - WLCTT
 - b. Device 21H42 – SCSS
3. TRIDENT Training Facility (TTF), Bangor, WA
 - a. Device 21H44 – CSRR Operator
 - b. Device 21H45 – CSRR Maintenance
4. TTF Kings Bay, GA
 - a. Device 21H44 – CSRR Operator
 - b. Device 21H45 – CSRR Maintenance
5. Submarine Learning Facility, Norfolk, VA
 - a. Device 21H42 – SCSS
6. Submarine Learning Center Detachment, San Diego, CA
 - a. Device 21H42 – SCSS
7. Naval Submarine Training Center Pacific Detachment, Guam
 - a. Device 21H42 – SCSS

All devices consist of commercially available computer systems, networks and peripherals. Each training device can run a variety of software applications. The devices are generally named after the first software application that was delivered on that device, but each device can run several of the applications. For example, the CSRR Operator trainer, Device 21H44, is fully capable of running the SCSS software.

1.2 Method of Tasking

Government requirements issued under the basic IDIQ Contract will be met through individual DOs with a DO SOW containing the requirements for specific tasks relating to training system products. DOs may be issued at any time during contract performance, and will be related to scope tasks outlined in the basic SOW. Additionally, the Government will include a set of data item requirements for the DO in the form of CDRL items.

1.3 Definitions

The following definitions apply to this SOW.

1.3.1 Engineering Production Model (EPM)

An EPM is a standalone training system built to match the requirements of a fielded MRTS Device, such as the 21H45 or 21E17. An EPM may be used for testing purposes during the course of the execution of the terms of a delivery order.

1.3.2 MRTS integration laboratories

The integration labs are used by the government to accept products developed as the result of a delivery order. Currently, MRTS assets are located at government facilities within or close vicinity of Naval Support Activity (NSA) Orlando, Florida. The labs currently have one MRTS 21H45, one MRTS 21E22M, and one MRTS 21E17 training device, but lab sizes and locations may change during the course of the contract. Access to the integration labs will be granted to test on the EPMs as well as to perform the core sustainment functions. The integration labs typically consist of:

- a. EPMs
- b. Workstations for Government employees
- c. Servers for configuration management of the MRTS software and data repositories
- d. Storage space for accountable inventories
- e. Associated spares
- f. Workspaces, without computers, available to the contractor.

2. APPLICABLE DOCUMENTS

The following documents of the issue listed form a part of this SOW to the extent specified herein. In the event of a conflict between documents referenced herein and the contents of this SOW, the contents of this SOW take precedence. Nothing in this SOW, however, supersedes applicable laws and regulations, unless a specific exemption has been obtained.

2.1 Government Documents

SPECIFICATIONS:

- | | | |
|--------------------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4621-SRS-FY-09-001 | - | Software Requirements Specification for Multi-Purpose Reconfigurable Training System (MRTS) for the Common Submarine Radio Room (CSRR) I1V2 SSGN Class Operator Trainer |
| CSRR MRTS LA I1V3-SRS-FY-10-001 | - | Software Requirements Specification for MRTS CSRR Los Angeles Class I1V3 Operator Trainer |
| CSRR MRTS VA I1V3-SRS-FY-10-001 | - | Software Requirements Specification for MRTS CSRR Virginia Class I1V3 Operator Trainer |
| Naval Air Warfare Center Training Systems Division (NAWCTSD) | | |
| NAWCTSD P-8651 | - | Device 21H42 SCSS Systems Interface Manual (SIM) |
| NAWCTSD P-8653 | - | Device 21H42 SCSS Training System Support Document (TSSD)
Device 21H44 CSRR SIM |
| NAWCTSD P-8883 | - | Device 21H44 CSRR TSSD |
| NAWCTSD P-8884 | - | Device 21H45 CSRR SIM |
| NAWCTSD P-9059 | - | Device 21H45 CSRR |
| NAWCTSD P-9060 | - | |
| NAWCTSD P-8149 | - | Device 21E17 WLCTT SIM |
| NAWCTSD P-8150 | - | Device 21E17 WLCTT TSSD |

OTHER PUBLICATIONS:

- Code of Federal Regulations (CFR)
[22 CFR, Parts 120 - 130](#) - Foreign Relations, Chapter I - Department of State, Subchapter M - International Traffic in Arms Regulations
 (The above regulations are available at http://www.pmdtdc.state.gov/regulations_laws/itar_official.html)
- [29 CFR 1910.147](#) - The control of hazardous energy (lockout/tagout)
 (OSHA standards are downloadable from <http://www.osha.gov>)
- Defense Federal Acquisition Regulations Supplement (DFARS)
[DFARS 252.211-7003](#) - Item Identification and Valuation (Aug 2008)
[DFARS 252.239-7001](#) - Information Assurance Contractor Training and Certification (Jan 2008)
 (DFARS Clauses are downloadable from <http://farsite.hill.af.mil/vfdfara.htm>)
- Department of Defense (DoD) Handbooks
[MIL-HDBK-217E](#), Notice 2 - Reliability Prediction of Electronic Equipment
[MIL-HDBK-472](#), Notice 1 - Maintainability Prediction
[MIL-HDBK-881A](#) - Work Breakdown Structures for Defense Materiel Items

(Copies of the above handbooks are available at http://assistdocs.com/search/search_basic.cfm or from the Standardization Document Order Desk, 700 Robbins Ave., Bldg 4D, Philadelphia, PA 19111-5094.)

DoD and Department of the Navy (DoN) Security and Information Assurance (IA) Instructions, Manuals, Policy Memos, and Guidance Documents

- [DODI 8500.2](#) - Information Assurance (IA) Implementation dated 6 Feb 2003
- [DoD 5220.22-M](#) - National Industrial Security Program Operating Manual, dated 28 Feb 2006
- [DODI 8510.01](#) - DoD Information Assurance Certification and Accreditation Process (DIACAP), dated 28 Nov 2007
- Unnumbered document - [DON Platform IT Information Assurance Guidance](#)
- [DON CIO Memo 02-10](#) - DON CIO Information Assurance Policy Update for Platform IT, 26 April 2012
- Unnumbered document - [Platform Information Technology Definitions](#)

The above IA documents are available at <http://nawctsd.navair.navy.mil/Resources/Library/IA/Index.cfm>.
The NISPOM is available at <http://www.dtic.mil/whs/directives/corres/pub1.html>

Federal Acquisition Regulations (FAR)

- [FAR 52.204-9](#) - Personal Identity Verification of Contractor Personnel
 - [FAR 52.222-54](#) - Employment Eligibility Verification
- (FAR Clauses are downloadable from <http://farsite.hill.af.mil/vffara.htm>)

NAVAIR Instructions

- [NAVAIRINST 4355.19D](#) - Systems Engineering Technical Reviews, dated 17 April 2009

(NAVAIR Instructions are downloadable from <https://homepages.navair.navy.mil/directives/index.cfm>)

United States (US) Code

- [Title 10, Section 2451 - 2456](#) - Defense Standardization Program
- (U.S Code is downloadable from <http://uscode.house.gov/search/criteria.shtml>)

US Office of Personnel Management (OPM)

- [OPM Memorandum](#) - [Final Credentialing Standards for Issuing Personal Identity Verification Cards under HSPD-12, dated 31 July 2008](#)

(The above document is downloadable from http://www.opm.gov/investigate/resources/final_credentialing_standards.pdf)

2.2 Non-Government Documents

INDUSTRY STANDARDS

American National Standards Institute (ANSI)/American Society for Quality (ASQ)

[ANSI/ASQ Q9000-2005](#) - Quality Management Systems - Fundamentals and Vocabulary

[ANSI/ASQ Q9001-2008](#) - Quality Management Systems - Requirements

[ANSI/ASQ Q9004-2009](#) - Quality Management Systems - Guidelines for Performance Improvements

(Copies of the above documents are available from www.ansi.org or Global Engineering Documents, 15 Inverness Way, East Englewood, CO 80112.)

ANSI/Electronic Industries Alliance (EIA)

[ANSI/EIA-649-B 2011](#) - Configuration Management Standard

(Copies of the above document are available from www.ansi.org or Global Engineering Documents, 15 Inverness Way, East Englewood, CO 80112.)

ANSI/Institute of Electrical and Electronics Engineers (IEEE)

[IEEE Std 1233-1998 Edition \(R2002\)](#) - IEEE Guide for Developing System Requirements Specifications

[IEEE/EIA 12207.1-1997](#) - Standard for Information Technology – Software Life Cycle Process – Life Cycle Data

[IEEE Std 12207-2008](#), 2nd Edition - Systems and Software Engineering – Software life cycle processes

[IEEE Std 15288-2008](#), 2nd Edition - Systems and Software Engineering – System Life Cycle Process

(Copies of this document are available from www.ieee.org or IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854-1331.)

International Organization for Standardization/International Electro-technical Commission (ISO/IEC)

[ISO/IEC 27002:2005](#) - Information technology - Security techniques - Code of practice for information security management (Redesignation of ISO/IEC 17799:2005)

(Copies of this document are available from <http://www.ansi.org>)

3. REQUIREMENTS

3.1 General

The requirements defined herein form the basis for all work and products delivered to the Government as a part of the contract. This SOW defines the scope of the projects which apply to the contract. The Contractor shall organize, coordinate, and control all program activities under contract to ensure compliance with the contract requirements and delivery of the required products and incidental services. The Government shall retain unlimited rights to all works, as defined in DFARS clause 252.227-7020, created, generated, or produced and required to be delivered under this contract.

3.1.1 Contractor's Progress, Status, and Management Report (CPSMR)

The contractor shall prepare the Contractor's Progress, Status, and Management Report in accordance with (IAW) the Contract Data Requirements List (CDRL B001) for all open delivery orders. For administrative efficiency, the

contractor may consolidate CPSMRs into a single report with subsections describing status of individual delivery orders.

3.1.1.1 Program Planning

The purpose of the program planning process is to produce and communicate effective and workable program plans. The contractor shall prepare and submit the System Engineering Management Plan (SEMP) IAW CDRL A00D. The contractor shall prepare and submit the Software Development Plan (SDP) IAW CDRL A003.

3.1.1.1.1 Program Decision Management

The purpose of the decision management process is to select the most beneficial course of program action where alternatives exist. The contractor shall define, document, manage, and apply a program decision management process IAW IEEE Std 12207-2008, section 6.3.3.

3.1.1.1.2 Development of a Contract Work Breakdown Structure (CWBS)

When required by the DO, the requirements of this paragraph shall apply. The contractor shall develop, document, maintain, and apply a CWBS and CWBS dictionary that define the work structures required to perform the work required by the DO. The contractor shall use the CWBS as the framework for planning, budgeting, and reporting of cost, schedule, and performance. The contractor shall use MIL-HDBK-881A for guidance in CWBS and CWBS dictionary definition. The contractor shall extend the CWBS to lower levels that represent the plan to accomplish the entire DO work scope consistent with internal organizations and processes. The contractor shall update the CWBS and CWBS dictionary as changes occur or additional system definition is accomplished. The contractor shall prepare the CWBS IAW CDRL B004.

3.1.1.1.3 Work Planning and Scheduling

When required by the DO, the requirements of this paragraph shall apply. The contractor shall develop, document, manage, and apply an Integrated Master Schedule (IMS) that presents the contractor's and subcontractor's plans and schedules to meet the requirements of the DO. The contractor shall develop and document a tiered scheduling system based on the CWBS elements showing the program milestones and prerequisite events, conferences, reviews, data submittals, and deliveries. The contractor shall construct the IMS to ensure that the program milestones are met and to ensure that deliveries meet the requirements of the DO. Contractor schedule information delivered to the Government or presented at program reviews shall originate from the IMS. The contractor shall perform analyses of the IMS tasks, compare the IMS tasks to the schedule baseline, report potential or existing problem areas, and recommend corrective actions to eliminate or reduce schedule impact. The contractor shall revise the IMS, where necessary, to reflect DO changes. The contractor shall use the IMS as a day-to-day execution tool and to periodically assess progress in meeting program requirements. The contractor shall prepare the IMS IAW CDRL B005.

3.1.1.2 Integrated Product Teams (IPTs)

When required by the DO, the requirements of this paragraph shall apply. The contractor shall define, document, implement, and maintain an IPT structure for the duration of the DO. The purpose of an IPT is to bring together the functions that have a stake in the performance of a product or process and concurrently make integrated decisions affecting that product or process. IPT membership will consist of multi-functional stakeholders working together with a product-oriented focus. Each IPT will be empowered to make critical life cycle decisions regarding each product or process within their purview. IPTs will be applied at various levels ranging from the overall structure of an organization to informal groups functioning across existing units. With Government input, the contractor shall define and document the composition, structure, roles, and responsibilities of each IPT. Each IPT will maintain a list of membership. Each IPT will consist of Government and contractor personnel and have a Government chair. Each IPT will publish an agenda before each meeting. Each IPT will record and maintain meeting minutes.

3.1.1.3 Risk Management

The purpose of the risk management process is to continuously identify, analyze, treat, and monitor the risks to the program. When required by the DO, the requirements of this paragraph shall apply. The contractor shall conduct risk management to systematically control the uncertainty in the project's ability to meet cost, schedule, and performance requirements. The contractor may use NAVAIRINST 5000.21B for guidance in the contractor's

approved Risk Management Plan (RMP) (CDRL A00F). The contractor shall participate in the Government Risk Working Group established for this program. The contractor shall report risk information, data, and analysis in the Contractor's Progress, Status, and Management Report (CPSMR) cited in 0 above.

3.1.1.4 Quality Management

The purpose of the quality management process is to assure that the products meet contractor quality objectives and Government requirements. When required by the DO, the requirements of this paragraph shall apply. The contractor shall address methods to control the quality of the DO product(s) in the SDP and SEMP. The contractor may use ANSI/ASQ Q9000-2005 and ANSI/ASQ Q9004-2009 for guidance.

3.1.1.5 Control of GFE/GFI

The contractor shall perform the following tasks to control all GFE provided to support the DO as part of the quality management process:

- a. Examine upon receipt, consistent with practicality, to detect damage
- b. Provide storage that precludes deterioration
- c. Examine prior to installation, consistent with practicality, to detect damage
- d. Identify and protect from improper use or disposition
- e. Verify and audit quantity periodically

3.1.1.5.1.1 GFE/GFI Issued

Equipment listed in Appendix A, Table A-V, is available for use by the contractor in the execution of delivery orders. The contractor shall protect GFE IAW FAR 52.245-1. The contractor shall return the GFE at the end of the delivery order or as directed by the government. The returned GFE is subject to government inspection, and the contractor shall be responsible for costs associated with repairs due to negligent use or failing to follow FAR 52.245-1.

3.1.1.6 Configuration Management (CM)

The purpose of the CM process is to establish and maintain the integrity of identified Configuration Items (CIs) over their lifecycle. When required by the DO, the requirements of this paragraph shall apply. The contractor shall define, document, manage, and apply a CM process IAW IEEE Std 12207-2008, section 6.3.5 and 7.2.2; and ANSI/EIA-649-B 2011 in the contractor's approved Configuration Master Plan (CMP), prepared IAW with CDRL A00E. The contractor shall place Government-Furnished Software (GFS), NDI, and Commercial Item software, and each item's associated documentation under CM upon receipt. The contractor shall place Commercial Item software items under CM as "disk image" files of the physical media. The Government will maintain a separate CM repository in the MRTS integration labs. This repository is not accessible outside the integration labs, and is also used by Government team members to store Government developed MRTS software and documentation and to track repository status. The contractor shall address the integration labs in the CMP and ensure that the integration labs are updated each time a testing event occurs and that all changes in software/documentation under a DO are also captured in the integration lab repositories.

3.1.1.6.1 Change Management

When required by the DO, the requirements of this paragraph shall apply. The contractor shall define, document, manage, and apply a process to accomplish change management. The contractor shall use Engineering Change Proposals (ECPs) and Request for Deviations (RFDs) to request changes to an approved baseline. The contractor shall prepare the Engineering Change Proposal (ECP) and Request for Deviation (RFD) IAW CDRLs A00A and A00B, respectively.

3.1.1.6.2 Configuration Status Accounting

When required by the DO, the requirements of this paragraph shall apply. The contractor shall define, document, manage, and apply a process to accomplish configuration status accounting. The contractor shall identify and document all items incorporated into or deleted from the training device during development and modification. The contractor shall prepare the Technical Directive (TD) (Training Equipment Change Directive (TECD) IAW CDRL D004.

3.1.1.6.3 Infoshare Website

When required by the DO, the requirements of this paragraph shall apply. The contractor will be provided access to a secure NAWCTSD Infoshare Website to post and retrieve contract-related documents, data, and information. The NAWCTSD Infoshare Website meets current Federal Government, Navy, and NAWCTSD Information Assurance standards. The contractor shall contact the NAWCTSD Infoshare point of contact (as identified in the DO) to coordinate access to the NAWCTSD Infoshare Website. The contractor shall notify the Government team via email when new or changed contract-related documents, data, and information are posted in the NAWCTSD Infoshare Website. Only unclassified data shall be posted in the NAWCTSD Infoshare Website.

3.1.1.7 Use of Contractor's Inspection Equipment

When specified by the DO, the contractor shall make measuring and testing devices available for use by the Government when required to determine conformance with contract requirements. The contractor shall provide the personnel needed to operate such devices and to verify calibration, accuracy, and condition.

3.1.2 Security (Classified Programs)

When specified by the DO, the development of and/or the resultant DO product may require a security classification level of Secret. The Contractor shall be required to work with classified data that does not exceed the Secret security classification level. All Contractor personnel under the MRTS contract shall have the clearance needed to work on the tasks assigned. The Contractor shall comply with all security requirements as identified by the latest revision of the following documents: the DOD Contract Security Classification Specification (DD Form 254), which is executed IAW DOD 5220.22-M and DODI 5200.01.

When at Government facilities, the Contractor shall also adhere to all local security procedures required by the facility. The Contractor shall arrange for security badges and passes ensuring Contractor personnel and Contractor vehicles are granted access to buildings and sites to complete individual DOs. The Common Access Card (CAC) shall be the principal identity credential for supporting interoperable access to installations, facilities, buildings, and controlled spaces.

3.1.2.1 Operations Security (OPSEC)

The contractor shall provide OPSEC protection for classified information and sensitive information. Security policy, procedures, and requirements for classified information are provided in DoD 5220.22-M. The contractor shall enforce these safeguards throughout the life of the contract including the development, delivery, support phases, and the disposition/storage of classified and controlled unclassified information at contract completion. If the contractor does not have an established security plan that addresses the protection of proprietary, sensitive, or controlled unclassified information, the Government will provide a template for the development of an OPSEC Plan. Regardless of the contractor's established security plan, the contractor shall comply with the requirements specified in the following subordinate paragraphs. The contractor shall prepare the OPSEC Plan IAW CDRL A00G.

3.1.2.2 Personnel Security - Background Check (Physical Access to and Working on DoD Installations)

The Common Access Card (CAC) shall be the principal identity credential for supporting interoperable access to DoD installations, facilities, buildings, controlled spaces, and access to U.S. Government information systems IAW FAR 52.204-9. A National Agency Check with Local Agency Checks including Credit Check (NACLCL) will be required for permanent issuance of the credential. There shall be no additional NACLCL submission for an individual holding a valid national security clearance. The Government may issue the credential upon favorable return of the Federal Bureau of Investigations (FBI) fingerprint check, pending final favorable completion of the NACLCL. Contractors with a need for a CAC card to execute this contract shall obtain written approval from the COR and contact the NAWCTSD security office to initiate the CAC issuance process. Access to restricted areas, controlled unclassified information (sensitive information), or Government Information Technology by contractor personnel shall be limited to those individuals who have been determined trustworthy as a result of the favorable completion of a NACLCL or who are under the escort of appropriately cleared personnel. Where escorting such persons is not feasible, a NACLCL shall be conducted and favorably reviewed by the appropriate DoD component, agency, or activity prior to permitting such access. The contractor shall use the Standard Form 86 (Questionnaire for National Security Positions) in order to obtain the CAC.

3.1.2.2.1 Government-Issued Personal Identification Credentials

The contractor and subcontractor(s) (when applicable) shall account for all forms of U.S Government-provided identification credentials (CAC or U.S. Government-issued identification badges) issued to the contractor (or their employees in connection with performance) under the contract. The contractor shall return such identification credentials to the issuing agency at the earliest of any of the circumstances listed below, unless otherwise determined by the U.S. Government. The contracting officer may delay final payment under the contract, if the contractor or subcontractor fails to comply with these requirements.

- a. When no longer needed for contract performance.
- b. Upon completion of the contractor employee's employment.
- c. Upon contract completion or termination.

3.1.2.3 Personnel Security – Background Checks (Contractor Facilities)

Contractor personnel working in the contractor's own facilities shall undergo the company internal vetting process prior to gaining access to U.S. Government controlled unclassified information or performing government-related sensitive duties. To comply with immigration law, the contractor shall use the Employment Eligibility Verification Program (E-Verify) IAW FAR 52.222-54. The contractor shall ensure that foreign persons, as defined under section 120.16 of the International Traffic and Arms Regulation (ITAR) (22 CFR, Parts 120 - 130), are not given access to U.S. Government controlled unclassified information, sensitive information, defense articles, defense services, or technical data, as defined in the ITAR, Part 120.

3.1.2.4 Information Assurance and Personnel Security Requirements for Accessing Government Information Technology (IT) Systems - Credentialing Standards

The contractor shall comply with the IA and personnel security requirements for accessing U.S. Government IT systems specified in the contract. Contractors requiring access to U.S. Government IT systems will be subject to a background check. The contractor shall review and become familiar with the credentialing standards presented in [OPM Memorandum for Issuing Personal Identity Verification Cards](#), to use as an aid in their employee selection process. The NAWCTSD Security Office will apply the credentialing standards and execute the credentialing process for individual contractors.

3.1.2.5 Unclassified Contractor–Owned Network Security

The contractor shall take means (defense-in-depth measures) necessary to protect the confidentiality, integrity, and availability of Government controlled unclassified information. The contractor shall manage and maintain contractor-owned unclassified IT network assets (including computer assets used for contractor teleworkers) used to process U.S. Government controlled unclassified information (sensitive information) IAW commercial best practices, vendor-specific, or other nationally or internationally-recognized IT configuration and management standards (e.g., Center for Internet Security (CIS), Control Objectives for Information and related Technology (COBIT®), Common Criteria, National Information Assurance Program (NIAP), DoD, Defense Information Systems Agency (DISA), International Computer Security Association (ICSA), National Industrial Security Program (NISP), National Security Agency (NSA), System Administration, Networking, and Security Institute (SANS), and ISO/IEC 27002:2005). The contractor shall prevent U.S. Government controlled unclassified information from being placed or stored on peer-to-peer applications or social media applications on contractor owned networks, including Teleworker computer assets. The contractor shall manage and control networks (which contain U.S. Government controlled unclassified information) serving in a Continuity of Operations (COOP) capacity to meet the same personnel and security requirements identified in this SOW and the DD-Form-254.

3.1.2.6 Information Security Requirements for Protection of Unclassified DoD Information On Non-DoD Systems

The contractor shall safeguard unclassified DoD information stored on non-DoD information systems to prevent the loss, misuse, and unauthorized access to or modification of this information. The contractor shall:

- a. 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 no less than 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 the 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 compact disks, using the best available encryption technology.
- 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).
- g. Encrypt organizational wireless connections and use encrypted wireless connection, where available, when traveling. When encrypted wireless is not available, encrypt application files (e.g., spreadsheet and word processing files), using no less than application-provided password protection level encryption.
- h. Transmit voice and fax transmissions only when there is a reasonable assurance that access is limited to authorized recipients.
- i. 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).
- j. Provide protection against computer network intrusions and data exfiltration, including no less than 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 (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.
- k. Comply with other current Federal and DoD information protection and reporting requirements for specified categories of information (e.g., critical program information, Personally Identifiable Information (PII), export controlled information) IAW the requirements of the contract.

3.1.3 Security (Unclassified Programs)

The security requirements specified herein shall apply to the contractor and subcontractors. The contractor shall comply with applicable on-site security regulations related to facility access and building access. The contractor shall safeguard U.S. Government controlled unclassified information (sensitive information) IAW the contractor's locally established security plan (if the contractor already has an established local security plan). The contractor shall enforce these safeguards throughout the life of the contract including the transport and delivery phases and the disposition and storage of controlled unclassified information at contract completion. If the contractor does not have an established security plan that addresses the protection of proprietary, sensitive, or controlled unclassified information, the Government will provide a template for the development of an OPSEC Plan. Regardless of the contractor's established security plan, the contractor shall comply with the requirements specified in the following subordinate paragraphs. The contractor shall prepare the OPSEC Plan IAW CDRL A00G.

3.1.3.1 Personnel Security - Background Check (Physical Access to and Working on DoD Installations)

The Common Access Card (CAC) shall be the principal identity credential for supporting interoperable access to DoD installations, facilities, buildings, controlled spaces, and access to U.S. Government information systems IAW FAR 52.204-9. A National Agency Check with Local Agency Checks including Credit Check (NACLCL) will be required for permanent issuance of the credential. There shall be no additional NACLCL submission for an individual holding a valid national security clearance. The Government may issue the credential upon favorable return of the Federal Bureau of Investigations (FBI) fingerprint check, pending final favorable completion of the NACLCL. Contractors with a need for a CAC card to execute this contract shall obtain written approval from the COR and contact the NAWCTSD security office to initiate the CAC issuance process. Access to restricted areas, controlled unclassified information (sensitive information), or Government Information Technology by contractor personnel shall be limited to those individuals who have been determined trustworthy as a result of the favorable completion of

a NACLCL or who are under the escort of appropriately cleared personnel. Where escorting such persons is not feasible, a NACLCL shall be conducted and favorably reviewed by the appropriate DoD component, agency, or activity prior to permitting such access. The contractor shall use the Standard Form 86 (Questionnaire for National Security Positions) in order to obtain the CAC.

3.1.3.1.1 Government-Issued Personal Identification Credentials

The contractor and subcontractor(s) (when applicable) shall account for all forms of U.S. Government-provided identification credentials (CAC or U.S. Government-issued identification badges) issued to the contractor (or their employees in connection with performance) under the contract. The contractor shall return such identification credentials to the issuing agency at the earliest of any of the circumstances listed below, unless otherwise determined by the U.S. Government. The contracting officer may delay final payment under the contract if the contractor or subcontractor fails to comply with these requirements.

- a. When no longer needed for contract performance.
- b. Upon completion of the contractor employee's employment.
- c. Upon contract completion or termination.

3.1.3.2 Personnel Security – Background Checks (Contractor Facility)

Contractor personnel working in the contractor's own facilities shall undergo the company internal vetting process prior to gaining access to U.S. Government controlled unclassified information. To comply with immigration law, the contractor shall use the Employment Eligibility Verification Program (E-Verify) IAW FAR 52.222-54. The contractor shall ensure that foreign persons, as defined under section 120.16 of the International Traffic and Arms Regulation (ITAR) (22 CFR, Parts 120 - 130), are not given access to U.S. Government controlled unclassified information, sensitive information, defense articles, defense services, or technical data, as defined in the ITAR, Part 120.

3.1.3.3 Information Assurance and Personnel Security Requirements for Accessing Government Information Technology (IT) Systems - Credentialing Standards

The contractor shall comply with the IA and personnel security requirements for accessing U.S. Government IT systems specified in the contract. Contractors requiring access to U.S. Government IT systems will be subject to a background check. The contractor shall review and become familiar with the credentialing standards presented in [OPM Memorandum for Issuing Personal Identity Verification Cards](#), to use as an aid in their employee selection process. The NAWCTSD Security Office will apply the credentialing standards and execute the credentialing process for individual contractors.

3.1.3.4 Unclassified Contractor-Owned Network Security

The contractor shall take means (defense-in-depth measures) necessary to protect the confidentiality, integrity, and availability of Government controlled unclassified information. The contractor shall manage and maintain contractor-owned unclassified IT network assets (including computer assets used for contractor Teleworkers) used to process U.S. Government controlled unclassified information (sensitive information) IAW commercial best practices, vendor-specific, or other nationally or internationally-recognized IT configuration and management standards (e.g., Center for Internet Security (CIS), Control Objectives for Information and related Technology (COBIT[®]), Common Criteria, National Information Assurance Program (NIAP), DoD, Defense Information Systems Agency (DISA), International Computer Security Association (ICSA), National Industrial Security Program (NISP), National Security Agency (NSA), System Administration, Networking, and Security Institute (SANS), and ISO/IEC 27002:2005). The contractor shall prevent U.S. Government controlled unclassified information from being placed or stored on peer-to-peer applications or social media applications on contractor owned networks, including teleworker computer assets. The contractor shall manage and control networks (which contain U.S. Government controlled unclassified information) serving in a Continuity of Operations (COOP) capacity to meet the same personnel and security requirements identified in this SO.

3.1.3.5 Information Security Requirements for Protection of Unclassified DoD Information On Non-DoD Systems

The contractor shall safeguard unclassified DoD information stored on non-DoD information systems to prevent the loss, misuse, and unauthorized access to or modification of this information. The contractor shall:

- a. 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 no less than 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 the 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 compact disks, using the best available encryption technology.
- 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).
- g. Encrypt organizational wireless connections and use encrypted wireless connection, where available, when traveling. When encrypted wireless is not available, encrypt application files (e.g., spreadsheet and word processing files), using no less than application-provided password protection level encryption.
- h. Transmit voice and fax transmissions only when there is a reasonable assurance that access is limited to authorized recipients.
- i. 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).
- j. Provide protection against computer network intrusions and data exfiltration, including no less than 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 (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.
- k. Comply with other current Federal and DoD information protection and reporting requirements for specified categories of information (e.g., critical program information, Personally Identifiable Information (PII), export controlled information) IAW the requirements of the contract.

3.1.4 Information Assurance

The contractor shall comply with the System IA controls as defined in DODI 8500.2 for a Mission Assurance Category III (MAC III), Sensitive/Classified device, and meets any additional IA performance requirements specified in the DO.

3.1.4.1 IA Certification and Accreditation Support

The contractor shall support the IA PIT risk management process IAW DODI 8510.01, DON CIO Memo 02-10, Platform Information Technology Definitions, and DON Platform IT Information Assurance Guidance. The contractor shall prepare the Scientific and Technical Reports (PIT Determination Request Document) and the Scientific and Technical Reports (PIT Risk Approval (PRA) Request Package) IAW CDRLs A00J and A00R.

3.1.4.2 System/Software Integrity Testing and Certification

The contractor shall test and certify that the trainer applications software are designed to function in a properly secured operating system environment and is free of elements that might be detrimental to the secure operation of the resource operating system, as described in DODI 8500.2. The contractor shall provide a Vendor Integrity Statement for contractor-developed software applications and document in the Scientific and Technical Reports (Vendor Integrity Statements for Software) IAW CDRL A00I. Commercial Item software does not require a Vendor Integrity Statement.

3.1.4.2.1 Network Devices

On all MRTS Government owned lab and trainer assets, the Contractor shall incorporate network switching devices that are equipped with the means to manage ports and that have been validated and certified by NIAP (<http://www.niap-cc-evs.org/>) or CC evaluation and validation scheme (<http://www.commoncriteriaportal.org/products.html>). The contractor shall develop procedures to address device administration, as identified by the government, and document in the Scientific and Technical Reports (Information Assurance System Administrator Guide (SAG)) IAW CDRL A00H.

3.1.4.2.2 Intrusion Detection

On all MRTS Government owned assets, the Contractor shall maintain the DOD -approved Host-Based Security System (HBSS) Common Management Agent (CMA, a.k.a ePO agent) software. The HBSS CMA software is Government-furnished. The Contractor shall acquire and provide required licensing/key information to the government prior to receiving the HBSS CMA software.

3.1.4.2.3 Virus Protection

The Contractor shall incorporate DOD licensed virus protection software, on all MRTS government owned labs, EPM and training systems, available at the following DOD website: <https://patches.mont.disa.mil/Default.aspx> or utilize HBSS CMA antivirus functionality. The contractor shall develop procedures to address executing antivirus updates, scans, and virus sanitization. The contractor shall prepare Scientific and Technical Reports (Information Assurance System Administrator Guide (SAG)) IAW CDRL A00H.

IA and IA enabled IT products provided, or integrated, with government owned lab, EPM, or training systems shall be configured IAW DoD STIGs or SNAC guides. If DoD guides are not available, the following sources are acceptable in descending order as available:

- a. Commercially accepted practices, such as System Administration, Networking, and Security (SANS) Institute
- b. Independent testing results, such as International Computer Security Association (ICSA); or
- c. Vendor literature.

3.1.4.2.4 Application Registration

The Contractor shall register each version of the MRTS AIS Software Application products (e.g., MRTS software and any additional software developed under this contract) in the DON Applications and Database Management System (DADMS).

3.1.4.2.5 Third Party Software

The Contractor shall ensure that shareware, open source code, or freeware are not implemented in the government owned lab, EPM, or training systems unless compelling circumstances exists, in which case the contractor shall evaluate and verify the software is free of malware, back doors or buffer overflows and ensure Configuration Control Review Board (CCRB) approval is explicitly granted. If the application relies on third party software products or libraries selected by the contractor, the contractor shall ensure the components comply with all requirements within the current Application Security and Development STIG and shall report the component in the software documentation. Changes to existing third party products in use by the MRTS software repositories shall be approved by the CCRB.

3.1.4.2.6 Database Management System

The Contractor shall configure any Database Management Systems (DBMSs) for MRTS AIS Software Application products IAW the current applicable Database STIG.

3.1.4.2.7 Ports, Protocols, and Services

The Contractor shall ensure that all non-required PPS for the MRTS AIS Software Application products are disabled/closed IAW DoD Instruction 8551.1, Ports, Protocols, and Services Management.

3.1.4.2.8 Audit Logging

The Contractor shall incorporate an auditing functionality on the integration labs and fielded trainers to consolidate security and audit events from operating systems, host-based security systems and network control devices. The auditing functionality shall provide the means to:

- a. Consolidate audit activity as required by DODI 8500.2, IA control ECAR-3. In this context, consolidation implies one repository for each fielded network, not a single location connected to all devices.
- b. View the events using a GUI, sort and filter events, and generate reports.
- c. Export events to a file for a specified period of time, while preserving the integrity of the file.
- d. Import events from its own exported file format for a specified period of time, so that the file is viewable using the GUI.
- e. Backup audit logs, off the originating system

The Contractor shall develop a process and supporting procedures for the utilization of the auditing solution and document in the Scientific and Technical Reports (Information Assurance System Administrator Guide (SAG)) IAW CDRL A00H.

3.1.4.2.9 Software Management System

The Contractor shall develop a software management system to support updates (e.g. IAVA's, IAVB's, IAVTA's, anti-virus software, switch firmware/operating system) to the Commercial Item software components used in the integration labs and fielded training systems, including anti-virus software. The Contractor shall develop a process and supporting procedures for the utilization of the centralized software management system. This process shall be approved by the CCRB prior to implementation and the contractor shall document this process in the Scientific and Technical Reports (Information Assurance System Administrator Guide (SAG)) IAW CDRL A00H.

3.1.4.2.10 Encryption

The contractor shall incorporate DoD-authorized encryption products for data at rest that is stored on mobile computing devices such as laptops and personal digital assistants (PDAs), or removable storage media (e.g. CD, DVD, diskette, USB/Flash memory). The cryptography shall be FIPS 140-2 compliant.

3.1.4.2.11 Recovery of Encrypted Data

There shall be a mechanism established to ensure encrypted data can be recovered in the event the primary encryption system fails. The contractor shall develop a process and supporting procedures for the recovery of encrypted data. The contractor shall address all recovery procedures in the CMP (CDRL A00E).

3.1.4.3 IA Compliance

The contractor shall test, verify, and document that the security architecture and configuration of the integration labs and fielded trainers are in compliance with the security requirements and IA controls identified in DODI 8500.2 for a MAC III, sensitive and / or classified system IAW the delivery order. The contractor shall use DoD-authorized assessment tools to perform IA testing (e.g. Retina, DISA Security Content Automation Protocol (SCAP) Tool, NESSUS/ACAS, HBSS), document, verify, and validate each applicable operating system IA configuration. For the integration labs, the Contractor shall provide results for automated scans and manual STIG checks applicable to each asset, not less than monthly. Prior to testing, the Government will provide a list of assessment tools that the Government intends to use during testing. The contractor shall document the IA compliance results in the PRA Package cited above in 3.1.4.1. The contractor shall provide products as directed by the DO to support NAWCTSD obtaining a system PRA concurrent with delivery of the product under development and/or scheduled certification and accreditation efforts for the integration labs and fielded training systems.

The contractor will meet the requirements for access to the eMASS database, facilitating the role of an Information System Security Engineer (ISSE) for purposes of C&A data entry/management.

3.1.4.3.1 Processing of National Security Information

The Contractor shall use commercial IA and IA-enabled IT products in the integration labs and fielded training systems, which have been evaluated and validated, as appropriate, IAW the National Information Assurance Partnership (NIAP) (<http://www.niap-ccevs.org/cc-scheme/vpl/>) or Common Criteria (CC) evaluation and validation scheme (<http://www.commoncriteriaportal.org/public/consumer/>) shall be used to enter, process, store, display, or transmit national security information, to the maximum extent practicable.

3.1.4.3.2 IA Vulnerability Management Program (IAVMP)

The contractor shall incorporate the applicable DoD and DoN IAVMP messages issued through Developmental Testing (DT)-3 (Government Preliminary Inspection (GPI)). The contractor shall document the unincorporated IA Vulnerability Alerts (IAVAs), IA Vulnerability Bulletins (IAVBs), and IA Vulnerability Technical Advisories (IAVTAs). The contractor shall provide justification for each unincorporated IAVMP message (i.e., describe the specific negative impact the IAVMP message incorporation would have on trainer operation). The contractor shall document the information resulting from this task in the DIACAP C&A Package cited above in 3.1.4.1. The contractor shall document this information in the Plan of Action and Milestones (POA&M) tab of the package cited above in 3.1.4.1. The contractor shall use the DoD-authorized assessment tools to perform IAVA compliance validation and verification (e.g. Retina and SCAP Tool).

3.1.4.3.3 IA Requirements for Operating Systems

The Contractor shall incorporate IA and IA-enabled devices and software for the integration labs and fielded training systems that:

- a. Have been validated or are under evaluation by NIAP or CC scheme.
- b. Are configurable IAW applicable DoD STIGs or System and Network Attack Center (SNAC) guides. DoD STIGs and SNAC guides are available at <http://iase.disa.mil/>.
- c. Can incorporate the DoD Information Assurance Vulnerability Management Program (IAVMP) IAW DODI 8500.2.
- d. Are supportable for the expected life cycle of the trainer

3.1.4.3.4 IA Requirements for GOTS Developed MRTS Software Application Systems

The Contractor shall develop GOTS MRTS Software Application Systems (e.g., MRTS software and any additional software developed under this contract) that:

- a. Function with employed IA-Enabled Operating Systems that have been configured IAW the applicable DoD STIGs.
- b. Maintain operational capabilities with managed network control devices and boundary defense mechanisms that have been validated and certified by NIAP (<http://www.niap-cc-evs.org/>) or CC evaluation and validation scheme (<http://www.commoncriteriaportal.org/products.html>).
- c. Are configured, and developed IAW the current DoD Application Security and Developmental STIG.

3.1.4.4 IA Contractor Training and Certification

Contractor personnel accessing information systems with privilege accounts (i.e. System Administrator, Root Level) shall have the IA training and certification required by DFARS 252.239-7001.

3.2 Detailed Tasks

3.2.1 Trainer Design, Development, and Fabrication

When required by the delivery order (DO), the contractor shall design, document, develop, fabricate, integrate, test, validate, install, and deliver a MRTS training system product that meets the performance requirements. This paragraph contains a representative list of products and capabilities likely to be delivered and activities to be performed under this contract as requirements emerge. Software products/capabilities will be delivered IAW CDRL A00C, Computer Software Product End Item.

- a. Design, develop, test and deliver a training system to meet a new training requirement consistent and compatible with the MRTS architecture and family of trainers.
- b. Design, develop, re-use, modify, expand, interface and add MRTS training software libraries, code and media. The contractor shall use tools and technology that keeps pace with industry over the life of this contract. Tools currently used for MRTS development include:

- 1) Networked real-time workstation simulations and displays and instructor support software applications in Visual Studio .NET (using C#) under Windows XP and Windows 7.
 - 2) Image generators for simulation-based training
 - 3) Immersive photography-based training system products.
 - 4) Windows software using the Microsoft Gaming framework library and the Microsoft Windows Presentation Foundation (WPF).
 - 5) Bullet Physics Modeling with SWIG cross-language integration support
 - 6) Linux software (using Red Hat and CentOS) using Wine/Mono and other Linux based libraries. The MRTS software also simulates the Redhat Linux software at various revisions to support simulated equipment, such as a networked Linux based thin client.
 - 7) Software interfaces to other simulators and tactical software systems. (All MRTS Trainers are currently on isolated networks to themselves. Potential future requirement)
- c. Design and develop digital media, including computer generated 2D and 3D models, animations, photography, videography, sound effects and scripts in required formats as specified in individual DOs to support:
- 1) Workstation simulation GUIs
 - 2) Reports and briefings
 - 3) Presentation media
 - 4) Trainer documentation (e.g., SIM, TSSD, transfer documents, CD/DVD labels)
- d. Provide life cycle support of:
- 1) Training systems
 - 2) Training data products
 - 3) Trainer installation locations (including delivery, installation, upgrades)
 - 4) The MRTS integration laboratory
- e. Provide configuration management and source control of:
- 1) Software
 - 2) 2D and 3D graphic models and supporting media
 - 3) Trainer installation configuration
 - 4) Photographic and videographic imagery
 - 5) Documentation
 - 6) Training and presentation material
- f. Develop, conduct and document software testing and evaluation using approved methods.
- g. Conduct research activities to support enhancement or modifications of training systems, including:
- 1) Design and develop software testbeds
 - 2) Explore new technologies
 - 3) Prepare research media and reports
 - 4) Participate in research execution
 - 5) Coordinate to obtain research participants
- h. Employ, document and refine process improvement procedures and practices.
- i. Produce and maintain documentation, including:
- 1) Cold start procedures
 - 2) Trainer support documents
 - 3) Technical manuals
 - 4) Training software documentation
 - 5) Product user guides, training, reference media

3.2.2 Systems Engineering Processes

The contractor shall use the system engineering processes to define the requirements for the system, to transform the requirements into an effective product, and to verify and validate the functionality of the delivered product. The contractor shall perform the following tasks.

3.2.2.1 System Requirements Definition

The purpose of the system requirements definition process is to define the requirements for a system that can provide the performance defined in the SOW and associated specification. When required by the DO, the contractor shall define, document, manage, and apply a requirements definition process. It is recommended that in creating the SEMP (CDRL A00D) and SDP (CDRL A003), IEEE Std 12207-2008, section 6.4.1 is used.

3.2.2.2 System Requirements Analysis

When required by the DO, the requirements of this paragraph shall apply. The contractor shall define, document, manage, and apply a requirements analysis process. IEEE Std 12207-2008, section 6.4.2; and IEEE Std 1233-1998 Edition (R2002) are recommended. The contractor shall analyze the specification and SOW requirements to determine lower level functional requirements. The contractor shall analyze the requirements and decompose lower level functional requirements. The contractor shall analyze the interaction between systems, subsystems, and components to derive the functional requirements. The contractor shall record specification requirements, technical SOW requirements, and contractor decomposed and derived requirements within the Requirements Traceability/Verification Matrix (RTVM) IAW CDRL A00K.

3.2.2.3 Traceability

When required by the DO, the requirements of this paragraph shall apply. The contractor shall define, document, manage, and apply a process and mechanism to accomplish traceability between the requirements, implementation configuration items, and test procedures. The contractor shall utilize an electronic tool (e.g. Doors, RequisitePro, Microsoft Access, Word, and/or Excel) to accomplish the requirement traceability function. Traceability shall be bi-directional. Backward traceability shall permit each RTVM element to explicitly trace to a source reference from a previous stage of development. Forward traceability shall permit each RTVM element to explicitly trace to a reference in a later stage of development. The scope of traceability shall be from requirement to test procedure to ensure each requirement is tested, however, traceability may stop at the functional level and need not continue into the implementation. The contractor shall provide the Government access to the traceability tool and its database. The contractor shall prepare the Scientific and Technical Reports (Requirements Traceability and Verification Matrix (RTVM)) IAW CDRL A00K.

3.2.2.4 System Architectural Design

When required by the DO, the requirements of this paragraph shall apply. The contractor shall define, document, manage, and apply a system architectural design process. The IEEE Std 12207-2008, section 6.4.3 is recommended for use in creating the SEMP (CDRL A00D). The contractor shall prepare System/Subsystem Design Description (SSDD) IAW CDRL A009. The contractor shall prepare the Product Drawings/Models and Associated Lists IAW CDRL A00Q.

3.2.2.5 Software Requirements Analysis

When required by the DO, the requirements of this paragraph shall apply. The contractor shall define, document, manage, and apply software requirements analysis. The IEEE Std 12207-2008, section 7.1.2 is recommended for use in creating the SDP (CDRL A003). The scope of traceability is to the function level of the software. The contractor shall place links to the software requirements in the RTVM to accomplish bi-directional traceability. The contractor shall prepare the Software Requirements Specification (SRS) IAW CDRL A005. In the event an SRS exists for the MRTS product, the existing document shall be updated with the new requirements/changes. If an SRS required by the DO does not exist, the contractor shall create one IAW CDRL A005.

3.2.2.5.1 Derived Requirements Analysis

When required by the DO, the requirements of this paragraph shall apply. Government specifications will often reference the requirements for a device subsystem by specifying the manufacturers' or government documentation. In these instances the contractor shall propose the features and functions required to support normal or faulted operations of the trainer or software product. Only the features of the device required for the student to properly operate or troubleshoot the training system are to be included in the requirements of the product and thereby included in the design to be tested.

3.2.2.6 Software Architectural Design

When required by the DO, the requirements of this paragraph shall apply. The contractor shall define, document, control, maintain, and implement a software architectural design. The IEEE Std 12207-2008, section 7.1.3 is recommended when creating the SDP (CDRL A003). The Contractor shall identify new functionalities to be added to the MRTS applications to meet new requirements, whether, when and how a new library should be created, and how to maintain existing libraries so that changes do not negatively affect other applications that use them. Software design documents shall be delivered in accordance with CDRLs A006 (Interface Design Description (IDD)) and A007 (Software Design Description (SDD)). In the event an SDD exists for the MRTS product, the existing document shall be updated with the new requirements/changes. If an SDD required by the DO does not exist, the contractor shall create one IAW the CDRLs.

3.2.2.6.1 Software and Data Asset Re-Use and Shared Repository

The Contractor shall re-use, expand and add to Government-owned software, libraries, data, databases and other code to the maximum extent practical. All products developed shall be provided by the contractor for retention on the government's MRTS repository.

3.2.2.7 Implementation

When required by the DO, the contractor shall define, document, control, maintain, and perform implementation. The IEEE Std 15288-2008, section 6.4.4 is recommended for use in creating the SEMP (CDRL A00D) and SDP (CDRL A003).

3.2.2.7.1 Software Implementation

The purpose of the software implementation process is to produce a specified system element that is implemented as a software product or service. When required by the DO, the contractor shall define, document, control, maintain, and implement software implementation. The IEEE Std 12207-2008, section 7.1.1 is recommended for use in creating the SDP (CDRL A003).

3.2.2.7.1.1 Development Environment and Practices

The Contractor shall follow established MRTS coding conventions. When specified by a DO, the Contractor shall re-use and extend capabilities previously developed by the MRTS laboratory.

3.2.2.7.1.1.1 Software Development Languages, Libraries and Tools

MRTS products were developed with C#, extensible markup language (XML), Microsoft Visual Studio, Microsoft Team Foundation, Microsoft DirectX Application Programming Interface (API), Microsoft Direct3D Vertex/Pixel shader assembler, Microsoft Direct3D high level shader language (HLSL), InstallShield (authoring install scripts), Open GL API, Windows API, object oriented concepts, algorithm analysis, Win32 sockets and threads, structured query language (SQL), and Bullet Physics Modeling with SWIG cross-language integration support. If the contractor requires additional languages or tools, Government approval is required to be obtained no later than SRR.

3.2.2.7.1.1.2 Digital Media/Art Development Languages, Libraries and Tools

MRTS products were developed with 3D Studio Max 2010 Adobe Photoshop CS4 or 5, Adobe Illustrator CS4 or 5, Autodesk Stitcher, SCM tools (specifically SVN) Adobe After Effects CS4 or 5, Adobe InDesign CS4 or 5, Adobe Flash CS4 or CS5, Microsoft Visio, Mechanical Drawing, MSTF Adobe Premiere Pro CS4 or CS5, Adobe Soundbooth, Animation/Rigging, and Scripting. If the contractor requires additional languages or tools, Government approval is required to be obtained no later than SRR.

3.2.2.7.1.2 Digital Media Products

The Contractor shall deliver 3D models, 2D graphics, photography, videography, animation and other media products in required formats (e.g., Autodesk .3ds) as specified in individual DOs. The Contractor shall produce, maintain, deliver, and integrate computer-generated graphics such as 3D models and 2D graphics, into existing software and immersive photographic training systems, as well as software under development and into the MRTS libraries. The Contractor shall deliver modeling and photographic data items IAW specific provisions of individual DOs. All digital media products shall be delivered IAW CDRL A00C, Computer Software Product End Items.

3.2.2.7.1.3 Image Generator Development and Support

The Contractor shall develop enhancements for existing 3D training solutions. The MRTS maintenance software uses 3D representations of the physical equipment involved in submarine radio room communications and operations of the torpedo room. Visual representations are presented to the student in a virtualized 3D environment where physical objects can be manipulated. Some of the tasks the students can perform include opening cabinets, removing and inserting circuit boards, setting dip switches, removing and replacing screws, and numerous other tasks involved in the maintenance of the equipment.

3.2.2.7.1.4 Networking

For MRTS training systems, the Contractor shall apply network infrastructures, protocols, and secure interconnections between applications and real-time simulations. All subcomponents in the MRTS training software communicate via a centralized server. The server validates each communication packet against procedural steps in the Interactive Electronic Technical Manuals (IETMs) to ensure the student has performed the required action in the correct sequence.

MRTS employs the Instructor Interface for training session set-up and administrative control. The Contractor shall develop networked simulations (synchronizing data between server and clients with student training status algorithms, containing robust, extendable simulation data packets) and event-based simulation (e.g., synchronizing trainee actions) as specified by individual DOs.

3.2.2.7.1.5 Interfacing to External Systems

Currently, there are no external interfaces to the MRTS training systems; however, this contract may involve connecting MRTS systems to external training systems in the future. The DO will specify the requirements for this capability when appropriate. When required by the DO, interface requirements shall be documented in the Interface Requirements Specification (IRS) and the Interface Design Document (IDD) IAW CDRLs A004 and A006, respectively.

3.2.2.7.1.6 Database Employment and Maintenance

The MRTS software architecture stores simulation and configuration data in an SQL database residing on a dedicated SQL server. The contractor shall be responsible for managing the internal software requirements of the SQL server.

3.2.2.8 System Integration

The purpose of the system integration process is to assemble a complete system that is consistent with the system architectural design. When required by the DO, the contractor shall define, document, manage, and apply a system integration process in the SEMP (CDRL A00D) and SDP (CDRL A003). The Government will retain the role of lead systems integrator and have final authority over products installed on the training systems. The contractor shall ensure all products on a particular device are integrated successfully such that one product does not interfere with the operability of another product on the same device.

3.2.2.9 Device Transition

The purpose of the device transition process is to install the verified system, together with enabling systems. When required by the DO, the contractor shall define, document, manage, and apply a system transition and installation process IAW the approved SEMP (CDRL A00D).

3.2.2.9.1 Software Version Description

When required by the DO, the requirements of this paragraph shall apply. The contractor shall define, document, control, maintain, validate, and prepare the trainer software. IEEE/EIA 12207.1-1997, sections 6.7, 6.13, and 6.24 is recommended when creating the SEMP (CDRL A00D) and SDP (CDRL A003). The contractor shall deliver the software, and databases required to meet the performance defined in the SOW and associated specification. The contractor shall deliver the non-Commercial Item software with corresponding source code, build tools, build procedures, executable code, configuration information, and build procedures IAW Computer Software Product End Item, CDRL A00C. The contractor shall deliver the Commercial Item software with the associated vendor manuals, documentation, physical media, warranty information, licenses, and installation procedures. The contractor shall transfer to the Government at device acceptance, the Commercial Item software licenses. The contractor shall prepare the Software Version Description (SVD) IAW CDRL A008.

3.2.2.9.1.1 Cold Start Procedures

When required by the DO, the requirements of this paragraph shall apply. The contractor shall develop, document, control, maintain, validate and prepare, computational subsystem cold start procedures. IEEE/EIA 12207.1-1997, sections 6.7 and 6.13, is recommended for use when developing cold start procedures. Cold start procedures are intended for use by the government to ensure that all system parameters are documented, and to ensure the product can be configured for each testing event. The contractor shall not use any type of disk image to accomplish a cold-start, however, once the cold-start procedures have been verified as correct and all information captured, software distribution to the fielded trainers may be accomplished with disk imaging technology. The contractor shall develop cold start procedures:

- a. For configuring applicable computer hardware settings such as in a BIOS or firmware
- b. For installing and configuring each operating system, to include user accounts, network connectivity, device drivers, and information assurance controls
- c. For installing and configuring each software application
- d. For installing the deliverable source code
- e. For performing a software build(s) where executable program(s) are created from deliverable source code
- f. For introducing Government-authorized source code changes; where the existing software build is removed and a new build is created
- g. That consist of detailed descriptive action to be performed; the expected result following the action; and an area to document abnormalities, discrepancies, errors, and pass/fail status
- h. That ensure that complex sequences of cold-start actions are broken down into discrete steps
- i. That can be accomplished without referring to external documentation
- j. That include listing the physical software media required to perform the cold-start
- k. That include commercial item software activation data, such as serial numbers and key codes

3.2.2.9.1.2 Installation and Configuration Procedures

When required by the DO, the requirements of this paragraph shall apply. The contractor shall develop, document, control, maintain, validate, and prepare the installation and configuration procedures. IEEE/EIA 12207.1-1997, sections 6.7 and 6.13 is recommended for use when developing installation and configuration procedures. The format shall be IAW the Systems Interface Manual, CDRL E002. Installation and Configuration Procedures are intended to support the devices on site for maintenance and installation purposes. The contractor shall prepare installation and configuration procedures for each computational subsystem acquired as a tightly integrated, ready to use system. Once the installation and configuration procedures have been verified as correct and all information captured, software distribution to the fielded trainers may be accomplished with disk imaging technology. The contractor shall develop installation and configuration procedures:

- a. For configuring applicable computer hardware settings such as in a BIOS or firmware
- b. For restoring the system software, such as the operating system, applications and data, to the original delivered configuration.
- c. For configuring the system software for use within the training device, such as user accounts, network connectivity, and information assurance controls
- d. That consist of detailed descriptive action to be performed; the expected result following the action; and an area to document abnormalities, discrepancies, errors, and pass/fail status
- e. That ensure that complex sequences of installation and configuration actions are broken down into discrete steps
- f. That can be accomplished without referring to external documentation
- g. That include listing the physical software media required to perform the installation and configuration procedure
- h. That include Commercial Item software activation data, such as serial numbers and key codes

3.2.2.9.1.3 Media and Storage Devices

When required by the DO, the requirements of this paragraph shall apply. The contractor shall provide to the Government the blank media and mass storage devices necessary to perform each subsystem cold start and installation procedure. The Government will retain custody and control of the media and storage devices created or

used by the Government to accomplish testing. The contractor shall provide the additional media and mass storage devices necessary for the contractor's internal archiving, development, testing, and other engineering and CM purposes.

3.2.2.9.1.4 Cold Start and Installation Procedure Media

When required by the DO, the requirements of this paragraph shall apply. The contractor shall prepare a unique set of physical media for each computational subsystem. The contractor shall prepare the physical media required to perform each subsystem cold-start procedure with labeling that:

- a. Is formatted consistently
- b. Is permanently attached to the physical media
- c. Identifies the software vendor name
- d. Identifies the software product name
- e. Identifies the software version number
- f. Identifies the software release date
- g. Identifies the contractor's Configuration Control identifier
- h. Identifies the total number of media pieces that compose each configured item
- i. Identifies the individual piece number within a multiple piece item, such as "Disk 2 of 5" or "DVD

1 of 3"

3.2.2.9.1.5 Automated Processes

When required by the DO, the contractor shall document, control, maintain, validate, and deliver all computational automated processes (e.g., scripts, batch files, job control language) in the same manner as software items.

3.2.2.9.1.6 Contractor Execution

When required by the DO, the requirements of this paragraph shall apply. Prior to the start of each Test Readiness Review (TRR), the contractor shall execute and validate each subsystem cold start and installation procedure. The contractor shall perform the entire cold start and installation procedure, step-by-step as written, and document the results of each step. The contractor shall present the results of each contractor-run cold start and installation procedure to the Government for review at the following TRR event. The contractor shall execute, document, correct and validate each cold start and installation procedure until no discrepancies exist.

3.2.2.10 System Validation

The purpose of the system validation process is to provide objective evidence that the performance of the installed system, when in use, meets the requirements of the SOW and associated specification. When required by the DO, the contractor shall define, document, manage, and apply a system validation process. IEEE Std 15288-2008, section 6.4.8 is recommended for use when developing the system Test and Evaluation (T&E) Master Plan (TEMP) (CDRL A00P).

3.2.2.11 Instructor / Contractor Maintenance Support (CMS) Training

When required by the DO, the requirements of this paragraph shall apply. The contractor shall provide instructor-operator and maintenance training and IA training to the Government during on-site installation. Training material shall be prepared IAW CDRL F002.

3.2.3 Meetings and Reviews

When required by the DO, the requirements of this paragraph shall apply. The contractor shall conduct, attend, and participate in meetings and reviews to be held at both the contractor and Government facilities. The specific locations, dates, and duration of the meetings shall be as specified in the DO. Meetings and reviews will be chaired by a Government representative. The contractor shall be prepared to explain the reasoning, assumption, and methodologies in arriving at particular conclusions, recommendations, or alternatives in the accomplishment of the tasks required by the contract. The contractor shall prepare drawings and other data to aid in the presentations. The contractor shall have key personnel and support available to carry out the meeting. Subcontractors shall attend meetings and reviews when required to address key elements. The contractor shall prepare the Meeting Agenda (CDRL B002), Meeting Minutes (CDRL B003), and Presentation Material appropriate for the meetings and reviews.

Except where noted herein, meetings and reviews shall be considered fulfilled when the following items are completed:

- a. A formal meeting has been conducted and the meeting and reviews are presented to the Government.
- b. Topics required for discussion and presentation have been covered.
- c. Action items requiring contractor response have been resolved.
- d. The Government has accepted the meeting minutes.

3.2.3.1 Systems Engineering Technical Reviews (SETR)

When required by the DO, the requirements of this paragraph shall apply. The contractor shall conduct and participate in SETR events chaired and attended by the Government. The DO will specify applicable SETR events. The SETR events will be IAW NAVAIRINST 4355.19D. The SETRs shall not be a place for problem solving, but to verify that problem solving has been accomplished. The SETR shall be event driven vice schedule driven and are scheduled when the required system baseline has achieved a level of maturity for the intended review. Any results from the SETR shall not eliminate the contractor's responsibility to meet contract requirements. Regardless of Government interaction in the design review process, the contractor shall maintain design responsibility for the system.

3.2.3.1.1 Kick-off Meeting

When required by the DO, the requirements of this paragraph shall apply. The contractor shall attend a government-scheduled one-day kick-off meeting at the Government's facility within 30 days of issuance of a DO. The purpose of the kick-off meeting shall be to establish the framework of the contractor and Government interaction during the performance of the DO. The contractor's management leads, functional leads, technical leads and contractual personnel should be in attendance. At a minimum, the contractor shall present:

- a. Introduction and contract overview
- b. Discussion and clarification of Spec and SOW requirements
- c. Presentation of a complete, accurate, and realistic IMS and detailed schedule with status
- d. Identification of the critical paths within the IMS and detailed schedule
- e. CDRL delivery schedule and status
- f. Changes to SEMP, if applicable
- g. Changes to TEMP, if applicable
- h. Changes to CM Plan (to include Data Management), if applicable
- i. Changes to SDP, if applicable
- j. Changes to RMP, if applicable
- k. Changes to OPSEC and IA implementation plans, if applicable
- l. Program life cycle model selection and rationale
- m. Action item reporting and status
- n. Long lead time item identification and status
- o. Contractor IPT structure (names, responsibilities, phone numbers, and email addresses)
- p. Monthly report content and format (Metrics collection process, analysis, and reporting)

3.2.3.1.1.1 Kick-off Meeting Entry/Exit Criteria

When required, entry and exit criteria will be identified within a DO.

3.2.3.1.2 System Requirements Review-II-System Functional Review (SRR-II-SFR)

When required by the DO, the requirements of this paragraph shall apply. The contractor shall conduct a combined SRR-II-SFR. The SRR-II-SFR is a multi-disciplined product and process assessment to ensure that the system under review can proceed into preliminary design, and that the system functional requirements, including derived and decomposed requirements, are defined and consistent with program cost, schedule, risk, and other system constraints. The SRR-II-SFR shall assess the system functional requirements and ensure that the required system performance is fully defined and is traceable to the functional baseline described in the SOW and associated specification. At the SRR-II-SFR, the contractor shall:

- a. Identify and discuss program resource availability to support the schedule
- b. Present and discuss a schedule critical path

- c. Provide current status vs. critical path
- d. Describe implementation of the SDP
- e. Provide a hardware / software system organizational structure
- f. Show that the functional requirements are traceable to the system requirements
- g. Show that the explicit and derived requirements are quantified and documented
- h. Address the following applicable functional areas:
 - (1) T&E
 - (2) Logistics
 - (3) TD
 - (4) Facilities
 - (5) Interoperability
 - (6) IA
 - (7) CM
 - (8) Security
- i. Present the results of a comprehensive risk assessment for design, integration, and testing

3.2.3.1.2.1 SRR-II-SFR Entry/Exit Criteria

When required, entry and exit criteria will be identified within a DO.

3.2.3.1.3 Preliminary Design Review

When required by the DO, the requirements of this paragraph shall apply. The contractor shall conduct a PDR. The purpose of the PDR is for the Government to formally review the activities and work products generated by the contractor during the performance of the preliminary design stage in order to develop the allocated baseline, and to verify that the approach for the system design is ready to proceed into the detailed design phase. The contractor shall present and describe the proposed training system design and program status. The following items shall be topics of discussion and presentation at the PDR:

- a. Training system hardware and software design, including:
 - (1) Instructor Operator Station (IOS)
 - (2) Trainee station
 - (3) Computational system
 - (4) Visual system
 - (5) Communication and audio systems
 - (6) Network
 - (7) Interoperability design and implementation
 - (8) Instructional system
 - (9) Software tools
 - (10) Use of developmental and Commercial and Non-developmental (CaNDI) software and databases
 - (11) Trainer databases
 - (12) Software development files
 - (13) Hardware and software interfaces
 - (14) Design modularity and commonality
- b. Contractor facility and integration lab planning
- c. Logistics design aspects and concerns
- d. Item Unique Identification (IUID) marking of trainer and initial support kit (ISK)
- e. T&E
- f. Security and IA, including systems security design, initial security risk assessment, security test approach, security training approach, and any other security and IA relevant information.
- g. Program problem and risk areas, recommended solutions, and evaluation of alternatives
- h. Updated RTVM

3.2.3.1.3.1 PDR Entry/Exit Criteria

When required, entry and exit criteria will be identified within a DO.

3.2.3.1.4 Critical Design Review

When required by the DO, the requirements of this paragraph shall apply. The contractor shall conduct a CDR. The purpose of the CDR is for the Government to formally review the activities and work products generated by the contractor during the performance of the critical design stage in order to develop the product baseline, and to verify that the system is ready to proceed into the hardware-software coding, assembly, and integration phase. The contractor shall present and describe the finalized training system design and program status, and address the design changes made since the PDR. The following items shall be topics of discussion and presentation at the CDR:

- a. Training system hardware and software design, including:
 - (1) IOS
 - (2) Trainee station
 - (3) Computational system
 - (4) Visual system
 - (5) Communication and audio systems
 - (6) Network
 - (7) Interoperability design and implementation
 - (8) Instructional system
 - (9) Software tools
 - (10) Use of developmental and CaNDI software and databases
 - (11) Trainer databases
 - (12) Software development files
 - (13) Hardware and software interfaces
 - (14) Design modularity and commonality
- b. Contractor facility and integration lab planning
- c. Logistics design aspects and concerns
- d. IUID marking of trainer equipment and ISK
- e. Parts management program status
- f. T&E
- g. Security and IA, including updates to the systems security design, security risk assessment, security test approach, security training approach, and any other security and IA relevant information.
- h. Program problem and risk areas, recommended solutions, and evaluation of alternatives
- i. Updated RTVM

3.2.3.1.4.1 CDR Entry / Exit Criteria

When required, entry and exit criteria will be identified within a DO.

3.2.3.2 IPT Meetings

When required by the DO, the requirements of this paragraph shall apply. The contractor shall attend and participate in IPT meetings to be conducted throughout the entire contract. IPT meetings shall provide a forum suitable for maintaining a continuous interchange of ideas, issues, and to identify and resolve potential problem areas. Upon request, the contractor shall document the agenda and conference minutes IAW CDRL B003.

3.2.3.3 In-Process Reviews (IPR)

When required by the DO, the requirements of this paragraph shall apply. The contractor shall conduct IPRs as required. IPRs shall provide attendees with information regarding the status and planned activities of the program. IPRs shall include the following:

- a. A presentation on the status of the overall program, including the training system design (hardware and software), CM, testing, and production
- b. Review of the integrated logistics support program
- c. Review of software status
- d. Review of Failure Reporting, Analysis, and Corrective Action System data, when applicable
- e. Review of the program schedule status
- f. Review of program risks
- g. Review of updated RTVM

3.2.3.4 Technical Documentation (TD) Reviews

When required by the DO, the requirements of this paragraph shall apply. The contractor shall hold and participate in TD Reviews, at approximately the 40 percent and 80 percent completion points of the deliverable TD. The TD shall be created IAW the applicable CDRLs. The contractor shall prepare the agenda and minutes. The contractor shall meet 40% and 80% entry and exit criteria per the DOs.

3.2.3.5 Production Readiness Review (PRR)

When required by the DO, the requirements of this paragraph shall apply. The purpose of the PRR is to determine whether the production hardware and software are ready for efficient and economical production. The contractor shall discuss the manufacturing and T&E (Production Testing) program during the PRR. The contractor shall demonstrate that production engineering challenges are resolved, production processes and process controls are in place, parts and materials are on hand, and testing methods are provided.

3.2.4 Commercial and Non-Developmental Items (CaNDI)

When required by the DO, the requirements of this paragraph shall apply. The contractor shall fulfill the requirements of the contract through acquisition of CaNDI to the maximum extent practicable. CaNDI proposed by the contractor will be reviewed by the Government to determine whether each proposed CaNDI component is, in fact, CaNDI. The Government will also determine the extent to which the proposed CaNDI is practicable for off-the-shelf use within the Government's logistical environment.

3.2.4.1 Parts Management

When required by the DO, the requirements of this paragraph shall apply. The contractor shall establish a parts management system, IAW the contractor's standard procedures, that ensures that the training system meets the performance requirements specified in the associated specification with the lowest life cycle cost.

3.2.5 System Safety Tasks

When required by the DO, the requirements of this paragraph shall apply. The contractor shall ensure that the training system meets applicable safety requirements. The contractor shall include system safety as a topic of discussion during the scheduled program reviews.

3.2.6 Product Assurance Audits and Inspections

The Government may perform audits and inspections of contractor conformance to contractual requirements at any time during the performance of the contract. The contractor shall make non-deliverable documentation and data available to the Government during these audits and inspections. The Government will provide reasonable notice to the contractor prior to conducting audits and inspections.

3.2.7 System Test and Evaluation

When required by the DO, the requirements of this paragraph shall apply. The contractor shall plan, coordinate, establish, and implement a T&E program designed to verify that the trainer and the integration of all subsystems and equipment meet the technical and operational requirements as stated in the DO. The testing events shall be designated as DT events. The test phases are designated as DT-1 (NPE) through DT-5 (GFI). The contractor shall attend and participate in the T&E IPT meetings. T&E IPT will be the forum for discussion, coordination, and resolution of test planning goals, strategy, and issues.

3.2.7.1 Responsibility for Tests

Unless otherwise specified herein, the contractor shall perform the specified test and inspections. The Government reserves the right to perform tests and inspections that are deemed necessary to ensure that delivered supplies and services conform to the contract requirements.

3.2.7.2 Test Authority

When required by the DO, the requirements of this paragraph shall apply. The contractor shall record the test results during contractor's inspections. A Procuring Contracting Officer's (PCO's) technical representative will certify the contractor's test results. A PCO's technical representative will record the Government's inspection and test results.

3.2.7.3 T&E Program Planning

When required by the DO, the requirements of this paragraph shall apply. The contractor, working with the T&E IPT, shall develop and document the structure and objectives of the trainer T&E program. The contractor shall continuously reassess and refine the T&E program as trainer development, production, and testing progresses. The contractor shall update the Test & Evaluation Master Plan (TEMP) (CDRL A00P) throughout the basic contract to reflect changes in T&E concepts, test responsibilities, mission and systems descriptions, ground rules, documentation, and resource requirements.

3.2.7.4 Test Resources and Facilities

When required by the DO, the requirements of this paragraph shall apply. During early DO product development of subcomponents, the contractor shall furnish, or schedule the use of, the inspection and testing facilities, equipment, and personnel required to ensure that the training system components are mature enough to move onto the next phase of testing, and meet the requirements of the DO. The contractor shall ensure that the contractor personnel, test equipment, test facilities, other supporting equipment, spare assemblies and parts, test and data logs, and other items necessary for testing are available for the start and during the required testing events. The contractor shall coordinate with the Government the use of the integration labs as a development and testing resource in preparation for final acceptance. Integration may begin any time after the first DT-1, but no later than DT-3. The contractor shall be responsible for the configuration management of the EPMs to ensure they are in compliance with the requirements of the DO and can be reconfigured to support other DO products, as needed.

3.2.7.4.1 Facilities and Travel Restrictions

Under a government-restricted travel environment, the government may not be available to travel to contract facilities to witness key DT events. The contractor shall provide methods of conducting DT events in this environment that still allow the government to adequately monitor testing. The government retains approval authority for proposed methods.

3.2.7.5 Test Methods

When required by the DO, the requirements of this paragraph shall apply. Tests shall be performed IAW the Government-accepted Test Plan (TP) and Procedures, CDRLs A001 and A002, respectively. Test, examination, demonstration, inspection, and verification procedures shall be documented in the TP and shall be written so that a qualified technician can perform the tests. The TP shall include the tests, examinations, demonstrations, inspections, and verifications for all products specified in the delivery order. Test results shall be documented in the Test/Inspection Report, prepared IAW CDRL A00L.

3.2.7.6 Test Criteria

When required by the DO, the requirements of this paragraph shall apply. The test criteria for tests and examinations shall include both quantitative and qualitative performance data of the operational system(s). Quantitative test criteria shall be used to the maximum extent possible. Qualitative data such as video, photographs, and tape recordings, obtained from operational system or subsystem performance, may be used as test criteria whenever quantitative test criteria is not practical or is not measurable, and the requirement for simulation or stimulation realism can only be judged qualitatively. Government approval is required for test criteria that are not based on actual operational system performance data. Where appropriate, test criteria for individual inspections, analyses, demonstrations, and tests shall consist of both quantitative and qualitative test criteria. As a complement to quantitative test results, qualitative comparisons of visual, video, and aural presentations shall be provided.

3.2.7.7 Tolerance Data

When required by the DO, the requirements of this paragraph shall apply. Test tolerances shall be identified for the test criteria when appropriate. Specified tolerances shall be derived from the trainer specification, design criteria reports, manufacturing criteria, and operational equipment data.

3.2.7.8 Alignment

When required by the DO, the contractor shall perform the necessary equipment alignments prior to the initiation of each increment of the T&E program.

3.2.7.9 Test Log

When required by the DO, the requirements of this paragraph shall apply. The contractor shall maintain a log of subsystem and system tests conducted in-plant and on-site. Entries into the test log shall begin with the start of contractor and subcontractor engineering verification testing and shall continue until the completion of testing. The test log shall show (by date) equipment adjustments, modifications, failures, removal, replacements, and scheduled and unscheduled maintenance. The contractor shall make the test log available to the Government technical representative upon request.

3.2.7.10 Changes During Testing

When required by the DO, the requirements of this paragraph shall apply. Changes made in the alignment, programming, or adjustments during the T&E program, shall be recorded in the contractor's test log. Tests conducted prior to such changes shall be repeated, unless a Government technical representative determines that such changes have not invalidated the related test data.

3.2.7.10.1 Software Changes During Government Testing

When required by the DO, the requirements of this paragraph shall apply. Changes to software baselines during test events shall require Government authorization. The Government will maintain configuration control of software baselines used during Government testing. Prior to the initiation of each DT after TRR-1, the contractor shall ensure the Government software repositories located in the integration labs are updated with the current test build software. Any software changes developed in response to deficiencies encountered during the test event shall be integrated into the contractor's and integration lab repositories, and the software baseline appropriately rebuilt. Partial builds are acceptable as long as they are demonstrated to only affect the software executable in question, and no other executables are impacted. The contractor shall demonstrate to the Government that proposed software baseline changes are supported by contractor regression testing.

3.2.7.11 Changes After Testing

When required by the DO, the requirements of this paragraph shall apply. Modifications or changes in design, which are determined to be necessary as a result of testing, shall be recorded in the contractor's test log. Tests run prior to such modifications shall be repeated unless a Government technical representative determines that such changes have not invalidated the related test data.

3.2.7.12 T&E Deficiency Reporting System

When required by the DO, the requirements of this paragraph shall apply. The contractor shall implement a deficiency reporting system for tracking (identification, assignment, status, progress, resolution) hardware and software problems (including tactical subsystem) discovered during the DT events. In addition, the deficiency reporting system shall be used to track documentation problems including technical documentation and data errors. During Hardware-Software Integration (HSI) and early DT, the contractor shall utilize a Software/System Trouble Reports (STRs) system. The contractor's defined STR process is acceptable for deficiency reporting during HSI. The contractor shall provide the Government their definition for deficiencies, categories and priorities, and allow the Government to participate and have access to the contractor's STR tracking system. As the training system matures to system level DT-3, Government Deficiency Reports (DRs) shall be recorded, assessed for impact, and prioritized.

3.2.7.13 T&E Program Components

When required by the DO, the requirements of this paragraph shall apply. The T&E program shall consist of test phases described below and in the TEMP (CDRL A00P). Test phases will be structured by the T&E IPT to provide the DT required to support the verification of requirements. The T&E program shall consist of the following components:

- a. DT-1 (Government Preliminary Evaluations)
- b. DT-2 (Contractor Preliminary Inspection (CPI))
- c. TRR-1
- d. DT-3 (GPI)
- e. DT-4 (Contractor Final Inspection (CFI))
- f. TRR-2
- g. DT-5 (Government Final Inspection (GFI))

- h. Physical Configuration Audit (PCA)
 - (1) Preliminary PCA
 - (2) Final PCA

3.2.7.13.1 DT-1 (Navy Preliminary Evaluation (NPE))

When required by the DO, the requirements of this paragraph shall apply. Government SMEs and engineers will perform preliminary evaluations during the development of the product to ensure early identification of major problem areas. DT-1 (NPE) shall occur in-plant after hardware assembly or on the integration lab EPM, depending on the type of DO. DT-1 (NPE) shall occur when sufficient controls and displays are operational to evaluate trainer characteristics, to determine the training potential, and to determine if there are gross deficiencies of the fidelity of the trainer. The contractor shall provide operational support for test plans and procedures approved by the Government test team. Full systems operation is not required but special recording instrumentation that may not be a part of the normal trainer configuration shall be available for use during DT-1 (NPE). Tests conducted shall include the trainer characteristics tests specified herein. When needed, additional DT-1 (NPE) phases (i.e., DT-1a, DT-1b, and so on) shall be scheduled for the purposes of evaluating changes made to correct problem areas and to assess progress with the integration of major trainer subsystems. The timing, duration, and number of DT-1 (NPE) phases shall be coordinated between the contractor and Government test team as part of the T&E IPT meetings.

3.2.7.13.2 DT-2 (Contractor Preliminary Inspection)

When required by the DO, the requirements of this paragraph shall apply. The contractor shall perform DT-2 (CPI) in-plant IAW the Government-accepted TP and other Government-accepted test plans as documented in the TEMP (CDRL A00P) using appropriate trainer hardware. A Government technical representative may witness the performance of DT-2 (CPI). The contractor shall document that the test procedures have been run start-to-finish as a complete test, without segregation of elements of individual tests, prior to TRR-1. The contractor shall annotate in the TP, procedural changes made as a result of DT-2 (CPI) and shall provide a copy of the annotated TP to the Government prior to the start of DT-3 (GPI). The contractor shall document the DT-2 (CPI) results in the Test/Inspection Report. The contractor shall record tests results that do not comply with specification requirements as deficiencies. The contractor shall correct the deficiencies found during DT-2 (CPI) prior to the commencement of DT-3 (GPI). The documented DT-2 (CPI) results, including open deficiencies, shall be presented to the Government on an incremental basis at the next scheduled T&E IPT meeting and in final total form at the TRR-1.

3.2.7.13.3 Test Readiness Review-1

When required by the DO, the requirements of this paragraph shall apply. TRR-1 will be conducted by the Government, following completion of DT-2 (CPI) and after the TRR entry criteria specified in the DO. The purpose of the TRR-1 is to determine trainer readiness for DT-3 (GPI). The contractor shall provide the resources, including facilities, equipment, and personnel to support the TRR-1. The TRR-1 will include a review of the T&E program, including the test results, presentation of contractor certification of test readiness, and open deficiencies remaining from DT-2 (CPI). The contractor shall present the RTVM, in contractor's format, to verify that the DO requirements have been tested. The TRR-1 shall include a contractor-conducted, Government-witnessed demonstration of trainer stability for testing. The trainer stability demonstration shall consist of the performance of a stress test IAW the verification requirements of the DO. The TRR-1 will be repeated until the trainer has been determined by the Government to be acceptable for commencement of the Conformance Inspections. TRR-1 will be considered complete when all DRs are resolved and an acceptable level of program risk is ascertained. During TRR-1, the following shall be reviewed and discussed:

- a. Trainer test procedures
- b. Updated RTVM to verify specification requirements have been tested
- c. Recorded R&M data
- d. The contractor's test log
- e. DT-2 (CPI) test results (including Software Items (SI) test results) and deficiencies when applicable
- f. Test discrepancy reporting process and applicable test discrepancy report form to be used during DT-3 (GPI).
- g. Identification of software test tools to be used during DT-3 (GPI)

- h. Summary of software problems status
- i. Courseware
- j. Status of spare capacities, such as CPU (timing), memory capacity, and disk storage
- k. Cold start procedures
- l. Mission exercises
- m. Logistic Support

3.2.7.13.3.1 TRR-1 Entry/Exit Criteria

When required, entry and exit criteria will be identified within a DO.

3.2.7.13.3.1.1 DT-3 (Government Preliminary Inspection)

3.2.7.13.3.1.1.1 DT-3 (Full Trainer Development)

When required by the DO, the requirements of this paragraph shall apply. DT-3 (GPI) will commence upon notification by the Government's technical representative that the exit criteria for TRR-1 have been met. DT-3 (GPI) will be conducted in-plant by the Government test team as defined in the TEMP (CDRL A00P). DT-3 (GPI) will consist of Government-conducted tests to demonstrate compliance with the specified performance requirements. DT-3 (GPI) will be conducted IAW the Government-accepted TP (revised to include corrections made during DT-2 (CPI)) and other Government-accepted test plans as documented in the TEMP (CDRL A00P). The contractor shall provide the Government with a copy of the revised TP prior to DT-3 (GPI). The Government reserves the right to perform additional tests to ensure compliance with the specified requirements. Testing will commence with the establishment of a software baseline resulting from a software cold-start performed IAW the cold start requirements specified in this SOW, the verification requirements of the DO, and the Government-accepted TP. Following the cold-start, the Government will perform the IA verifications IAW the verification requirements of the DO, and the Government-accepted TP. Deficiency correction verification and validation, including additional cold-starts, will be at the discretion of the Government test team. The typical test schedule may consist of a 10-hour test day followed by the contractor's deficiency clean-up and trainer maintenance periods. The contractor shall provide the resources, personnel, equipment, and facilities needed to support the tests. Hardware and software configuration item testing and design documentation verification and validation will be conducted as an integral part of DT-3 (GPI). Deficiencies found during these tests shall be corrected by the contractor and verified by the Government test team prior to shipment of the trainer to the installation site, unless otherwise authorized by the Government test director. Authorization to ship the trainer to the installation site will be contingent upon notification by the representative of the PCO that the DT-3 (GPI) exit criteria specified below have been met.

3.2.7.13.3.1.1.2 DT-3 (Software Development Only)

When required by the DO, the requirements of this paragraph shall apply. The purpose of DT-3 in a software only DO is to ensure that the software components have been successfully installed in the integration lab and a fully integrated test environment has been established to continue product development. The contractor shall be responsible for scheduling the EPM and integrating the software components in preparation for the DT-3 testing event. The contractor shall be responsible for, with Government CCRB approval, resolving any conflicts in scheduling of the integration lab that arise. The contractor shall update the government repositories to reflect the current baseline. All the terms of paragraph 3.2.7.13.3.1.1.1 apply with the exception of any reference to shipping of the trainer to site.

3.2.7.13.3.1.1.3 DT-3 (GPI) Exit Criteria

The exit criteria for DT-3 (GPI) shall consist of Government concurrence with the following:

- a. Cold start has been successfully performed to establish the trainer's software baseline configuration to be used for testing.
- b. TP tests have been executed and accepted.
- c. A complete TP test or acceptable regression test series representative of the complete TP (as determined by the Government) has been run after the final DR ready for re-test. TP tests may be reduced within acceptable regression testing guidelines determined by the Government.
- d. Updated tests results have been recorded in the contractual test documentation, including date/time of final results and red-lines (when necessary).

- e. Deficiencies have been documented, categorized for severity, and tracked to final resolution.
- f. DT-3 (GPI) has demonstrated that test equipment needed to execute the complete TP has been used, functions properly, and is currently available, calibrated, and working.
- g. CM baseline (software and hardware) has been maintained throughout DR correction. CM deficiencies identified during DT-3 (GPI) have been corrected.

3.2.7.13.3.1.2 DT-4 (Contractor Final Inspection)

3.2.7.13.3.1.2.1 DT-4 (DFI) (Full Trainer Development)

When required by the DO, the requirements of this paragraph shall apply. Upon completion of the installation of the trainer on-site, the contractor shall perform DT-4 (CFI) IAW the Government-accepted TP and other Government-accepted test plans created IAW the TEMP (CDRL A00P). A Government technical representative shall witness the performance of DT-4 (CFI). DT-4 (CFI) shall include a complete run of the Government-accepted TP from start to finish. The contractor shall document that the test procedures have been run start-to-finish as a complete test, without segregation of elements of individual tests, prior to TRR-2. The contractor shall annotate in the TP, procedural changes made as a result of DT-4 (CFI) and shall provide a copy of the annotated TP to the Government prior to the start of DT-5 (GFI). The contractor shall document DT-4 (CFI) results in the Test/Inspection Report. The contractor shall record test results that do not comply with specification requirements as deficiencies. The contractor shall correct the deficiencies found during DT-4 (CFI) prior to the commencement of DT-5 (GFI). The documented DT-4 (CFI) results, including open deficiencies, shall be presented to the Government on an incremental basis at the next scheduled T&E IPT meeting and in final total form at the TRR-2.

3.2.7.13.3.1.3 DT-4 (Contractor Final Inspection) (Software Development Only)

When required by the DO, the requirements of this paragraph shall apply. The purpose of DT-4 in a software development / upgrade only DO is to ensure that all software components have been successfully installed in the integration lab in their final configuration and are tested against the approved test plans. The contractor shall be responsible for scheduling the EPM and integrating the software components in preparation for the DT-4 testing event. The contractor shall be responsible for, with Government CCRB approval, resolving any conflicts in scheduling of the integration lab that arise. The contractor shall update the government repositories to reflect the current baseline. All the terms of paragraph 3.2.7.13.3.1.2.1 apply with the exception of any reference to in-plant.

3.2.7.13.3.1.4 Test Readiness Review-2

When required by the DO, the requirements of this paragraph shall apply. TRR-2 will be conducted by the Government, following completion of DT-4 (CFI) and after the TRR-2 entry criteria specified below in 3.2.7.13.3.1.4.1 have been met. The purpose of the TRR-2 is to determine trainer readiness for DT-5 (GFI) and shall occur either in the integration lab or on site with the delivered training system. The TRR-2 will include a review of the T&E program, including the test results, presentation of contractor certification of test readiness, and open deficiencies remaining from DT-4 (CFI). The contractor shall present a cross-reference matrix, in contractor's format, to verify that the specification requirements have been tested. The TRR-2 shall include a contractor-conducted, Government-witnessed demonstration of trainer stability for testing. The trainer stability demonstration shall consist of the performance of a stress test IAW the DO. The TRR-2 will be repeated until the trainer has been determined by the Government to be acceptable for commencement of DT-5 (GFI). TRR-2 will be considered complete when all DRs are resolved and an acceptable level of program risk is ascertained. During the TRR-2, the following shall be reviewed and discussed:

- a. Trainer test procedures
- b. Updated RTVM to verify specification requirements have been tested
- c. Recorded R&M data
- d. The contractor's test log
- e. DT-4 (CFI) test results (including SI test results) and deficiencies
- f. Test discrepancy reporting process and applicable test discrepancy report form to be used during DT-5 (GFI).
- g. Identification of software test tools to be used during DT-5 (GFI)
- h. Summary of software problems status
- i. Courseware

- j. Status of spare capacities, such as CPU (timing), memory capacity, and disk storage
- k. Cold start procedures
- l. Mission exercises
- m. Logistic Support

3.2.7.13.3.1.4.1 TRR-2 Entry / Exit Criteria

When required, entry and exit criteria will be identified within a DO.

3.2.7.13.3.1.5 DT-5 (Government Final Inspection)

When required by the DO, the requirements of this paragraph shall apply. DT-5 (GFI) will commence upon notification by the Government technical representative that the TRR-2 exit criteria have been met. DT-5 (GFI) will be conducted on-site by a Government test team as defined in the TEMP (CDRL A00P) and will consist of tests conducted to verify compliance with the specified performance requirements. DT-5 (GFI) will be conducted IAW the Government-accepted TP (revised to include corrections made during DT-2 (CPI), DT-3 (GPI), and DT-4 (CFI)) and other Government-accepted test plans as documented in the TEMP (CDRL A00P). The contractor shall provide the Government with a copy of this revised TP prior to DT-5 (GFI). Testing will commence with the establishment of a software baseline resulting from a software cold-start performed IAW the cold start requirements specified in this SOW, the verification of requirements, and the Government-accepted TP. Following the cold-start, the Government will perform the IA verifications IAW the IAMP, and the Government-accepted TP. Deficiency correction verification and validation, including additional cold-starts, will be at the discretion of the Government. The typical test schedule may consist of a 10-hour test day followed by the contractor's deficiency clean-up and trainer maintenance periods. The contractor shall provide the resources, personnel, and equipment necessary to support the tests. Hardware and software configuration item testing and design documentation verification and validation will be conducted as an integral part of DT-5 (GFI). The Government reserves the right to perform such additional tests as deemed necessary to ensure compliance with the specified requirements. Deficiencies found during DT-5 (GFI) shall be corrected by the contractor and verified by the Government test team prior to Government acceptance of the trainer.

3.2.7.13.3.1.5.1 DT-5 (GFI) Exit Criteria

The exit criteria for DT-5 (GFI) shall consist of Government concurrence with the following:

- a. A cold-start has been successfully performed to establish final software baseline.
- b. Deficiencies identified have been documented, categorized for severity, and tracked to final resolution.
- c. A complete TP test has been run after the final DR ready for re-test, within acceptable regression testing guidelines as determined by the Government.
- d. A copy of the final TP test results has been provided with the results recorded in the contractual testing documentation, including date/time of final results, and red-lines (when necessary).
- e. CM baseline (software and hardware) has been maintained throughout DR correction. CM deficiencies identified during DT-5 (GFI) have been corrected.
- f. DT-5 (GFI) has demonstrated that the test and support equipment necessary to execute the complete TP testing were used, documented, in calibration, and functioned properly.
- g. Required QA standards have been satisfied and achieved.
- h. The contractor's QA representative, contractor's test manager, and Government's technical representative have resolved testing as complete.

3.2.7.13.3.2 Physical Configuration Audit (PCA)

When required by the DO, the requirements of this paragraph shall apply. The PCA is a SETR event and will consist of non-functional examinations performed IAW the Government-accepted TP to demonstrate that the trainer as-built design satisfies the specification requirements, and that the deliverable hardware and software documentation accurately reflect the configuration items. The contractor shall perform a planning effort for the PCA and document the results in the TEMP (CDRL A00P). The contractor shall develop and document in the TP, the test procedures to perform the PCA examinations. The contractor shall record the results of the PCA examinations in the Test/Inspection Report. Non-deliverable documents may be in contractor format and will be examined only to determine contractor compliance with CM requirements. The PCA will be conducted by a Government team on the

as-built trainer with power off. When required by the DO, the contractor shall be responsible for the disassembly of trainer equipment and for providing access to areas of the trainer not normally accessible. The Government reserves the right to perform other examinations deemed necessary to determine compliance with design documentation requirements. The PCA will consist of the following phases.

3.2.7.13.3.2.1 Preliminary PCA

The preliminary PCA will be conducted in-plant during DT-3 (GPI) and is only required for development of a new training system. This phase of the PCA will consist of hardware examinations of the as-built trainer as defined in the Government-accepted TP and other Government-accepted test plans, as documented in the TEMP (CDRL A00P). Deficiencies will be recorded by the Government team and shall be corrected by the contractor prior to commencement of DT-4 (CFI). A typical day may consist of 10 hours of Government team examinations followed by the contractor's deficiency correction period. The preliminary PCA will be considered complete when all DRs are resolved and an acceptable level of program risk is ascertained.

3.2.7.13.3.2.1.1 Preliminary PCA Entry / Exit Criteria

When required, entry /exit criteria will be identified within a DO.

3.2.7.13.3.2.2 Final PCA

The final PCA will commence upon successful completion of the DT-4 in order to establish the product baseline prior to trainer acceptance. This phase of the PCA will consist of software and hardware examinations defined in selected sections of the Government-accepted TP created IAW the approved TEMP (CDRL A00P). The hardware PCA will consist of an examination of the as-built trainer against its design documentation and the software PCA will consist of an examination of the as-built version of the computer system configuration items against the software technical documentation. Deficiencies recorded by the Government shall be corrected by the contractor prior to trainer acceptance. The final PCA will be considered complete when all DRs are resolved and an acceptable level of program risk is ascertained.

3.2.7.13.3.2.2.1 Final PCA Entry / Exit Criteria

When required, entry /exit criteria will be identified within a DO.

3.2.8 IUID Assignment

When required by the DO, the contractor shall assign an IUID to the training system and a separate IUID to its associated Initial Support Kit (ISK), in accordance with DFARS Clause 252.211-7003.

3.3 Specific Tasks

This section describes the specific types of delivery orders that will be issued against this SOW. Unless otherwise specified in the DO or below subsection, all terms in sections 3.1 and 3.2 apply.

3.3.1 CLIN 0101 Post Award Conference (PAC) / Administrative Requirements

3.3.1.1 Post Award Conference (PAC)

The contractor shall attend a government-scheduled one-day PAC at the Government's facility within 30 days of CLIN 0101 DO award. The purpose of the PAC shall be to establish the framework of the contractor and Government interaction during the performance period of the contract. The contractor's management leads, functional leads, technical leads and contractual personnel should be in attendance. At a minimum, the contractor shall present:

- a. Contractor IPT structure (names, responsibilities, phone numbers, and email addresses)
 - b. Monthly report content and format (Metrics collection process, analysis, and reporting)
- Hardware and software DOs will not be issued until the completion of the PAC.

3.3.1.2 Administrative Requirements

Within 30 days of CLIN 0101 DO award, the contractor shall submit the following IAW the applicable CDRLs:

- a. OPSEC implementation plan (CDRL A00G)

- b. CM Plan (to include Data Management) (CDRL A00E)
- c. SDP (CDRL A003)

Within 60 days of CLIN 0101 DO award, the contractor shall submit the following IAW the applicable CDRLs:

- a. IA implementation plan (IAP) (CDRL A00J)
- b. SEMP (CDRL A00D)
- c. TEMP (CDRL A00P)
- d. RMP (CDRL A00F)

3.3.2 CLIN 0102 (and associated out-years) Core Sustainment (Firm Fixed Price(FFP))

3.3.2.1 MRTS integration laboratories

In direct support of planning, developing, producing, modifying and delivering training devices that are in different phases of the acquisition life cycle, the contractor shall provide day-to-day System Administration (SA) and Information Assurance (IA) support to the MRTS integration laboratories. The EPMs are for use in testing by the Government and are available for use by the contractor for testing purposes under terms of DO's written against sections 3.3.3, 3.3.4, 3.3.5, and 3.3.6 of this SOW. The EPMs, government workstations, and associated network shall be operational between the approximate hours of 0600 and 1800 local time weekdays, excluding Federal holidays. The government workstations and associated network are utilized approximately 60 hours per week; the EPMs are utilized approximately 36 hours per week. The contractor's SEMP, SDP, CMP, and TEMP shall address the integration labs in development efforts.

The hardware configuration and parts list of the integration labs are listed in Appendix A. The contractor shall be responsible for the following actions:

- a) Cleaning and maintenance of the hardware components of the integration labs performed in accordance with the applicable development stations' COTS manual or EPM System Interface Manual (SIM).
- b) System administration functions to support approximately fifteen government computer systems, one primary configuration management server(s), and backup servers.
- c) Maintain on- and off-site backups of all software and documentation.
- d) Troubleshooting, identifying and replacing failed components in the integration labs. Replacement items and spare parts will be replenished by the Government.
- e) Maintain an inventory database of all components in the integration labs, including spares.
- f) System administration functions to keep the EPM's in compliance with the products developed under other sections of this SOW. This may require multiple baselines of operating system configurations (or images) to support multiple projects in different phases of development.
- g) IA functions to ensure the integration labs are in accordance with security requirements listed in section 3.1.4.
- h) Maintaining EPM use, operation, demonstration, and maintenance schedule. Note: the Government Configuration Control Review Board (CCRB) will have final authority for prioritizing access to the EPMs.
- i) The contractor shall provide telephonic or electronic (email, web meeting, etc.) software trouble support. Technical assistance and response to technical questions concerning the MRTS trainers. Approximately 8 hours of assistance shall be provided per month and support shall be provided between the hours of 0800 and 1700 (Eastern Standard Time).

3.3.2.2 Information Assurance (IA)

The Contractor shall safeguard all unclassified Government proprietary information throughout the life of the contract and shall ensure that software applications delivered to the Government are free from elements that might be detrimental to their secure operation. Unless otherwise specified in the DO, all requirements of sections 3.1.4 shall apply. The following roles shall be required to support the integration labs.

a. The Contractor shall provide a certified IA Technical (IAT) Level I personnel to perform duties of a System Administrator as required in DoD 8570.01-M/Appendix 3 for the integration labs. Certifications shall be made available for government verification.

b. The Contractor shall provide a certified IA Manager (IAM) Level I personnel to perform duties of an Information Assurance Officer (IAO) as required in DoD 8570.01-M/Appendix 3 for the integration labs. Certifications shall be made available for government verification.

3.3.2.2.1 Backup Management System

The Contractor shall incorporate a backup management system and associated procedures for the integration labs. The backup management system shall enable the System Administrator to perform weekly back up operations to an offsite location. The backup management system shall be approved by the CCRB prior to implementation. The contractor shall prepare Scientific and Technical Reports (Information Assurance System Administrator Guide (SAG)) IAW CDRL A00H.

3.3.2.3 Reporting

Status of the integration labs shall be reported in accordance with the Contractor's Progress, Status, and Management Report, CDRL B001. Issues requiring immediate action shall be reported to the government TPOC immediately.

3.3.2.3.1 Enterprise-wide Contractor Manpower Reporting (Applicable only to Core Sustainment CLINs)

The contractor shall report contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the Navy via a secure data collection site. Contracted services excluded from reporting are based on Product Service Codes (PSCs). The excluded PSCs are:

- (1) W, Lease/Rental of Equipment;
- (2) X, Lease/Rental of Facilities;
- (3) Y, Construction of Structures and Facilities;
- (4) S, Utilities ONLY;
- (5) V, Freight and Shipping ONLY.

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

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

3.3.3 CLIN 0103 (and associated out-years) Software Development Products (Firm Fixed Price(FFP))

The contractor shall develop, produce or modify software products IAW the DO SOW. Unless otherwise specified in the DO, all development shall conform to requirements listed in sections 3.1 and 3.2, and in accordance with the contractor's approved SEMP, SDP, TEMP, CMP, OPSEC, and IAP.

The FFP CLIN shall be used in development products where the requirements are relatively stable at DO initiation. The contractor shall prepare ECP's for submission to the Government in accordance with CDRL A00A. The contractor shall provide monthly reports per CDRL B001.

3.3.4 CLIN 0104 (and associated out-years) Software Development Products (Cost Plus Fixed Fee(CPFF))

The contractor shall develop, produce or modify software products IAW the DO SOW. Unless otherwise specified in the DO, all development shall conform to requirements listed in sections 3.1 and 3.2, and in accordance with the contractor's approved SEMP, SDP, TEMP, CMP, OPSEC, and IAP.

The CPFF CLIN shall be used in development products where the requirements are relatively dynamic at DO initiation. Consideration will be provided by the Government in these situations for requirements changes and scope increase. The contractor shall provide monthly reports per CDRL B001.

3.3.4.1.1 Backup Management System

The Contractor shall conduct weekly backups of work in development associated with a DO. The dates of completed backups shall be reported in the monthly report.

3.3.5 CLIN 0105 (and associated out-years) Software Upgrade Products (Firm Fixed Price(FFP))

The contractor shall develop, produce or modify software products IAW the DO SOW. Unless otherwise specified in the DO, all development shall conform to requirements listed in sections 3.1 and 3.2, and in accordance with the contractor's approved SEMP, SDP, TEMP, CMP, OPSEC, and IAP.

A software upgrade shall be considered a modification to an existing MRTS product baseline. Another case where this type of DO will be issued is when the upgrade can be added to an existing trainer baseline without impacting the overall architecture of the training system, such as IA controls, reducing the effort.

3.3.6 CLIN 0106 (and associated out-years) Hardware System Development and / or Technical Refresh (Firm Fixed Price(FFP))

The contractor shall develop, produce, procure or modify a hardware system and or a technical refresh solution to meet the requirements of the DO SOW. Unless otherwise specified in the DO, all development shall conform to requirements listed in sections 3.1 and 3.2, and in accordance with the contractor's approved SEMP, SDP, TEMP, CMP, OPSEC, and IAP.

When required by a DO, the contractor will design a new MRTS training device hardware and / or perform a technical refresh of existing MRTS training device hardware. Unless otherwise specified in the DO, the contractor shall be responsible for:

- a. Designing the new hardware configuration.
- b. Ensuring the new hardware configuration is compatible with existing MRTS software applications as specified in the DO.
- c. Purchasing of the equipment
- d. Installation of the equipment at all training sites and the integration labs.
- e. Scheduling of the integration labs and trainer resources for use in establishing the new hardware baseline.

One of the EPM's in the integration labs shall be used to test hardware changes. Once approved by the MRTS Configuration Control Review Board (CCRB), the changes will be fielded to the rest of the sites as specified in the DO.

3.3.6.1 Initial Support Kit List (ISKL)

When required by the DO, the requirements of this paragraph shall apply. When a new hardware system is delivered to a site, an Initial Support Kit List (ISKL) must be delivered per CDRL C001 requirements of the contract. As part of hardware device development the contractor shall propose the range and depth for the recommended spares. All elements shall be reviewed for reliability and criticality to mission and probable replacement lead-time to determine recommended quantities. The contractor shall demonstrate its approach to developing and populating the data elements of the ISKL. This demonstration shall include its representation of the top-down breakdown structure of all training system components reduced to the Lowest Replacement Unit (LRU) level of assembly. The contractor shall provide technical and provisioning representatives to collaborate in this effort. The contractor's ISKL portion shall not include maintenance support Tools and Test Equipment (T&TE) items.

3.3.7 CLIN 0107 (and associated out-years) Documentation (FFP)

When specified in the DO, MRTS documentation shall be prepared and/or updated to document the changes to trainer products. DOs written on this CLIN will designate the product line the documentation is required to support. The contractor shall produce, update, verify or provide as applicable the following documents:

- a. Training Equipment Change Directives (TECDs) (CDRL D004)
- b. Equipment Inventory Record (EIR) (CDRL D001)
- c. Training Change Instruction (TCI) (CDRL D002)

- d. Training System Installation Plan (TSIP) (CDRL D003)
- e. Systems Interface Manual (SIM) along with COTS documentation (CDRL E001)
- f. Training System Support Documents (TSSD) (CDRL F001)
- g. System drawings and other related documentation (CDRL A00Q)
- h. Physical Configuration Audit Report (support only)

3.3.7.1 Technical Documentation Orientation Conference

When required by the DO, the requirements of this paragraph shall apply. The purpose of the TDOC is to ensure that the Government and contractor agree to the contractual requirements for development of the technical documentation for operations and maintenance of the trainer, including installation, theory of operation, system operation, troubleshooting procedures, preventive maintenance, parts lists, instructor information, and drawings. The objectives of this conference may be met during normal IPT meetings.

3.3.8 CLIN 0108 (and associated out-years) System Administration (SA) / Information Assurance (IA) (FFP)

When required by the DO, the contractor shall provide specific SA and IA products to the government MRTS program. These will be discrete actions outside of the scope of Core Sustainment (section 3.3.2), Software Development Products (sections 3.3.3 and 3.3.4), Software Upgrade Products (section 3.3.5), and Hardware System Development (section 3.3.5) and will be issued at the program's discretion. An example of the type of work under this CLIN is certification and accreditation products, command and program inspections, and compliance with computer tasking orders (CTOs).

Appendix A

MRTS Integration Laboratory Engineering Production Model Inventory List

A.1 MRTS Integration Laboratory Engineering Production Models (EPM)

One of the labs contains EPMs. Tables A-I and A-II list the equipment for the CSRR Device 21H45 EPM. Table A-III is the power requirements for the EPM. Table A-IV lists equipment that is used in the MRTS integration laboratory by government personnel. Table A-V lists equipment available as GFE for use on specific delivery orders when required. Table A-VI lists equipment in the WLCTT laboratory EPM and Table A-VII lists equipment in the WLCTT laboratory development system.

TABLE A-I EPM RACK COMPUTERS AND MONITORS

<u>Column/Rack#</u>	<u>CPU Optiplex 960 (service tag#)</u>	<u>Displays #1</u>	<u>Displays #2</u>	<u>Displays #3</u>	<u>Displays #4</u>
(IOS) 19	G6W6PM1	20199CM6154 08	20196CM6361 39	NONE	NONE
(IOS) 20	Dell Power Edge T410	20199CM6154 37	20199CM6154 06	Dell E1910c	NONE
1	G6X5PM1	20199CM6153 93	20199CM6154 16	2019CM61540 4	20196CM63611 7
2	G6X6PM1	20199CM6154 30	20199CM6153 94	20196CM6353 61	20196CM63608 9
3	2NM7MN1	20199CM6154 41	20199CM6361 19	2019CM63607 8	20196CM63612 9
4	G6V7PM1	20196CM6353 63	20196CM6361 36	20199CM6153 99	20199CM61542 1
5	1PTMSL1	20199CM6154 42	20199CM6154 15	20199CM6154 32	20199CM61544 3
6	G6V5PM1	2400904220192 9	20159K264119 2	20162KJ64975 5	20184K5687740

7	G6W7PM1	20199CM6154 33	20196CM6361 35	20196CM6353 35	2019CM636096
8	G6T7PM1	20199CM6154 00	20196CM6361 32	20196CM6361 30	20196CM63609 2
9	G6V6PM1	20196CM6360 93	20196CM6361 31	20199CM6154 29	20199CM61543 9
10	G6V4PM1	20196CM6361 33	20196CM6360 94	20199CM6153 98	20196CM63609 1
11	G6W6PM1	20196CM6360 95	20196CM6360 43	20199CM6154 38	20199CM61538 8
12	2NH8MN1	20196CM6361 34	20196CM6361 37	20196CM6361 37	20199CM61540 7
13	2ND8MN1	20196CM6361 18	20199CM6154 53	20199CM6154 20	20196CM63445 0
14	2NJ6MN1	20199CM6154 19	20158K560190 3	20196CM6344 78	20199CM61541 7
15	G6Y4PM1	20159K561496 8	20199CM6154 34	20159KJ66335 0	2018K5667432
16	G6W4PM1	20196CM6344 48	20159KJ66444 4	20159KJ66478 9	20159KJ663305
17	G6T5PM1	20159KJ66214 0	20159KJ66330 4	20159KJ66334 5	20159KJ662137
18	G6T6PM1	2400904220192 7	2015AK569090 1	20162KJ64974 6	20159KJ662140
MAINT RACK 21	CPU # 1	CPU # 2	CPU # 3	DISPLAY # 1	DISPLAY # 2
	Unknown	Unknown	RC942KKN111 22900483	120199CM615 384	220199CM6360 81

TABLE A-II EPM MISCELLANEOUS EQUIPMENT

<u>Column/Rack#</u>	<u>Keyboard P/Ns</u>	<u>HUB GUH274</u>	<u>Sound Cards ICUSAUDIO B 2.0</u>	<u>Speakers (set)</u>	<u>Server</u>	<u>Utility Panel</u>
(IOS) 19	DR4BK-T	0	3	1		Y
(IOS) 20	None	1	0	0	SERVER – 2LNMN1	N
1	I-TECH 1200dRKU	1	3	1		Y
2	I-TECH 1200dRKU	1	3	1		Y
3	I-TECH 1200dRKU	1	3	1		Y
4	I-TECH 1200dRKU	1	3	1		Y
5	I-TECH 1200dRKU	1	3	1		Y
6	I-TECH 1200dRKU	1	3	1		Y
7	DR4BK-T	1	3	1		Y

8	DR4BK-T	1	3	1		Y
9	DR4BK-T	1	3	1		
10	DR4BK-T	1	3	1		Y
11	DR4BK-T	1	3	1		Y
12	DR4BK-T	1	3	1		Y
13	DR4BK-T	1	3	1		Y
14	I-TECH 1200dRKU	1	3	1		Y
15	I-TECH 1200dRKU	1	3	1		Y
16	I-TECH 1200dRKU	1	3	1		Y
17	I-TECH 1200dRKU	1	3	1		Y
18	I-TECH 1200dRKU	1	3	1		Y
	DISPLAY #3	SWITCH	LAPTOP #1	LAPTO P #2	LAPTOP #3	LAPTOP #4
MAINT RACK 21	42 INCH	NETGEAR 24 PORT SWITCH 11X5563300241	45441R1	DTHLN S1	81PQNN1	7Y0SZB1
	UPS					
	APCE 750					

***NOTES:**

1. Displays are PC20046 by CANVYS

TABLE A-III EPM POWER REQUIREMENTS

<u>Column / Rack#</u>	<u>CPU OPTIPLEX 960</u>	<u>DISPLAY</u>				<u>HUB</u>	<u>FAN S</u>	<u>SPEAKE RS</u>	<u>NETWO RK SWITCH</u>	<u>TOTA L</u>
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>					
(IOS) 19	255W	70W	70W	0	0	2.5W	5W	15W	0	417.5W
(IOS) 20	580W	70W	70W	70W	0	0	5W	15W	0	810W
1	255W	70W	70W	70W	70W	2.5W	5W	15W	38.5	485W
2	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W
3	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W
4	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W
5	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W
6	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W
7	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W
8	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W
9	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W

10	255W	70W	70W	70W	70W	2.5W	5W	15W	38.5	596W
11	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W
12	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W
13	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W
14	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W
15	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W
16	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W
17	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W
18	255W	70W	70W	70W	70W	2.5W	5W	15W	0	557.5W
MAIN T RACK	CPU #1	CPU #2	CPU# 3	DISPLAY #1	DISPL AY #2	DISP LAY #3	FANS	NETWO RK SWITCH		
21	580W	580W	580W	70W	70W	200W	10W	38.5W		2128.5 W

TABLE A-IV. MRTS CURRENT INTEGRATION LABORATORY GOVERNMENT COMPUTER RESOURCES

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>MODEL NUMBER</u>	<u>SERIAL NUMBER</u>	<u>QUANTITY</u>
1	Computer – Government Workstation	Dell Optiplex 960		8
2	Monitor – Government Workstation	Various		10
3	Computer – Rack mount, CM Server	Dell 310		1
3	Computer – Rack mount, File Server #1	Dell 310		1
4	Computer – Rack mount, File Server #2	Dell 310		1
5	Computer – Rack Mount, backup server	Dell 310		1
6	KVM – Trendnet	TK-803R		1
7				

TABLE A-V. GOVERNMENT EQUIPMENT AVAILABLE FOR USE AS GFE

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>MODEL NUMBER</u>	<u>SERIAL NUMBER</u>	<u>QUANTITY</u>
1	Camcorder, Canon Vixia HV40	HV40	062850001567	1
2	Camera, Nikon D90 Digital SLR	D90	3186194	1

TABLE A-VI. WLCTT EPM #1

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>MODEL NUMBER</u>	<u>QUANTITY</u>
1	COMPUTER – DELL POWEREDGE T110	T110	1
2	COMPUTER – DELL PRECISION T3500 W/QUADRO NVS 420 GRAPHICS	T3500	9

3	MONITOR – CUSTOM BUILT TECH PANEL, 30” WIDESCREEN TOUCH MONITOR	CUSTOM	20
4	MONITOR – CANVYS 20.1 LCD DISPLAY		5
5	NETWORK SWITCH	DGS-1024D	1
6	LOGITECH SPEAKERS	970264-0403	4
7	PERCEPTIVE PIXEL 55” MULTI-TOUCH DISPLAY W/UPGRADED VIDEO CARD & POWER SUPPLY		4
8	DELL SMART UPS 1500VA	SUZ1500US	14

TABLE A-VII. WLCTT DEVELOPMENT LAB

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>MODEL NUMBER</u>	<u>SERIAL NUMBER</u>	<u>QUANTITY</u>
1	COMPUTER – DELL T3500	T3500		10
2	COMPUTER – DELL XPS	XPS		3
3	COMPUTER – ALS LINUX	ASL 910		1
4	MONITOR – 20” 4/3 FORMAT			5
5	MONITOR – 22” WIDESCREEN FORMAT			6
6	MONITOR – 24” WIDESCREEN FORMAT			12
7	MONITOR – 32” WIDESCREEN FORMAT			4

Contract Data Requirements List (CDRLs)

B.1 All CDRLs are listed in table B-1.

TABLE B-1. CDRL List

NAME	CURRENT DID #	CDRL
Test Plan	DI-NDTI-80566A	A001
Test Procedures	DI-NDTI-80603A	A002
Software Development Plan	DI-IPSC-81427A	A003
Interface Requirements Specification	DI-IPSC-81434A	A004
Software Requirements Specification	DI-IPSC-81433A	A005
Interface Design Description	DI-IPSC-81436A	A006
Software Design Description	DI-IPSC-81435A	A007
Software Version Description	DI-IPSC-81442A	A008
System/Subsystem Design Description	DI-IPSC-81432A	A009
Engineering Change Proposal	DI-CMAN-80639C	A00A
Request for Deviation	DI-CMAN-80640C	A00B
Computer Software Product End Items	DI-MCCR-80700	A00C
Systems Engineering Management Plan (SEMP)	DI-SESS-81785	A00D
Configuration Management Plan (CMP)	DI-CMAN-80858B	A00E
Risk Management Plan (RMP)	DI-MGMT-81808	A00F
Operations Security Plan	DI-MGMT-80934C	A00G
Information Assurance System Administrator Guide	DI-MISC-80711A	A00H
Vendor Integrity Statement	DI-MISC-80711A	A00I
PIT Risk Approval (PRA)	DI-MISC-80711A	A00J
Requirements Traceability Verification Matrix (RTVM)	DI-MISC-80711A	A00K
Test/Inspection Report	DI-NDTI-80809B	A00L
Configuration Audit Summary Report	DI-CMAN-81022C	A00M
RESERVED	RSVD	RSVD
Test & Evaluation Master Plan (TEMP)	DI-MISC-80711A	A00P
Product Drawings and Associated Lists	DI-SESS-81000C	A00Q
PIT determination request document	DI-MISC-80711A	A00R
Contractor's Progress, Status and Management Report	DI-MGMT-80227	B001
Conference Agenda	DI-ADMN-81249A	B002
Conference Minutes	DI-ADMN-81250A	B003
Contractor Work Breakdown Structure	DI-MGMT-81334D	B004
Integrated Program Management Report	DI-MGMT-81861A	B005
Initial Support Kit List	DI-ALSS-81529	C001
Equipment Inventory and Record List	DI-ILSS-81251	D001
Technical Change Instruction (TCI)	TCI Instruction Guide/ DI-CMAN-81269C	D002
Training System Installation Plan (TSIP)	TCI Instruction Guide/ DI-MIS-80711A	D003
Training Equipment Change Directive	DI-CMAN-81269C	D004
Systems Interface Manual	TMCR	E001
Training System Support Document	DI-SESS-81527B	F001
Instructor/Maintenance Training Material	DI-SESS-81523B	F002

Note: The CDRLs listed in table B.1 are applicable to this contract, but can be modified slightly through the performance of this contract to meet delivery order requirements. Any changes to the CDRLs will be stated in the delivery order.

ATTACHMENT 2 - MATRIX

Resource Allocation Matrix

The labor categories and rates listed below are only applicable to the Software Product Development (FFP) (0103, 0203, 0303, 0403, 0503), Software Upgrade Products (0105, 0205, 0305, 0405, 0505), Hardware System Development and/or Technical Refresh (0106, 0206, 0306, 0406, 0506), Documentation (0107, 0207, 0307, 0407, 0507), and System Administration/Information Assurance (0108, 0208, 0308, 0408, 0508) CLINs. Fully burdened rates shall reflect all indirect rates and profit. NOTE: Year 5 Fully Burdened Rates should account for any delivery orders that could go past the 12 months outlined for 050X CLINs since there will be no Year 6 CLINs.

Labor Categories	Fully Burdened Hourly Rate Base Year	Fully Burdened Hourly Rate Year 2	Fully Burdened Hourly Rate Year 3	Fully Burdened Hourly Rate Year 4	Fully Burdened Hourly Rate Year 5

The fixed factor rates listed below are only applicable to travel, material and other direct costs for the Software Product Development (FFP) (0103, 0203, 0303, 0403, 0503), Software Upgrade Products (0105, 0205, 0305, 0405, 0505), Hardware System Development and/or Technical Refresh (0106, 0206, 0306, 0406, 0506), Documentation (0107, 0207, 0307, 0407, 0507), and System Administration/Information Assurance (0108, 0208, 0308, 0408, 0508) CLINs. The fixed factor shall account for appropriate overhead, G&A and profit applicable to travel, material, and other direct costs. NOTE: Year 5 Fixed Factor Rates should account for any delivery orders that could go past the 12 months outlined for 050X CLINs since there will be no Year 6 CLINs.

Factor	Fixed Factor Rate Base Year	Fixed Factor Rate Year 2	Fixed Factor Rate Year 3	Fixed Factor Rate Year 4	Fixed Factor Rate Year 5

The labor categories and rates listed below are only applicable to the Software Development Products (CPFF) (0104, 0204, 0304, 0404, 0504) CLINs. Fully burdened rates shall reflect all indirect rates but exclude fee. The fixed fee amount will be negotiated with each delivery order. NOTE: Year 5 Burdened Hourly Rates should account for any delivery orders that could go past the 12 months outlined for CLIN 0504 since there will be no Year 6 CLIN.

Labor Categories	Burdened Hourly Rate (No Fee) Base Year	Burdened Hourly Rate (No Fee) Year 2	Burdened Hourly Rate (No Fee) Year 3	Burdened Hourly Rate (No Fee) Year 4	Burdened Hourly Rate (No Fee) Year 5

ATTACHMENT 3- TRANSMITTAL FORM

DATA ITEM TRANSMITTAL/ACEPTANCE/REJECTION FORM	
Contract N61340-13-X-XXXX	
CLIN/ELIN: ___/___ TITLE:	
Block 14 Distribution:	
Other:	
Doc. Ref. No.: _____ Date:	
From:	
To: Naval Air Warfare Center, Training Systems Division, 12350 Research Parkway, Code ____, Orlando, FL 32826-__ ATTN:	
The above detailed CDRL item is forwarded for review and acceptance/ rejection. This item is due _____ The Government review period is ____ days.	
Sincerely,	
Signature:	
Typed Name/Title:	
FIRST ENDORSEMENT:	Date Received:
<input type="checkbox"/> Accepted. <input type="checkbox"/> Accepted. Attached comments must be incorporated into the next scheduled submission. (This block is for use with periodically submitted items only.) <input type="checkbox"/> Rejected, comments attached. Change pages () are () not sufficient for correction. Contractor is allowed () 30 days or () __ days to resubmit.	
Signature:	
Typed Name/Title:	
Code: _____ Date:	
VIA: PD _____ Date:	
SECOND ENDORSEMENT:	
<input type="checkbox"/> Accepted. <input type="checkbox"/> Accepted conditionally. Attached comments must be incorporated in the next scheduled submission. <input type="checkbox"/> Rejected, comments attached. Resubmit no later than _____.	
Signature:	
Typed Name/Title: _____ Date:	
Contracting Officer	
CC w/Encl.:	
CC w/o Encl.:	

**ATTACHMENT (4) PAST PERFORMANCE QUESTIONNAIRE FOR THE
MULTI-PURPOSE RECONFIGURABLE TRAINING SYSTEM (MRTS)
RFP: N61340-14-R-2401**

Questionnaire Instructions: The form is designed to be e-mailed to the Customer and completed using Microsoft Word 2007.

PART A - The offeror shall complete PART A only. After completing Part A the offeror shall forward one copy to each PCO, Program Manager and Technical Lead/Contracting Officer Representative (COR) for each relevant project, FOR CPARS REPORTS THAT ARE MORE THAN SIX MONTHS OLD, E.G., THE COMPLETION DATE IS MORE THAN SIX MONTHS BEFORE THE DUE DATE FOR THE PAST PERFORMANCE VOLUME, OR WHICH DOES NOT HAVE A CPARS SUBMISSION, to be considered for the MRTS Past Performance Volume 3.

PART B - The respondent(s) (Contracting Officer, Program Manager and Technical Lead/COR (Prime's PM if applicable)) will each complete PART B of the form received. After completing PART B the respondent shall deliver the form to NAWCTSD.

Form Delivery Method - The respondent(s) will return the completed Past Performance Questionnaire directly to Mr. Ricardo Elias at Ricardo.L.Elias@navy.mil. Mr. Elias can be reached by phone at 407-380-4101.

ATTACH 4- PAST PERF QUESTION

PART A RELEVANT CONTRACT INFORMATION

CONTRACTOR IDENTIFICATION

- a. Contractor: _____
- b. Program Title: _____
- c. Contract Number: _____
- d. Type of Contract
(FFP, CPFF, T&M, etc)?: _____
- e. Contract Award Date: _____
- f. Contract Award Value: _____
- e. Supply or Service Contract: _____

Contractor Cage Code/DUNS#: _____

Percent Complete %: _____

Please provide a short description of the subject contract:

Was execution of this contract in a support service nature with guidance provided by the Government/Prime?

Yes No

Was execution of this contract in developmental nature with contractor responsible of implementation and delivery?

Yes No

PART B: PROGRAM CHARACTERISTICS

RESPONDENT IDENTIFICATION

- a. Name: _____
- b. Agency: _____
- c. Position: _____
- d. Relation to Program (PM, PCO, COR) _____
- e. Phone//Email Address: _____
- f. Date Questionnaire Completed: _____

PROGRAM CHARACTERISTICS

Please check those activities, which are applicable to your program:

<input checked="" type="checkbox"/>	Activities	<input checked="" type="checkbox"/>	Activities
	Software Development		Software Maintenance/Modification/Enhancement
	Software Configuration control		Research test-bed software development
	Development of military communication tactical or training systems		Information Assurance (IA) accreditation and/or implementing IA controls
	Re-use and expansion of Government-owned data assets and software code		Simulation of Tactical Equipment
	Requirements Management		Independent Testing and Verification
	Systems Engineering		Configuration Management
	Trainer/Simulator Development		Virtual World Training

PERFORMANCE LEVELS (Use these grades to provide the overall rating where requested below).

- Exceptional - Performance meets contractual requirements and exceeds many to the Government's benefit.
- Very Good - Performance meets contractual requirements and exceeds some to the Government's benefit.
- Satisfactory - Performance meets contractual requirements.
- Marginal - Performance does not meet some contractual requirements.
- Unsatisfactory - Performance does not meet most contractual requirements and recovery is not likely in a timely manner.

INSTRUCTIONS: Please check the appropriate response for each of the items to be rated.

TECHNICAL AND QUALITY PERFORMANCE

Items to be rated	Exceptional	Very Good	Satisfactory	Marginal	Unsatisfactory	N/A
Personnel Qualifications and Performance						
Data Collection						
Data Synthesis and Requirements Analysis						
Design and Design Reviews						
Technical/Progress Reviews						
Quality and Accuracy of Product Design						
Quality and Accuracy of Product						
Quality and Accuracy of Technical Documents						
Quality and Accuracy of Product Testing						
Product Usability						
Production Problems or Issues						
Configuration Management of Products and Product Components						

Provide Narrative Description to substantiate your ratings of this contractor in the TECHNICAL AND QUALITY PERFORMANCE area.

SCHEDULE PERFORMANCE

Items to be rated	Exceptional	Very Good	Satisfactory	Marginal	Unsatisfactory	N/A
Accurage, Complete, and Timely Deliverables						
Design Reviews						
Progress Reviews						
Product Testing						
Production Scheduling						
Deficiency/Discrepancy Correction						

Provide Narrative Description to substantiate your ratings of this contractor in the SCHEDULE PERFORMANCE area.

COST CONTROL PERFORMANCE

Items to be rated	Exceptional	Very Good	Satisfactory	Marginal	Unsatisfactory	N/A
Accurate Costs Proposed						
Effective Expenditure Tracking and Reporting						
Product Rework Experience						
Ability to manage overruns						

Provide Narrative Description to substantiate your ratings of this contractor in the COST PERFORMANCE area.

MANAGEMENT

Items to be rated	Exceptional	Very Good	Satisfactory	Marginal	Unsatisfactory	N/A
Timeliness and Completeness of Management Responsiveness						
Completeness and quality of problem identification						
Effective corrective action plans						
Reasonable and cooperative behavior						
Customer satisfaction						
Timely award and management of subcontracts						
Ability to identify and apply resources to contract activities						
Communicate appropriate information to affected program elements in a timely manner						
Ability to manage and mitigate risk						

Provide Narrative Description to substantiate your ratings of this contractor in the MANAGEMENT area.

FUTURE EFFORTS: If you had the option, knowing what you know today, would you award another effort to this contractor

____ Definitely would Not

____ Might

____ Probably would

____ Definitely would

Provide Narrative Description to substantiate your ratings of this contractor in the FUTURE EFFORTS area.

ATTACH 6- LIMITS ON SUBCONTACT

Verification of Subcontracting Limitation

Prime Contractor		Subcontractor 1	
Labor Cost for YR 1	\$XXXX,XXX	Labor Cost for YR 1	\$XXXX,XXX
Labor Cost for YR 2	\$XXXX,XXX	Labor Cost for YR 2	\$XXXX,XXX
Labor Cost for YR 3	\$XXXX,XXX	Labor Cost for YR 3	\$XXXX,XXX
Labor Cost for YR 4	\$XXXX,XXX	Labor Cost for YR 4	\$XXXX,XXX
Labor Cost for YR 5	\$XXXX,XXX	Labor Cost for YR 5	\$XXXX,XXX
Total Prime Contractor Labor Cost		Subcontractor 2	
	\$XXX,XX	Labor Cost for YR 1	\$XXXX,XXX
	X	Labor Cost for YR 2	\$XXXX,XXX
		Labor Cost for YR 3	\$XXXX,XXX
		Labor Cost for YR 4	\$XXXX,XXX
		Labor Cost for YR 5	\$XXXX,XXX
		Subcontractor 3	
		Labor Cost for YR 1	\$XXXX,XXX
		Labor Cost for YR 2	\$XXXX,XXX
		Labor Cost for YR 3	\$XXXX,XXX
		Labor Cost for YR 4	\$XXXX,XXX
		Labor Cost for YR 5	\$XXXX,XXX
		Total Subcontractor Labor Cost	
			\$XXX,XX
			X

Labor cost includes direct labor, labor overhead, fringe, G&A and does not profit/fee

Each Labor cost year includes all the CLINs associated with that year.

ATTACH 7- GFI REQUEST/NDAMulti-Purpose Reconfigurable Training System (MRTS)
Government Furnished Information (GFI) request and Non-Disclosure Agreement (NDA)

Solicitation: N61340-14-R-2401

1. This GFI request and NDA implements MRTS contract provisions governing the limitations on disclosure of GFI provided by Naval Air Warfare Center Training Systems Division (NAWCTSD) to MRTS offerors. For purposes of this GFI request and NDA, GFI means any and all data, documentation, technical libraries, or other information, in any format or media, made available by NAWCTSD, or other Government entities, to MRTS offerors for purposes of MRTS assessments, solicitations, and contract performance.
2. GFI available:
 - a. NAWCTSD P-8149, MRTS Device 21E17 System Interface Manual (SIM)
 - b. NAWCTSD P-8150, MRTS Device 21E17 Training System Support Document (TSSD)
 - c. NAWCTSD P-8651, MRTS Device 21H42 SIM
 - d. NAWCTSD P-8653, MRTS Device 21H42 TSSD
 - e. NAWCTSD P-9059, MRTS Device 21H45 SIM
 - f. NAWCTSD P-9060, MRTS Device 21H45 TSSD
 - g. Sample MRTS SCSS source code (may be viewed at NAWCTSD facility only, Reference Section L Part A 8.0)
3. Method for disseminating GFI:
 - CD or similar
 - NAWCTSD Infoshare
 - Government technical library
 - Other: Viewing of GFI at NAWCTSD facility
4. Request(s) (with shipping information if applicable) for GFI shall be submitted using this form and be signed by an individual with authority to bind the company in such an agreement. Additionally, the request shall identify those personnel to be given access to the requested GFI as well as each subcontractor and its personnel that will be given access to the GFI.
5. Within 10 days of (1) award of a contract or cancellation if a solicitation is issued; or (2) notice that the requirement will not be solicited; or (3) any other notification that the Government requires the return of the GFI; or (4) in the case of a successful Offeror, within 10 days of submitting the final material inspection and receiving report in accordance with 252.246-7000, the GFI shall be (a) returned to the Contracting Officer; or (b) with the prior written agreement of the Contracting Officer, destroyed and certified as destroyed to the Contracting Officer; or (c) with the prior written agreement of the contracting officer, retained under the terms of this NDA for such period as may be agreed. Within the same 10 day period, all copies (including copies in archival files and computer backup files) and written and electronic excerpts shall be destroyed, and the destruction certified to the Contracting Officer.
6. Each individual covered under this NDA shall take all precautions necessary to prevent disclosure of GFI. In addition to physically and electronically securing, safeguarding, and restricting access to the GFI in one's

possession, these precautions include, but are not limited to, sending and receiving GFI using physical and electronic methods that are within the control of the individuals authorized by this NDA or that otherwise restrict access to GFI to individuals authorized by this NDA. GFI may be sent using electronic mail unless prohibited by further restrictions on the GFI.

7. Nothing in this NDA shall relieve the offeror from complying with the disclosure limitations established within the International Traffic in Arms Regulations (ITAR), Export Administration Regulations (EAR), DOD regulations, and limited distribution statements on sensitive documents.
8. The MRTS Prime Offeror shall flow-down to each subcontractor the contents of this NDA. Subcontractors shall obtain permission from the prime offeror for further disclosure beyond the subcontractor.

To be completed by MRTS Offeror:

1. (Company Name) requests one copy of the Government Furnished Information (GFI) package available for the solicitation identified above. Notwithstanding the requirements of the basic MRTS contract, to include, but not limited to 252.204-7000, 252.204-7008, and 252.227-7025, by submitting this request, (Company Name) acknowledges that it understands that this GFI is provided for responding to MRTS assessments, solicitations, and contract performance and that any further disclosure is governed by the restrictions of the GFI. (Company Name) further understands that this GFI shall not be reproduced in any way, except as is incidental to its incorporation into a submission to NAWCTSD, nor shall the GFI be transferred to any other person or company not covered by this NDA without the express written consent of the cognizant Contracting Officer via Email request to the cognizant Contract Specialist.
2. (Company Name) acknowledges the requirements of and will comply with paragraphs 5 and 6 on page 1.
3. Personnel to be given access to GFI (including subcontractor(s) and its personnel)

Company	Employee	Citizenship

4. Shipping address
5. NDA Concurrence:

 Name Title Signature Date

To be completed by the Government:

- Request (with shipping information) submitted signed by an individual with authority to bind the company in such an agreement
- Company must not appear on the Federal Debarment list as of the date of the request
- Company must be registered in the CCR
- Other requirements (i.e., ITAR registration compliance)
- GFI is properly marked with appropriate/correct distribution and control markings
- NAWCTSD GFI route sheet complete

Contracting Officer Concurrence:

Name	Title	Signature	Date

Tracking:

- | | | | |
|--------------------------|------------------|------|------------------------------|
| <input type="checkbox"/> | GFI Distribution | Date | FedEx Tracking |
| | | Date | NAWCTSD Infoshare Access |
| | | Date | Government technical library |
| | | Date | Other |

-
- GFI returned Date
 - Certified Destroyed Date

CONTRACT DATA REQUIREMENTS LIST (CDRL) (1 Data Item)						<i>Form Approved</i> <i>OMB No. 0704-0188</i>							
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>													
A. CONTRACT LINE ITEM NO. 0003/0004/0005			B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER ENGINEERING DATA								
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR							
1. DATA ITEM NO. A004		2. TITLE OF DATA ITEM INTERFACE REQUIREMENTS SPECIFICATION				3. SUBTITLE							
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81434A				5. CONTRACT REFERENCE SOW PARA 3.2.2.7.1.5		6. REQUIRING OFFICE NAWCTSD ENGR							
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION							
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES					
<p>16. REMARKS</p> <p>1. BLK 4: Section 4.a - TITLE PAGE SHALL ALSO INCLUDE A COPYRIGHT STATEMENT: COPYRIGHT NOTICE: © (YEAR DATE OF DELIVERY) UNITED STATES GOVERNMENT, AS REPRESENTED BY THE SECRETORY OF THE NAVY. ALL RIGHTS RESERVED.</p> <p>2. BLK 10: THE IRS WILL BE DELIVERED AS REQUIRED TO SUPPORT THE SRR AND CDR PHASES.</p> <p>3. BLK 12: THE IRS SHALL BE SUBMITTED 30 DAYS PRIOR TO SRR-1.</p> <p>4. BLK 13: THE IRS SHALL BE SUBMITTED 30 DAYS PRIOR TO PDR AND CDR.</p> <p>5. BLK 14: THE GOVERNMENT SHALL HAVE 30 DAYS TO REVIEW AND ACCEPT/REJECT THE IRS.</p> <p>6. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE 2007 FORMAT VIA EMAIL OR NAWCTSD INFO SHARE SITE IF AVAILABLE. CDRL DELIVERY NOTIFICATION SHALL BE PROVIDED VIA EMAIL. DISTRIBUTION E-MAIL ADDRESSES ARE LOCATED IN SECTION F OF THE CONTRACT SCHEDULE.</p> <p>7. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE.</p> <p>DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY ADMINISTRATIVE OR OPERATIONAL USE, 01 MARCH 2012. OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.</p>						NAWCTSD ENGR		1			1		
						NAWCTSD PJM			LTR		ONL		
						NAWCTSD PCO			LTR		ONL		
						NAWCTSD INFOSHARE		1			1		
						15. TOTAL →						2	
G. PREPARED BY Mark Reemsnyder, NAWCTSD 4.6.8.4				H. DATE May 1, 2013		I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA		J. DATE May 1, 2013					

CONTRACT DATA REQUIREMENTS LIST (CDRL) (1 Data Item)						Form Approved OMB No. 0704-0188									
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A. CONTRACT LINE ITEM NO. 0003/0004/0005			B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER ENGINEERING DATA										
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR									
1. DATA ITEM NO. A005		2. TITLE OF DATA ITEM SOFTWARE REQUIREMENTS SPECIFICATION				3. SUBTITLE									
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81433A				5. CONTRACT REFERENCE SOW PARA 3.2.2.5		6. REQUIRING OFFICE NAWCTSD ENGR									
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION									
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES							
<p>16. REMARKS</p> <p>1. BLK 4: PARAGRAPH CLARIFICATIONS:</p> <ul style="list-style-type: none"> a. 4.a - TITLE PAGE SHALL ALSO INCLUDE A COPYRIGHT STATEMENT: COPYRIGHT NOTICE: © (YEAR DATE OF DELIVERY) UNITED STATES GOVERNMENT, AS REPRESENTED BY THE SECRETARY OF THE NAVY. ALL RIGHTS RESERVED. b. 3.0 - CSCIs NEED BE TO THE EXECUTABLE LEVEL OF DECOMPOSITION ONLY. c. 3.3 - EXTERNAL INTERFACES SHALL BE DOCUMENTED TO THE LEVEL SPECIFIED IN THE DELIVERY ORDER. d. 3.4 - INTERNAL INTERFACES ONLY NEED TO BE DOCUMENTED WHEN SPECIFICALLY DIRECTED BY THE DELIVERY ORDER. e. 3.5 - INTERNAL INTERFACES ONLY NEED TO BE DOCUMENTED WHEN SPECIFICALLY DIRECTED BY THE DELIVERY ORDER. f. 3.10 - COMPUTER RESOURCE ANALYSIS ONLY NEED TO BE DOCUMENTED IN CASES WHERE THE CSCI HAS BEEN DETERMINED TO CONSUME GREATER THAN 50% OF THE AVAILABLE RESOURCES. g. 3.11 - FOR REFERENCE ONLY. h. 5.0 - TRACEABILITY IS ONLY TO THE FUNCTIONAL LEVEL OF THE CSCI. <p>2. BLK 10: THE SRS WILL BE DELIVERED AS REQUIRED TO SUPPORT THE SRR AND CDR PHASES.</p> <p>3. BLK 12: THE SRS SHALL BE SUBMITTED 30 DAYS PRIOR TO SRR-1.</p> <p>4. BLK 13: THE SRS SHALL BE SUBMITTED 30 DAYS PRIOR TO PDR AND CDR.</p> <p>5. BLK 14: THE GOVERNMENT SHALL HAVE 30 DAYS TO REVIEW AND ACCEPT/REJECT THE SRS.</p> <p>6. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE 2007 FORMAT VIA EMAIL OR NAWCTSD INFO SHARE SITE IF AVAILABLE. CDRL DELIVERY NOTIFICATION SHALL BE PROVIDED VIA EMAIL. DISTRIBUTION E-MAIL ADDRESSES ARE LOCATED IN SECTION F OF THE CONTRACT SCHEDULE.</p> <p>7. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE.</p> <p>DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY ADMINISTRATIVE OR OPERATIONAL USE, 01 MARCH 2012. OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.</p>						NAWCTSD ENGR	1		1						
												NAWCTSD PJM		LTR	ONL
												NAWCTSD PCO		LTR	ONL
												NAWCTSD INFOSHARE	1		1
												15. TOTAL	2		2
						G. PREPARED BY Mark Reemsnyder, NAWCTSD 4.6.8.4			H. DATE May 1, 2013		I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA			J. DATE May 1, 2013	

CONTRACT DATA REQUIREMENTS LIST (CDRL) (1 Data Item)						Form Approved OMB No. 0704-0188								
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A. CONTRACT LINE ITEM NO. 0003/0004/0005			B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER ENGINEERING DATA									
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR								
1. DATA ITEM NO. A006		2. TITLE OF DATA ITEM INTERFACE DESIGN DESCRIPTION (IDD)				3. SUBTITLE								
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81436A				5. CONTRACT REFERENCE SOW PARA 3.2.2.6, 3.2.2.7.1.5			6. REQUIRING OFFICE NAWCTSD ENGR							
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION								
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES						
<p>16. REMARKS</p> <p>1. BLK 04: THE FOLLOWING PARAGRAPHS ARE AMENDED:</p> <p style="margin-left: 20px;">a. 4.a - TITLE PAGE SHALL ALSO INCLUDE A COPYRIGHT STATEMENT: COPYRIGHT NOTICE: © (YEAR DATE OF DELIVERY) UNITED STATES GOVERNMENT, AS REPRESENTED BY THE SECRETORY OF THE NAVY. ALL RIGHTS RESERVED</p> <p style="margin-left: 20px;">b. 4.g.3.x – FOR REFERENCE ONLY. INTENT IS FOR CSCI CLASS DIAGRAM AND OVERALL ARCHITECTURE. DATA READILY AVAILABLE WITHIN AN IDE NEED NOT BE DOCUMENTED.</p> <p style="margin-left: 20px;">c. 4.g.4. – TRACEABILITY IS ONLY TO THE FUNCTIONAL LEVEL AND DOES NOT NEED TO BE ADDRESSED IN THE SOFTWARE DESIGN UNLESS OTHERWISE SPECIFIED IN THE DO.</p> <p>2. BLK 10: THE IDD WILL BE DELIVERED AS REQUIRED TO SUPPORT THE SRR AND CDR PHASES.</p> <p>3. BLK 12: THE IDD SHALL BE SUBMITTED 30 DAYS PRIOR TO PDR.</p> <p>4. BLK 13: THE IDD SHALL BE SUBMITTED 30 DAYS PRIOR TO PDR AND CDR. FINAL SUBMISSION WILL BE DUE 30 DAYS AFTER CDR.</p> <p>5. BLK 14: THE GOVERNMENT SHALL HAVE 30 DAYS TO REVIEW AND ACCEPT/REJECT THE IDD.</p> <p>6. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE 2007 FORMAT VIA EMAIL OR NAWCTSD INFO SHARE SITE IF AVAILABLE. CDRL DELIVERY NOTIFICATION SHALL BE PROVIDED VIA EMAIL. DISTRIBUTION E-MAIL ADDRESSES ARE LOCATED IN SECTION F OF THE CONTRACT SCHEDULE.</p> <p>7. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE.</p> <p style="margin-left: 20px;">DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY ADMINISTRATIVE OR OPERATIONAL USE, 01 MARCH 2012. OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.</p>						a. ADDRESSEE	Draft	Final		Reg	Repro			
							NAWCTSD ENGR	1						1
							NAWCTSD PJM					LTR	ONL	
							NAWCTSD PCO					LTR	ONL	
							NAWCTSD INFOSHARE	1						1
						15. TOTAL →						2		2
G. PREPARED BY Mark Reemsnyder, NAWCTSD 4.6.8.4				H. DATE May 1, 2013		I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA			J. DATE May 1, 2013					

CONTRACT DATA REQUIREMENTS LIST (CDRL) (1 Data Item)						<i>Form Approved</i> <i>OMB No. 0704-0188</i>				
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A. CONTRACT LINE ITEM NO. 0003/0004/0005			B. EXHIBIT A		C. CATEGORY: TDP ____ TM ____ OTHER ENGINEERING DATA					
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR				
1. DATA ITEM NO. A008		2. TITLE OF DATA ITEM SOFTWARE VERSION DESCRIPTION (SVD)				3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81442A				5. CONTRACT REFERENCE SOW PARA 3.2.2.9.1		6. REQUIRING OFFICE NAWCTSD ENGR				
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION				
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES		
<p>16. REMARKS</p> <p>1. BLK 4: 4.a - TITLE PAGE SHALL ALSO INCLUDE A COPYRIGHT STATEMENT: COPYRIGHT NOTICE: "© (YEAR DATE OF DELIVERY) UNITED STATES GOVERNMENT, AS REPRESENTED BY THE SECRETORY OF THE NAVY. ALL RIGHTS RESERVED</p> <p>2. BLK 10: THE SVD WILL BE DELIVERED AS REQUIRED TO SUPPORT THE SRR AND CDR PHASES.</p> <p>3. BLK 12: THE SVD SHALL BE SUBMITTED PRELIMINARY 30 DAYS PRIOR TO DT-3 (GPI).</p> <p>4. BLK 13: THE SVD SHALL BE SUBMITTED 30 DAYS PRIOR TO DT-5 (GFI).</p> <p>5. BLK 14: THE GOVERNMENT SHALL HAVE 30 DAYS TO REVIEW AND ACCEPT/REJECT THE SVD.</p> <p>6. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE 2007 FORMAT VIA EMAIL OR NAWCTSD INFO SHARE SITE IF AVAILABLE. CDRL DELIVERY NOTIFICATION SHALL BE PROVIDED VIA EMAIL. DISTRIBUTION E-MAIL ADDRESSES ARE LOCATED IN SECTION F OF THE CONTRACT SCHEDULE.</p> <p>7. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE.</p> <p>DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY ADMINISTRATIVE OR OPERATIONAL USE, 01 MARCH 2012. OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.</p>						NAWCTSD ENGR		1		1
						NAWCTSD PJM		1		1
						NAWCTSD PCO			LTR	ONL
						NAWCTSD INFOSHARE		1		1
						15. TOTAL →				
G. PREPARED BY Mark Reemsnyder, NAWCTSD 4.6.8.4				H. DATE May 1, 2013	I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA			J. DATE May 1, 2013		

CONTRACT DATA REQUIREMENTS LIST (CDRL) (1 Data Item)						Form Approved OMB No. 0704-0188									
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A. CONTRACT LINE ITEM NO. 0003/0004/0005/0006			B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER ENGINEERING DATA										
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR									
1. DATA ITEM NO. A009		2. TITLE OF DATA ITEM SYSTEM/SUBSYSTEM DESIGN DESCRIPTION (SSDD)				3. SUBTITLE									
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81432A				5. CONTRACT REFERENCE SOW PARA 3.2.2.4		6. REQUIRING OFFICE NAWCTSD ENGR									
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION									
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES							
16. REMARKS 1. BLK 4: 3.a - TITLE PAGE SHALL ALSO INCLUDE A COPYRIGHT STATEMENT: COPYRIGHT NOTICE: "© (YEAR DATE OF DELIVERY) UNITED STATES GOVERNMENT, AS REPRESENTED BY THE SECRETARY OF THE NAVY. ALL RIGHTS RESERVED 2. BLK 10: THE SSDD WILL BE DELIVERED AS REQUIRED TO SUPPORT THE SRR AND CDR PHASES. 3. BLK 12: THE SSDD SHALL BE SUBMITTED 30 DAYS PRIOR TO PDR. 4. BLK 13: THE SSDD SHALL BE SUBMITTED 30 DAYS PRIOR TO PDR AND CDR. FINAL SUBMISSION WILL BE DUE 30 DAYS AFTER CDR. 5. BLK 14: THE GOVERNMENT SHALL HAVE 30 DAYS TO REVIEW AND ACCEPT/REJECT THE SSDD. 6. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE 2007 FORMAT VIA EMAIL OR NAWCTSD INFO SHARE SITE IF AVAILABLE. CDRL DELIVERY NOTIFICATION SHALL BE PROVIDED VIA EMAIL. DISTRIBUTION E-MAIL ADDRESSES ARE LOCATED IN SECTION F OF THE CONTRACT SCHEDULE. 7. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE. DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY ADMINISTRATIVE OR OPERATIONAL USE, 01 MARCH 2012. OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.						NAWCTSD ENGR	1		1						
												NAWCTSD PJM		LTR	ONL
												NAWCTSD PCO		LTR	ONL
												NAWCTSD INFOSHARE	1		1
												15. TOTAL	2		2
						G. PREPARED BY Mark Reemsnyder, NAWCTSD 4.6.8.4			H. DATE May 1, 2013		I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA			J. DATE May 1, 2013	

CONTRACT DATA REQUIREMENTS LIST (CDRL) <i>(1 Data Item)</i>						<i>Form Approved</i> <i>OMB No. 0704-0188</i>								
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A. CONTRACT LINE ITEM NO. 0003/0004/0005/0006			B. EXHIBIT A		C. CATEGORY: TDP ____ TM ____ OTHER ENGINEERING DATA									
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR								
1. DATA ITEM NO. A00A		2. TITLE OF DATA ITEM ENGINEERING CHANGE PROPOSAL (ECP)				3. SUBTITLE								
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80639C				5. CONTRACT REFERENCE SOW PARA 3.1.1.6.1, 3.3.3		6. REQUIRING OFFICE NAWCTSD ENGR								
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION								
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES						
<p>16. REMARKS</p> <p>1. BLK 02: THE CONTRACTOR SHALL PROVIDE DELIVERABLE CDRL DOCUMENTATION WITHOUT PROPRIETARY FORMAT NOR INCORPORATE WORD PROCESSING EMBEDDED LINK TECHNOLOGY WHICH WOULD INHIBIT GENERATING AN OPTIMIZED PORTABLE DOCUMENT FORMAT (PDF) DOCUMENT FILE; IN WHICH THE ENTIRE DOCUMENT CONTENT IS VIEWABLE WITHIN THE PDF COMMERCIAL SOFTWARE APPLICATION. THE CONTRACTOR SHALL PROVIDE DELIVERABLE CDRL DOCUMENTATION WITHOUT READ/WRITE PERMISSION RESTRICTIONS AND PASSWORD PROTECTION ENABLED.</p> <p>2. BLK 12: THE FIRST SUBMISSION SHALL BE DUE AS ENGINEERING CHANGES ARE IDENTIFIED.</p> <p>3. BLK 13: SUBSEQUENT SUBMISSIONS SHALL BE DUE AS ENGINEERING CHANGES ARE IDENTIFIED.</p> <p>4. THE GOVERNMENT WILL HAVE 30 CALENDAR DAYS FOR REVIEW AND ACCEPTANCE/REJECTION OF EACH SUBMISSION.</p> <p>5. BLK 13: IF CDRL DOCUMENT IS REJECTED OR ACCEPTED WITH COMMENTS, THE CONTRACTOR SHALL RE-SUBMIT A CORRECTED ECP DOCUMENT INCORPORATING GOVERNMENT REVIEW COMMENTS AND SHALL BE DUE 30 CALENDAR DAYS FROM REJECTION OR ACCEPTANCE WITH COMMENTS LETTER.</p> <p>6. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE 2007 FORMAT VIA EMAIL OR NAWCTSD INFO SHARE SITE IF AVAILABLE. CDRL DELIVERY NOTIFICATION SHALL BE PROVIDED VIA EMAIL. DISTRIBUTION E-MAIL ADDRESSES ARE LOCATED IN SECTION F OF THE CONTRACT SCHEDULE.</p> <p>7. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE.</p> <p>DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY ADMINISTRATIVE OR OPERATIONAL USE, 01 MARCH 2012. OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.</p>						Draft	Final							
												Reg	Repro	
						NAWCTSD PJM						1		
						NAWCTSD ENGR						1		
						NAWCTSD ILSM						1		
						NAWCTSD PCO							LTR ONL	
						NAWCTSD INFOSHARE						1		
						15. TOTAL →						4		
						G. PREPARED BY Mark Reemsnyder, NAWCTSD 4.6.8.4				H. DATE May 1, 2013		I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA		J. DATE May 1, 2013

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A. CONTRACT LINE ITEM NO. 0003/0004/0005/0006			B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER ENGINEERING DATA				
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR			
1. DATA ITEM NO. A00B		2. TITLE OF DATA ITEM REQUEST FOR DEVIATION (RFD)				3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640C				5. CONTRACT REFERENCE SOW PARA 3.1.1.6.1			6. REQUIRING OFFICE NAWCTSD ENGR		
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED		10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION			
8. APP CODE	A		11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES	
16. REMARKS 1. BLK 02: THE CONTRACTOR SHALL PROVIDE DELIVERABLE CDRL DOCUMENTATION WITHOUT PROPRIETARY FORMAT NOR INCORPORATE WORD PROCESSING EMBEDDED LINK TECHNOLOGY WHICH WOULD INHIBIT GENERATING AN OPTIMIZED PORTABLE DOCUMENT FORMAT (PDF) DOCUMENT FILE; IN WHICH THE ENTIRE DOCUMENT CONTENT IS VIEWABLE WITHIN THE PDF COMMERCIAL SOFTWARE APPLICATION. THE CONTRACTOR SHALL PROVIDE DELIVERABLE CDRL DOCUMENTATION WITHOUT READ/WRITE PERMISSION RESTRICTIONS AND PASSWORD PROTECTION ENABLED. 2. BLKS 12/13: SUBMISSION DUE AS NEEDED THROUGH THE END OF THE CONTRACT. 3. THE GOVERNMENT WILL HAVE 30 CALENDAR DAYS FOR REVIEW AND ACCEPTANCE/REJECTION OF EACH SUBMISSION. 4. BLK 13: IF CDRL DOCUMENT IS REJECTED OR ACCEPTED WITH COMMENTS, THE CONTRACTOR SHALL RE-SUBMIT A CORRECTED RFD DOCUMENT INCORPORATING GOVERNMENT REVIEW COMMENTS AND SHALL BE DUE 30 CALENDAR DAYS FROM REJECTION OR ACCEPTANCE WITH COMMENTS LETTER. 5. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE 2007 FORMAT VIA EMAIL OR NAWCTSD INFO SHARE SITE IF AVAILABLE. CDRL DELIVERY NOTIFICATION SHALL BE PROVIDED VIA EMAIL. DISTRIBUTION E-MAIL ADDRESSES ARE LOCATED IN SECTION F OF THE CONTRACT SCHEDULE. 6. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE. DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY ADMINISTRATIVE OR OPERATIONAL USE, 01 MARCH 2012. OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.						NAWCTSD PJM	1		1
						NAWCTSD ENGR	1		1
						NAWCTSD ILSM	1		1
						NAWCTSD PCO		LTR	ONL
						NAWCTSD INFOSHARE	1		1
15. TOTAL →						4		4	
G. PREPARED BY Mark Reemsnyder, NAWCTSD 4.6.8.4				H. DATE May 1, 2013		I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA		J. DATE May 1, 2013	

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A. CONTRACT LINE ITEM NO. 0002/0003/0004/0005/0006/0007		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER ENGINEERING DATA					
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR			
1. DATA ITEM NO. A00C	2. TITLE OF DATA ITEM COMPUTER SOFTWARE PRODUCT END ITEMS (CSPEI)				3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-MCCR-80700			5. CONTRACT REFERENCE SOW PARA 3.2.1, 3.2.2.7.1.2, 3.2.2.9.1			6. REQUIRING OFFICE NAWCTSD ENGR			
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED		10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION			
8. APP CODE	SEE BLOCK 16		11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES	
16. REMARKS 1. BLK 4: COMPUTER SOFTWARE PRODUCT END ITEMS INCLUDE BUT ARE NOT LIMITED TO: a. SOURCE CODE BASELINES b. COMPILED EXECUTABLES c. DATABASE CONFIGURATION FILES d. DATABASE FILES e. TEXT FILES USED TO CONFIGURE TRAINER SOFTWARE f. 2D/3D GRAPHICS FILES (BOTH SOURCE AND END ITEM) 2. BLK 4: MEDIA SHALL BE CD/DVD OR HARD DISK FORMAT. ALL MEDIA SHALL BE LABELED WITH THE FOLLOWING INFORMATION: a. PRODUCT/SUBPRODUCT NAMES b. APPLICABLE COMPUTER SOFTWARE CONFIGURATION ITEM (CSCI) DESIGNATIONS, WHEN REQUIRED BY THE DO. c. CONTRACT NUMBER d. COPYRIGHT NOTICE: © (YEAR DATE OF DELIVERY) UNITED STATES GOVERNMENT, AS REPRESENTED BY THE SECRETARY OF THE NAVY. ALL RIGHTS RESERVED. 3. BLK 4: FORMAT SHALL BE COMPATIBLE WITH TRAINER AND MRTS INTEGRATION LABORATORY OPERATING SYSTEMS. FILES SHALL BE IN ORGANIZED DIRECTORY STRUCTURES ON THE CD/DVD OR HARD DISK BASED ON PRODUCT. 4. BLK 4: ALL SOURCE CODE AND DATA FILES SHALL HAVE THE FOLLOWING META DATA ADDED TO THEM AS LONG AS IT DOESN'T INTERFERE WITH THE NATIVE FORMAT OF THE DATA. COMPILED EXECUTABLES SHALL HAVE THIS INFORMATION INCLUDED IN THEIR FILE PROPERTIES OR INCLUDED IN A DATA WINDOW WITHIN THE APPLICATION. a. FILE NAME b. PRODUCT/SUBPRODUCT NAMES c. APPLICABLE COMPUTER SOFTWARE CONFIGURATION ITEM (CSCI) DESIGNATIONS, WHEN REQUIRED BY THE DO. d. CONTRACT NUMBER e. TOOLS AND PRODUCTS USED TO CREATE THE FILE, ALONG WITH DATA ON HOW TO CONFIGURE THE TOOL FOR USE WITH THE FILE, IF NECESSARY. f. REVISION HISTORY WITH A MINIMUM OF DATE, AUTHOR, AND DESCRIPTION OF CHANGE INCLUDED FOR EACH REVISION g. COPYRIGHT NOTICE: © (YEAR DATE OF DELIVERY) UNITED STATES GOVERNMENT, AS REPRESENTED BY THE SECRETARY OF THE NAVY. ALL RIGHTS RESERVED.						Draft	Final		
						Reg	Repro		
						1	1	LTR	ONL
						1	1	LTR	ONL
						1	1	LTR	ONL
						1	1	LTR	ONL
						1	1	LTR	ONL
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						1	1	LTR	ONL
						1	1	LTR	ONL
						1	1	LTR	ONL
						1	1	LTR	ONL
						15. TOTAL →			
G. PREPARED BY MARK REEMSNYDER, NAWCTSD CODE 4.6.8.4			H. DATE May 1, 2013		I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA			J. DATE May 1, 2013	

DA. CONTRACT LINE ITEM NO. 0002/0003/0004/0005/0006/0007	B. EXHIBIT A	C. CATEGORY N61340-14-R-2401 TDP _____ TM _____ OTHER <u>ENGINEERING DATA</u>
D. SYSTEM/ITEM MRTS	E. CONTRACT/PR NO.	F. CONTRACTOR Page 119 of 201

16. REMARKS (Continued) DATA ITEM NO. A00C**EXHIBIT A00C****COMPUTER SOFTWARE PRODUCT END ITEMS**

5. BLK 9: DISTRIBUTION STATEMENT SHALL BE DETERMINED BY THE DO AND THE CSPEI BEING DELIVERED. EACH ITEM SHALL BE UNIQUELY EVALUATED FOR THE PROPER DISTRIBUTION AUTHORIZATION AND AGREED UPON BY THE GOVERNMENT.
6. BLK 10: SUBMISSIONS SHALL BE AS REQUIRED TO SUPPORT DEVELOPMENT EFFORTS AND SETR EVENTS.
7. BLK 12: FIRST SUBMISSION SHALL BE AFTER DT-1 FOR PRODUCT DEVELOPMENT IN THE MRTS INTEGRATION LABORATORY (MIL), AS DETERMINED BY THE CONTRACTORS DEVELOPMENT SCHEDULE. USE OF THE MIL SHALL BE COORDINATED IN ADVANCE WITH THE MRTS CONFIGURATION CONTROL REVIEW BOARD.
8. BLK 13: SUBSEQUENT SUBMISSIONS SHALL BE MADE AS REQUIRED TO MEET SCHEDULES AND ENSURE THE GOVERNMENT HAS ALL FILES REQUIRED TO SUPPORT EACH DT EVENT BUT SHALL NOT BE LESS THAN 5 DAYS BEFORE EACH DT EVENT AS WELL AS A FINAL SUBMISSION NO LESS THAN 10 DAYS AFTER RFT.
9. BLK 13: FINAL SUBMISSION SHALL BE MADE NO LATER THAN 5 DAYS AFTER THE END OF DT-5 TO ENSURE THE MIL HAS THE FINAL PRODUCT BASELINE.
10. BLK 14: ALL MEDIA SHALL BE CLEARLY LABELED WITH CONTRACT NUMBER, MRTS, PRODUCT VERSION IDENTIFICATION, AND CREATION DATE/REVISION DATE. IF DELIVERED ON MULTIPLE CD'S, EACH CD SHALL BE SIMILARLY LABELED WITH THE DISK AND NUMBER OF DISKS DELIVERED INCLUDED.
11. ALL MEDIA SUBMITTED SHALL BE SCANNED FOR VIRUSES PRIOR TO LOADING IN THE MRTS INTEGRATION LABORATORY.

CONTRACT DATA REQUIREMENTS LIST (CDRL) (1 Data Item)						<i>Form Approved</i> OMB No. 0704-0188				
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A. CONTRACT LINE ITEM NO. 0001/0002/0003/0004/0005			B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER ENGINEERING DATA					
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR				
1. DATA ITEM NO. A00D		2. TITLE OF DATA ITEM SYSTEMS ENGINEERING MANAGEMENT PLAN (SEMP)				3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-SESS-81785				5. CONTRACT REFERENCE SEE BLOCK 16		6. REQUIRING OFFICE NAWCTSD ENGR				
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION				
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES		
<p>16. REMARKS</p> <p>2. BLK 04: IN PREPARING THE SEMP, THE IEEE SPECIFICATIONS AND REFERENCED DID ARE FOR REFERENCE PURPOSES.</p> <p>3. BLK 05: SOW PARA 3.1.1.1, 3.2.2.1, 3.2.2.4, 3.2.2.7, 3.2.2.8, 3.2.2.9, 3.2.2.8.1</p> <p>4. BLK 12. THE FIRST SUBMISSION OF THE SEMP SHALL BE DELIVERED 60 DAYS AFTER CONTRACT AWARD.</p> <p>5. BLOCK 13: REVISIONS SHALL BE DUE THROUGH THE END OF CONTRACT AND SUBMITTED FOR GOVERNMENT REVIEW/APPROVAL.</p> <p>6. THE GOVERNMENT SHALL HAVE 30 DAYS FOR REVIEW AND ACCEPTANCE / REJECTION OF EACH SUBMISSION.</p> <p>7. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE 2007 FORMAT VIA EMAIL OR NAWCTSD INFO SHARE SITE IF AVAILABLE. CDRL DELIVERY NOTIFICATION SHALL BE PROVIDED VIA EMAIL. DISTRIBUTION E-MAIL ADDRESSES ARE LOCATED IN SECTION F OF THE CONTRACT SCHEDULE.</p> <p>8. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE.</p> <p>DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY ADMINISTRATIVE OR OPERATIONAL USE, 01 MARCH 2012. OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.</p>						NAWCTSD ENGR		1		1
						NAWCTSD PJM		1		1
						NAWCTSD PCO			LTR	ONL
						NAWCTSD INFOSHARE		1		1
						15. TOTAL		3		3
G. PREPARED BY Mark Reemsnyder, NAWCTSD 4.6.8.4			H. DATE May 1, 2013		I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA		J. DATE May 1, 2013			

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A. CONTRACT LINE ITEM NO. 0002/0003/0004/0005/0006/0007/0008			B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER ENGINEERING DATA				
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR			
1. DATA ITEM NO. A00E		2. TITLE OF DATA ITEM CONFIGURATION MANAGEMENT PLAN (CMP)				3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80858B				5. CONTRACT REFERENCE SOW PARA 3.1.1.6		6. REQUIRING OFFICE NAWCTSD ENGR			
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION			
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES	
<p>16. REMARKS</p> <p>1. BLK 4: IN PREPARING THE CMP, THE IEEE SPECIFICATIONS AND REFERENCED DID ARE FOR REFERENCE PURPOSES.</p> <p>2. BLK 12. THE CMP SHALL BE DELIVERED 30 DAYS AFTER CONTRACT AWARD.</p> <p>3. BLK 13. REVISIONS TO THE CMP SHALL BE DELIVERED AS NEEDED FOR GOVERNMENT REVIEW/APPROVAL.</p> <p>4. THE GOVERNMENT SHALL HAVE 30 DAYS FOR REVIEW AND ACCEPTANCE / REJECTION OF EACH SUBMISSION.</p> <p>5. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE 2007 FORMAT VIA EMAIL OR NAWCTSD INFO SHARE SITE IF AVAILABLE. CDRL DELIVERY NOTIFICATION SHALL BE PROVIDED VIA EMAIL. DISTRIBUTION E-MAIL ADDRESSES ARE LOCATED IN SECTION F OF THE CONTRACT SCHEDULE.</p> <p>6. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE.</p> <p>DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY ADMINISTRATIVE OR OPERATIONAL USE, 01 MARCH 2012. OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.</p>						NAWCTSD ENGR	1		1
						NAWCTSD PJM	1		1
						NAWCTSD PCO		LTR	ONL
						NAWCTSD INFOSHARE	1		1
						NAWCTSD IAO	1		1
						15. TOTAL →			
G. PREPARED BY Mark Reemsnyder, NAWCTSD 4.6.8.4				H. DATE May 1, 2013	I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA			J. DATE May 1, 2013	

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A. CONTRACT LINE ITEM NO. 0001/0003/0004/0005/0006			B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER ENGINEERING DATA				
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR			
1. DATA ITEM NO. A00F		2. TITLE OF DATA ITEM RISK MANAGEMENT PLAN (RMP)				3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81808				5. CONTRACT REFERENCE SOW PARA 3.1.1.3		6. REQUIRING OFFICE NAWCTSD ENGR			
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION			
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES	
<p>16. REMARKS</p> <p>7. BLK 4: IN PREPARING THE RMP, THE IEEE SPECIFICATIONS AND REFERENCED DID ARE FOR REFERENCE PURPOSES.</p> <p>1. BLK 12. THE FIRST SUBMISSION OF THE RMP SHALL BE DELIVERED 60 DAYS AFTER CONTRACT AWARD.</p> <p>2. BLK 13. REVISIONS TO THE RMP SHALL BE DELIVERED AS NEEDED FOR GOVERNMENT REVIEW/APPROVAL.</p> <p>3. THE GOVERNMENT SHALL HAVE 30 DAYS FOR REVIEW AND ACCEPTANCE / REJECTION OF EACH SUBMISSION.</p> <p>4. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE 2007 FORMAT VIA EMAIL OR NAWCTSD INFO SHARE SITE IF AVAILABLE. CDRL DELIVERY NOTIFICATION SHALL BE PROVIDED VIA EMAIL. DISTRIBUTION E-MAIL ADDRESSES ARE LOCATED IN SECTION F OF THE CONTRACT SCHEDULE.</p> <p>5. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE.</p> <p>DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY ADMINISTRATIVE OR OPERATIONAL USE, 01 MARCH 2012. OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.</p>						NAWCTSD PJM	1		1
						NAWCTSD ENGR	1		1
						NAWCTSD PCO		LTR	ONL
						NAWCTSD INFOSHARE	1		1
						15. TOTAL →			
G. PREPARED BY Mark Reemsnyder, NAWCTSD 4.6.8.4				H. DATE May 1, 2013	I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA			J. DATE May 1, 2013	

CONTRACT DATA REQUIREMENTS LIST (CDRL) <i>(1 Data Item)</i>						<i>Form Approved</i> <i>OMB No. 0704-0188</i>				
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A. CONTRACT LINE ITEM NO. 0001/0003/0004/0005/0006			B. EXHIBIT A		C. CATEGORY: TDP ____ TM ____ OTHER ENGINEERING DATA					
D. SYSTEM/ITEM MRTS				E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. A00G		2. TITLE OF DATA ITEM OPERATIONS SECURITY (OPSEC) PLAN				3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-809334C				5. CONTRACT REFERENCE SOW PARA 3.1.2.1, 3.1.3		6. REQUIRING OFFICE NAWCTSD ENGR				
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED		10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION				
8. APP CODE	D		11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		Draft	b. COPIES	
									Final	Reg
16. REMARKS 1. BLK 4: THE OPSEC PLAN SHALL BE IN CONTRACTOR FORMAT. ANNEX TO EXHIBIT A002 APPLIES. 2. BLK 12: SUBMISSION SHALL BE DUE 90 DAYS AFTER CONTRACT AWARD. REVISIONS SHALL BE DUE THROUGH THE END OF CONTRACT. 3. THE GOVERNMENT SHALL HAVE 30 DAYS FOR ACCEPTANCE OR REJECTION OF EACH SUBMISSION. 4. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ON CD-ROM MICROSOFT WORD 2000 OR HIGHER FORMAT VIA EMAIL OR NAWCTSD INFOSHARE IF AVAILABLE. 5. BLK 9: THE FOLLOWING STATEMENTS SHALL BE INCLUDED ON THE DELIVERABLE: <u>DISTRIBUTION D.</u> DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY (FILL IN REASON PER DODI 5230.24). OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO THE COMMANDING OFFICER, NAWCTSD, PJM, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275 IF THE OPSEC PLAN CONTAINS CRITICAL TECHNOLOGY PER DODD 5230.25 THEN THE FOLLOWING MARKING IS APPLICABLE <u>WARNING!</u> INFORMATION SUBJECT TO EXPORT CONTROL LAWS THIS DOCUMENT CONTAINS TECHNICAL DATA WHOSE EXPORT IS RESTRICTED BY THE ARMS EXPORT CONTROL ACT (TITLE 22, U.S.C., SECTION 2751 ET SEQ.) OR EXECUTIVE ORDER 12470. VIOLATION OF THESE EXPORT LAWS ARE SUBJECT TO SEVERE CRIMINAL PENALTIES. <u>DESTRUCTION NOTICE -</u> FOR CLASSIFIED DOCUMENTS, FOLLOW THE PROCEDURES IN DOD 5220.22-M, INDUSTRIAL SECURITY MANUAL, SECTION 11-19 OR DOD 5200.1-R, INFORMATION SECURITY PROGRAM REGULATION, CHAPTER IX. FOR UNCLASSIFIED, LIMITED DOCUMENTS, DESTROY BY ANY METHOD THAT WILL PREVENT DISCLOSURE OF CONTENTS OR RECONSTRUCTION OF THE DOCUMENT.						NAWCTSD PJM			1	
						NAWCTSD ENGR			1	
						NAWCTSD OPSEC			1	
						NAWCTSD PCO		LTR	ONL	
G. PREPARED BY Darren Smith, CSM				H. DATE 5 September 2013		I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA		J. DATE , 2013		

ANNEX TO EXHIBIT A00H

INFORMATION ASSURANCE SYSTEM ADMINISTRATION GUIDE

1. The SAG shall be submitted in the required format and number of copies of each format, as specified in BLK 14, in accordance with the following:

a. Draft copy. Unless otherwise specified, the document shall be provided in electronic format via the internet and/or email.

b. Regular (Reg) copy. The document shall be provided in hard copy. Hard copies shall be of laser printer quality. The documents shall be bound. Hard copy submissions shall be submitted with the following characteristics:

- 1) Font: Courier, 10 CPI
- 2) Paper Size: 8 ½" wide by 11" high
- 3) Top Bottom Margins: 1 inch
- 4) Left/Right Margins: 1 inch
- 5) Justification: Left

c. Reproducible (Repro) copy. Unless specified on the CDRL item, the document shall be submitted on CD-ROM. The document format shall be such that a hardcopy can be reproduced on a laser printer as follows. Each page of the document shall print on unreduced 8.5 x 11 – inch pages with one-inch margins. Text formatting, exclusive of titles, header, and other special effects, shall be 12 characters per inch, six lines per inch. Graphic portions shall print along with the text. Each file shall have a header page indicating the following:

- Document name, date, and revision level
- File name, and all names of sub-files, which belong to the same document
- Appropriate security classification markings on the body of the document
- Author
- File revision history

Furthermore, each CD-ROM shall be labeled to indicate the following:

- Contract number
- CDRL item number
- CDRL item title, date, and revision level
- Security classification

2. Document Structure/Content: The document will follow the structure outlined below.

1 Introduction (DCFA-1):

- System Description - accreditation boundary, network architecture, networks and sub networks, internal and external interfaces

- Network Diagram with IP addresses
- System components - identity hardware, software, firmware
- Network Devices (Firewalls, Routers, Switches, IDS, KVM) – explain configuration settings and functionality
- Ports, Protocols and Services (PPS) – identify PPS functionality

2 Access Control and Account Management (ECAN-1, IAAC-1, ECPA-1, IAIA-1, IAGA-1):

- Access Control – Implementation of need-to-know, discretionary or role-based access controls, identify the users and groups in use
- Account Management – creating and managing users and groups
 - Add a user or group
 - Operating systems
 - Application(s) or Software (as needed)
 - Database(s) (as needed)
 - Setup ssh keys
 - Permissions and group membership
 - Add a Privileged user
 - Operating systems
 - Application(s) or Software (as needed)
 - Database(s) (as needed)
 - Network Devices (Firewall, Routers, IDS, Switches, KVM, etc.)
 - Setup ssh keys
 - Application Account
 - Setup Requirements
 - Management
 - Password Policies
 - Group Policies
 - Troubleshooting Accounts
 - Group Permissions
 - Operating systems
 - Application(s) or Software (as needed)
 - Database(s) (as needed)
 - Network Devices (Firewall, Routers, IDS, Switches, KVM, etc.)
 - Account Maintenance Process
 - (Windows, Solaris, Linux, etc.)
 - Application(s) or Software (as needed)
 - Database(s) (as needed)
 - Network Devices (Firewall, Routers, IDS, Switches, KVM, etc.)

3 Device Management (ECND-1):

- Personal Computers / Workstations
 - Configuration (STIG's, scripts, INFs, policies, etc)
 - Backup/Recovery

- Cold Starts
- Updates
- Servers
 - Configuration (STIG's, scripts, INFs, policies, etc)
 - Backup/Recovery
 - Cold Starts
 - Updates
- Network Devices (Firewall, Routers, IDS, Switches, KVM, etc.)
 - Configuration (STIG's, scripts, ACL's, etc)
 - Backup/Recovery
 - Cold Starts
 - Updates
- Maintenance Requirement Cards (MRC's)

4 Antivirus Software Management (ECVP-1):

- Procedures for downloading antivirus update definition files
- Procedures for scanning systems
- Updating Personal Computers / Workstations definitions
 - Windows
 - Solaris
 - Linux
 - Other
- Updating Server definitions
 - Windows
 - Solaris
 - Linux
 - Other
- Maintenance Requirement Cards (MRC's)

5 Audit Log Management (ECTB-1):

- Consolidated/Centralized Auditing Process
 - Explain Auditing implementation and functionality for system
 - Explain configuration for Personal Computers, Workstations, Servers, and Network Devices (Firewall, Routers, IDS, Switches, KVM, etc.)
 - Reviewing Logs and Generating Reports
 - Consolidation and Archiving of Logs
 - Access to Audit Log data
 - Audit Log Backup

Note: See Enclosure 1 for Tables of common event ID's to include

6 Information Assurance Vulnerability Management (IAVM) (VIVM-1, ECSC-1, ECMT-1):

- Information Assurance Vulnerability Management compliance status

- Step by Step procedures for IAVA/B/TA acknowledgement, implementation, tracking, and compliance reporting
- Patch implementation, remediation and management for cold start and backup

7 Host Based Intrusion Detection System (ECSC-1):

- Host-Based Security System (HBSS) Common Management Agent (CMA, also known as ePolicy Orchestrator (ePO) agent), Rogue System Detection (RSD), System Compliance Profiler (SCP), Assets Module, and Host Intrusion Protection System (HIPS) software implementation and configuration
- Procedures for downloading update files
- Updating Personal Computers / Workstations
 - Windows
 - Solaris
 - Linux
 - Other
- Updating Servers
 - Windows
 - Solaris
 - Linux
 - Other

8 Configuration Management (DCPR-1, DCCB-1, ECSD-1) :

- Configuration Management Plan
- Configuration Management Procedures - Explain configuration management implementation for Personal Computers, Workstations, Servers, and Network Devices (Firewall, Routers, IDS, Switches, KVM, etc.)
- Documentation Updates

9 Incident Response Planning (VIIR-1):

- Incident Response Plan
- Recognition of Security incident and required actions
- Evidence preservation
- Reporting
- Corrective Measures

10 Maintenance and Information Assurance Sustainment (PRMP-1, DCHW-1, DCSW-1, ECSC-1, ECMT-1):

- Hardware Maintenance Requirements
- Software/ Application Maintenance
- Database Maintenance
- Information Assurance Compliance Scanning
- Maintenance Requirement Cards (MRC's)

11 System Logistics Support (COMS-1, COSP-1):

- Software License Agreements
- Hardware and Software Support Contracts
- Third party or uncommon software packages

12 Site Specific Information (Added by site after delivery):

- Physical and Environmental Security
- Personal Security

CONTRACT DATA REQUIREMENTS LIST (CDRL) (1 Data Item)					Form Approved OMB No. 0704-0188				
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A. CONTRACT LINE ITEM NO. 0003/0004/0005		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER <u>ENGINEERING DATA</u>					
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. A00I	2. TITLE OF DATA ITEM SCIENTIFIC AND TECHNICAL REPORTS			3. SUBTITLE VENDOR INTEGRITY STATEMENTS FOR SOFTWARE					
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80711A			5. CONTRACT REFERENCE SOW PARA 3.1.4.2		6. REQUIRING OFFICE NAWCTSD ENGR				
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D	10. FREQUENCY OTIME	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION				
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION		a. ADDRESSEE	Draft	b. COPIES		
							Final		
							Reg	Repro	
16. REMARKS 1. THIS CDRL SHALL BE IN ACCORDANCE WITH ANNEX TO EXHIBIT A00I 2. BLK 12: SUBMISSION SHALL BE DUE THIRTY (30) DAYS PRIOR TO CONTRACTOR PRELIMINARY INSPECTION. 3. ALL VENDOR INTEGRITY STATEMENTS SHALL BE SUBMITTED IN A BOUND DOCUMENT. 4. THE GOVERNMENT SHALL HAVE 30 DAYS FOR REVIEW AND ACCEPTANCE/REJECTION. 5. BLK 14: REPRODUCIBLE COPIES SHALL BE SUBMITTED IN MS OFFICE 2007 FORMAT VIA EMAIL OR NAWCTSD INFOSHARE IF AVAILABLE. E-MAIL ADDRESSES ARE LISTED IN SECTION F OF THE CONTRACT. 6. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE. DISTRIBUTION STATEMENT D – DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES AND THEIR U.S. DoD CONTRACTORS ONLY (ADMINISTRATIVE OR OPERATIONAL USE) (13 Apr 2009). OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO THE COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, CODE 4.6.8.4, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.					NAWCTSD IA ENGR		1	1	
					NAWCTSD CSM			1	
					NAWCTSD ENGR			1	
15. TOTAL					0	3	1		
G. PREPARED BY Darren Smith, NAWCTSD CSM			H. DATE 13 Apr 2009	I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA		J. DATE May 1, 2013			

ANNEX TO EXHIBIT A001**Vendor Integrity Statement for Software****1. DESCRIPTION**

The Vendor Integrity Statement for software shall be a written and signed contractor certification that assures that each contractor-developed software item delivered to the Government has been examined according to National Industrial Security Program Operating Manual (NISPOM), paragraph 8.302 and certified in accordance with NISPOM paragraph 8.201. In addition, any Government-authorized public domain (commonly known as freeware or shareware) and Open Source software products and other software products with limited or no warranty, shall be subject to the examination and certification described herein and included as part of the VIS when integrated into the trainer. The results of the examinations must indicate that the software has no elements that might be detrimental to the secure operation of the resource operating system. Elements detrimental to the secure operation include:

- a. Malicious code
- b. Trojans, worms, logic bombs, and other computer viruses
- c. Backdoors
- d. Buffer overflows or memory leakage
- e. Ad-ware, Spy-ware, or web bugs that have the ability to track user behavior
- f. Code that permits functions that are beyond the actual publicized intent of application capability
- g. Software that will not function properly with the operating system configured securely

2. BACKGROUND

DoDI 8500.2, Information Assurance (IA) control DCAS-1 requires the acquisition of all IA and IA-enabled Information Technology (IT) products that are Commercial Items (per FAR Part 2.101), be limited to products that have been evaluated or validated through one of the following sources – the International Common Criteria (CC) for Information Security Technology Evaluation Mutual Recognition Arrangement, the National IA Partnership (NIAP) Evaluation and Validation Program, or the Federal Information Processing Standards (FIPS) validation program. Paragraph 4.18 of DoD 8500.1 requires that IA-enabled IT products incorporated into Department of Defense (DoD) information systems be configured in accordance with DoD-approved security configuration guidelines.

3. CONTENT AND FORMAT

The Vendor Integrity Statements for trainer application software shall consist of the following certification, dated and signed by an authorized representative of the contractor, on company letterhead:

TO: NAWCTSD Orlando

RE: Vendor Integrity Statement for Software for Device XXXXX, under Contract N61340- XX-X-XXXX

I certify that for xxxx software (list all developed and public domain software items or attached a list), version xx, there are no elements that might be detrimental to the secure operation of the resource operating system. The software runs with the operating system configured according to NISPOM paragraph 8.201, Certification Process.

Signed

Company Representative

ANNEX TO EXHIBIT A00J**Platform Information Technology (PIT)
RISK APPROVAL (PRA) Request Package**

1. The PRA Request Package shall be submitted in the required format and number of copies of each format, as specified in BLK 14, in accordance with the following:
 - a. Draft copy. Unless otherwise specified, the document shall be provided in electronic format via the internet and/or email. Via internet/e-mail the document shall be protected using cryptography similar or equal to DoD Public Key Infrastructure (PKI).
 - b. Regular (Reg) copy. The document shall be provided in hard copy. Hard copies shall be of laser printer quality. The documents shall be bound. Hard copy submissions shall be submitted with the following characteristics:
 - 1) Font: Courier, 10 CPI
 - 2) Paper Size: 8 ½" wide by 11" high
 - 3) Top Bottom Margins: 1 inch
 - 4) Left/Right Margins: 1 inch
 - 5) Justification: Left
 - c. Reproducible (Repro) copy. Unless specified on the CDRL item, the document shall be submitted on CD-ROM. The document format shall be such that a hardcopy can be reproduced on a laser printer as follows. Each page of the document shall print on unreduced 8.5 x 11 – inch pages with one-inch margins. Text formatting, exclusive of titles, header, and other special effects, shall be 12 characters per inch, six lines per inch. Graphic portions shall print along with the text. Each file shall have a header page indicating the following:
 - Document name, date, and revision level.
 - File name, and all names of sub-files, which belong to the same document.
 - Appropriate security classification markings on the body of the document.
 - Author.
 - File revision history.
- Furthermore, each CD-ROM shall be labeled to indicate the following:
- Contract number.
 - CDRL item number.
 - CDRL item title, date, and revision level.
 - Security classification.
2. Data for the PIT Risk Approval (PRA) Package will be submitted using the PIT Risk Approval (PRA) Tool. Templates will be provided during the Post Award Conference or via <http://www.navair.navy.mil/nawctsd/Resources/Library/IA/Index.cfm>. The PIT Risk Approval (PRA) Package will include the following documents from the PIT Risk Approval (PRA) Tool-current version:
 - a. C&A Plan
 - b. Implementation Plan (DIACAP Package Template)
 - c. Validation Report (DIACAP Package Template)
 - d. System POA&M (DIACAP Package Template)
 - e. False Positives (DIACAP Package Template and Screenshots)
 - f. Test Plan (DIACAP Package Template)
 - g. Raw scan data files from IA scanning tools
 - h. Completed STIG checklists (Preferred method is DISA STIG Viewer http://iase.disa.mil/stigs/stig_viewing_guidance.html)

CONTRACT DATA REQUIREMENTS LIST (CDRL) <i>(1 Data Item)</i>						<i>Form Approved</i> <i>OMB No. 0704-0188</i>				
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A. CONTRACT LINE ITEM NO. 0003/0004/0005/0006			B. EXHIBIT A		C. CATEGORY: TDP TM OTHER <u>ENGINEERING DATA</u>					
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR				
1. DATA ITEM NO. A00K		2. TITLE OF DATA ITEM SCIENTIFIC AND TECHNICAL REPORTS				3. SUBTITLE REQUIREMENTS TRACEABILITY/VERIFICATION MATRIX (RTVM)				
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80711A				5. CONTRACT REFERENCE SOW PARA 3.2.2.2, 3.2.2.3		6. REQUIRING OFFICE NAWCTSD ENGR				
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY 5TIME/R	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION				
8. APP CODE A			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLK 16		a. ADDRESSEE		b. COPIES		
16. REMARKS 1. BLK 02: THE CONTRACTOR SHALL PROVIDE DELIVERABLE CDRL DOCUMENTATION WITHOUT PROPRIETARY FORMAT NOR INCORPORATE WORD PROCESSING EMBEDDED LINK TECHNOLOGY WHICH WOULD INHIBIT GENERATING AN OPTIMIZED PORTABLE DOCUMENT FORMAT (PDF) DOCUMENT FILE; IN WHICH THE ENTIRE DOCUMENT CONTENT IS VIEWABLE WITHIN THE PDF COMMERCIAL SOFTWARE APPLICATION. THE CONTRACTOR SHALL PROVIDE DELIVERABLE CDRL DOCUMENTATION WITHOUT READ/WRITE PERMISSION RESTRICTIONS AND PASSWORD PROTECTION ENABLED. 2. THE RTVM SHALL INCLUDE NAWCTSD DO SOW AND SPECIFICATION DERIVED REQUIREMENTS THAT ARE CROSS REFERENCED TO THE TESTS THAT VERIFY THE REQUIREMENTS ARE MET. TRACEABILITY SHALL BE TO THE LEVEL DEFINED WITHIN THE DO. EACH REQUIREMENT SHALL BE TRACEABLE BACK TO ITS PARENT REQUIREMENT(S) AND FORWARD TO ITS SUBSEQUENT TEST (VERIFICATION AND VALIDATION) MECHANISM. EACH TEST PROCEDURE AND SOFTWARE REQUIREMENT SHALL BE TRACEABLE BACK TO ITS PARENT DESIGN ELEMENT. 3. BLK 12: FIRST SUBMISSION SHALL BE DUE 30 CALENDAR DAYS PRIOR TO SRR AND SHALL INCORPORATE ALL REQUIREMENTS AND INCLUDE TRACEABILITY BETWEEN ALL REQUIREMENTS (SOW, PRF, AND CONTRACTOR DECOMPOSED AND DERIVED REQUIREMENTS). 4. BLK 13: SUBSEQUENT SUBMISSIONS SHALL BE AS FOLLOWS: A. SECOND SUBMISSION SHALL BE DUE 30 CALENDAR DAYS PRIOR TO THE PDR. B. THIRD SUBMISSION SHALL BE DUE 30 CALENDAR DAYS PRIOR TO CDR AND SHALL INCORPORATE TRACEABILITY TO THE PRELIMINARY TEST PROCEDURE. C. FOURTH SUBMISSION SHALL BE DUE 30 CALENDAR DAYS PRIOR TO THE TEST READINESS REVIEW (TRR) AND INCORPORATE TRACEABILITY TO DETAILED TEST PROCEDURES. REVISIONS SHALL BE DUE AS REQUIRED THROUGH END OF CONTRACT. D. FINAL SUBMISSION SHALL BE DUE 30 CALENDAR DAYS AFTER READY FOR TRAINING (RFT) 5. BLK 13: IF CDRL DOCUMENT IS REJECTED OR ACCEPTED WITH COMMENTS, THE CONTRACTOR SHALL RE-SUBMIT A CORRECTED PIT DESIGNATION REQUEST DOCUMENT INCORPORATING GOVERNMENT REVIEW COMMENTS AND SHALL BE DUE 30 CALENDAR DAYS FROM REJECTION OR ACCEPTANCE WITH COMMENTS LETTER. 6. REVISIONS SHALL BE DUE CONCURRENTLY WITH EACH DELIVERY OF TEST PROCEDURE SUBMISSION. REVISIONS DUE AS REQUIRED THROUGH THE END OF THE CONTRACT. 7. GOVERNMENT SHALL HAVE 30 CALENDAR DAYS FOR REVIEW AND ACCEPTANCE/REJECTION OF EACH SUBMISSION. 8. BLK 14: CONTINUATION PAGE A007 APPLIES FOR DELIVERY REQUIREMENTS. 9. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE 2007 FORMAT VIA EMAIL OR NAWCTSD INFO SHARE SITE IF AVAILABLE. CDRL DELIVERY NOTIFICATION SHALL BE PROVIDED VIA EMAIL. DISTRIBUTION E-MAIL ADDRESSES ARE LOCATED IN SECTION F OF THE CONTRACT SCHEDULE. 10. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE. DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY ADMINISTRATIVE OR OPERATIONAL USE. 01 MARCH 2012. OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.						NAWCTSD ENGR		1		1
						NAWCTSD SW		1		1
						NAWCTSD PJM		1		1
						NAWCTSD ILSM		1		1
						NAWCTSD PCO		LTR	ONLY	1
						NAWCTSD INFOSHARE		1		1
15. TOTAL →						5	0	6		
G. PREPARED BY Mark Reemsnyder, NAWCTSD 4.6.8.4				H. DATE May 1, 2013		I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA		J. DATE May 1, 2013		

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A. CONTRACT LINE ITEM NO. 0003/0004/0005/0006			B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER ENGINEERING DATA				
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR			
1. DATA ITEM NO. A00L	2. TITLE OF DATA ITEM TEST/INSPECTION REPORT				3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80809B			5. CONTRACT REFERENCE SOW PARA 3.2.7.5			6. REQUIRING OFFICE NAWCTSD ENGR			
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION			
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES	
16. REMARKS 1. BLK 02: THE CONTRACTOR SHALL PROVIDE DELIVERABLE CDRL DOCUMENTATION WITHOUT PROPRIETARY FORMAT NOR INCORPORATE WORD PROCESSING EMBEDDED LINK TECHNOLOGY WHICH WOULD INHIBIT GENERATING AN OPTIMIZED PORTABLE DOCUMENT FORMAT (PDF) DOCUMENT FILE; IN WHICH THE ENTIRE DOCUMENT CONTENT IS VIEWABLE WITHIN THE PDF COMMERCIAL SOFTWARE APPLICATION. THE CONTRACTOR SHALL PROVIDE DELIVERABLE CDRL DOCUMENTATION WITHOUT READ/WRITE PERMISSION RESTRICTIONS AND PASSWORD PROTECTION ENABLED. 2. BLK 10: TEST/INSPECTION REPORTS SHALL BE SUBMITTED AS REQUIRED TO SUPPORT DT EVENTS AND TO REVIEW REDLINE CORRECTIONS GENERATED AS A RESULT OF DEFICIENCIES DISCOVERED DURING DT/TRR EVENTS. 3. BLK 12: FIRST SUBMISSION SHALL BE DUE 45 CALENDAR DAYS PRIOR TO FIRST TEST READINESS REVIEW (TRR-1). 4. BLK 13: SUBSEQUENT SUBMISIONS SHALL BE DUE 15 CALENDAR DAYS AFTER THE TESTING EVENTS AS SPECIFIED IN THE DELIVERY ORDER. 5. BLK 13: IF CDRL DOCUMENT IS REJECTED OR ACCEPTED WITH COMMENTS, THE CONTRACTOR SHALL RE-SUBMIT A CORRECTED PIT DESIGNATION REQUEST DOCUMENT INCORPORATING GOVERNMENT REVIEW COMMENTS AND SHALL BE DUE 30 CALENDAR DAYS FROM REJECTION OR ACCEPTANCE WITH COMMENTS LETTER. 6. GOVERNMENT SHALL HAVE 10 CALENDAR DAYS FOR REVIEW AND ACCEPTANCE/REJECTION OF EACH SUBMISSION. 7. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE 2007 FORMAT VIA EMAIL OR NAWCTSD INFO SHARE SITE IF AVAILABLE. CDRL DELIVERY NOTIFICATION SHALL BE PROVIDED VIA EMAIL. DISTRIBUTION E-MAIL ADDRESSES ARE LOCATED IN SECTION F OF THE CONTRACT SCHEDULE. 8. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE. DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY ADMINISTRATIVE OR OPERATIONAL USE, 01 MARCH 2012. OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.						Draft	Final		
						NAWCTSD ENGR	1		1
						NAWCTSD PJM	1		1
						NAWCTSD ILSM	1		1
						NAWCTSD PCO		LTR	ONLY
						NAWCTSD INFOSHARE	1		1
						15. TOTAL	4		4
G. PREPARED BY Mark Reemsnyder, NAWCTSD 4.6.8.4			H. DATE May 1, 2013		I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA		J. DATE May 1, 2013		

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A. CONTRACT LINE ITEM NO. 0007			B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER ENGINEERING DATA							
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR						
1. DATA ITEM NO. A00M		2. TITLE OF DATA ITEM CONFIGURATION AUDIT SUMMARY REPORT				3. SUBTITLE						
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-81022C				5. CONTRACT REFERENCE SOW PARA 3.3.7		6. REQUIRING OFFICE NAWCTSD ENGR						
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED		10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION						
8. APP CODE	D		11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES				
16. REMARKS 1. BLK 02: THE CONTRACTOR SHALL PROVIDE DELIVERABLE CDRL DOCUMENTATION WITHOUT PROPRIETARY FORMAT NOR INCORPORATE WORD PROCESSING EMBEDDED LINK TECHNOLOGY WHICH WOULD INHIBIT GENERATING AN OPTIMIZED PORTABLE DOCUMENT FORMAT (PDF) DOCUMENT FILE; IN WHICH THE ENTIRE DOCUMENT CONTENT IS VIEWABLE WITHIN THE PDF COMMERCIAL SOFTWARE APPLICATION. THE CONTRACTOR SHALL PROVIDE DELIVERABLE CDRL DOCUMENTATION WITHOUT READ/WRITE PERMISSION RESTRICTIONS AND PASSWORD PROTECTION ENABLED. 2. BLK 12: SUBMISSION SHALL BE DUE THRITY (30) CALENDAR DAYS AFTER THE CONCLUSION OF THE PHYSICAL CONFIGURATION AUDIT (PCA). 3. BLK 13: IF CDRL DOCUMENT IS REJECTED OR ACCEPTED WITH COMMENTS, THE CONTRACTOR SHALL RE-SUBMIT A CORRECTED PIT DESIGNATION REQUEST DOCUMENT INCORPORATING GOVERNMENT REVIEW COMMENTS AND SHALL BE DUE 30 CALENDAR DAYS FROM REJECTION OR ACCEPTANCE WITH COMMENTS LETTER. 4. THE GOVERNMENT WILL HAVE THIRTY (30) CALENDAR DAYS FOR REVIEW AND ACCEPTANCE/REJECTION OF SUBMISSION. 5. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE 2007 FORMAT VIA EMAIL OR NAWCTSD INFO SHARE SITE IF AVAILABLE. CDRL DELIVERY NOTIFICATION SHALL BE PROVIDED VIA EMAIL. DISTRIBUTION E-MAIL ADDRESSES ARE LOCATED IN SECTION F OF THE CONTRACT SCHEDULE. 6. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE. DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY ADMINISTRATIVE OR OPERATIONAL USE, 01 MARCH 2012. OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.						Draft		Final		Reg	Repro	
						NAWCTSD ILSM						1
						NAWCTSD ENGR						1
						NAWCTSD PJM						1
						NAWCTSD PCO		LTR	ONLY			1
						15. TOTAL →						
G. PREPARED BY Mark Reemsnyder, NAWCTSD 4.6.8.4				H. DATE May 1, 2013	I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA		J. DATE May 1, 2013					

ANNEX TO EXHIBIT A00P**TEST & EVALUATION MASTER PLAN**

1. **Format.** The Test and Evaluation Master Plan shall be in the contractor's format and shall conform to the following:
2. **Page Size.** The plan shall be formatted for standard size paper, e.g., 8 ½ by 11 inches or metric A4 and include sequential page numbers. When printed, the pages securely bound together. If graphic material exceeds one page, it shall be one-way foldouts on paper not to exceed 11 by 17 inches. All attachments shall be identified and referenced in the text. Each section and paragraph shall be numbered.
3. **Table of Contents and Index.** If the plan is more than 30 pages in length, it shall contain a table of contents. If the plan is more than 120 pages in length, it shall also include an index.
4. **Revision History.** The plan shall have a revision history of changes made to the document. At a minimum the change history shall include the date of the change, the author, and summary of each change.
5. **Content Requirements:**
 - a. **Title page.** The title page shall include the following:
 - i. Identification of the Training System(s) or Program applicable
 - ii. Contractors Name
 - iii. Contract Number
 - iv. Security classification
 - v. Distribution statement as indicated in the CDRL
 - b. **Introduction.** The introduction shall describe the plan and its relationship to other elements of the total program plan. This section shall include definitions of inspection network/classes, integrated test planning, and development and production applicability.
 - c. **Test and evaluation program objectives.** The TEMP shall outline the contractor's plans in meeting the following objective:
 - i. Verification – the methods to ensure contractor designs are verified against the requirements to ensure performance is met.
 - ii. Confidence – the methods to ensure that defects in design and manufacturing are detected early in the test sequence.
 - iii. Minimum risk – the methods to ensure that proceeding with the program's next major effort will not uncover significant design inadequacies.
 - iv. Survival verification – the methods to ensure that the elements of the system survive the environments predicted to be encountered during transportation, handling, installation and field operation.
 - v. Compatibility and operation readiness verification – the methods to ensure the system and all its subsystems as built and assembled are compatible with each other and are capable of performing the required mission functions.
 - vi. Buy-off basis – the methods for acceptance and delivery of the system.
 - d. **Organizational responsibility and test management.** This section shall define the test management approach to provide for continuity of test effort and to arrange for the application of unique skills and experience to the test program. General and specific organization responsibilities of each contractor and agency shall be identified, as well as, the responsibilities of each participation organizations, i.e., Joint Test Group (JTG), if applicable.
 - e. **Flow diagram.** The plan shall include an overall flow diagram of the test and deployment program. This flow shall be sequentially arranged to include all significant test milestones and efforts in the development phase, associated with each class of test; hardware and software integration schedules; requirements for test concurrency; contractor/agency responsible for

- each test event; and any additional information which clarifies the description of the program.
- f. References. List all documents upon which the TEMP is based on which relate to any portion of the test effort.

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D. SYSTEM/ITEM			E. CONTRACT/PR NO. XXXXXXXXXX		F. CONTRACTOR																																																																																		
1. DATA ITEM NO. A00R	2. TITLE OF DATA ITEM SCIENTIFIC AND TECHNICAL REPORTS				3. SUBTITLE PLATFORM INFORMATION TECHNOLOGY (PIT) DETERMINATION REQUEST DOCUMENT																																																																																		
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80711A			5. CONTRACT REFERENCE SOW PARA. 3.1.4.1			6. REQUIRING OFFICE NAWCTSD ENGR																																																																																	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED		10. FREQUENCY 1TIME/R	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION																																																																																	
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. N/A		a. ADDRESSEE		b. COPIES																																																																															
16. REMARKS 1. THE CONTRACTOR SHALL DEVELOP AND DELIVER A PIT DETERMINATION REQUEST DOCUMENT FOR EACH TYPE TRAINER DELIVERED. 2. THE CONTENT OF THIS DATA ITEM SHALL BE IN ACCORDANCE WITH ANNEX TO EXHIBIT A00R. NETWORK DIAGRAMS SHALL BE IN ACCORDANCE WITH NTD-08-08. 3. BLK 12: FIRST SUBMISSION SHALL BE DUE 30 CALENDAR DAYS AFTER PRELIMINARY DESIGN REVIEW (PDR). IF PDR IS REQUIRED BY THE DO, OTHERWISE THE FIRST SUBMISSION SHALL BE DUE 30 CALENDAR DAYS AFTER SRR-2. 4. BLK 14: REPRODUCIBLE COPIES SHALL BE SUBMITTED IN MS OFFICE 2007 FORMAT VIA EMAIL OR NAWCTSD INFO SHARE SITE IF AVAILABLE. E-MAIL ADDRESSES ARE LISTED IN SECTION F OF THE CONTRACT. 5. THE GOVERNMENT SHALL HAVE 30 CALENDAR DAYS FOR REVIEW AND ACCEPTANCE/REJECTION OF SUBMISSION. 6. BLK 13: IF CDRL DOCUMENT IS REJECTED OR ACCEPTED WITH COMMENTS, THE CONTRACTOR SHALL RE-SUBMIT A CORRECTED PIT DESIGNATION REQUEST DOCUMENT INCORPORATING GOVERNMENT REVIEW COMMENTS AND SHALL BE DUE 30 CALENDAR DAYS FROM REJECTION OR ACCEPTANCE WITH COMMENTS LETTER. 7. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE: DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY ADMINISTRATIVE OR OPERATIONAL USE, 13 Apr 2009. OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, CODE 4.6.8.4, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.						NAWCTSD ENGR		1	1																																																																														
												NAWCTSD SW		1	1																																																																								
																		NAWCTSD PJM		1	1																																																																		
																								NAWCTSD IA ENGR		1	1																																																												
						G. PREPARED BY Rafael Rivera, NAWCTSD IAM			H. DATE 7 JUNE 2012		I. APPROVED BY NAWCTSD PD																																																																												

ANNEX TO EXHIBIT A00R
PIT DETERMINATION REQUEST DOCUMENT

1. The PIT Determination Request Document shall be submitted in the required format and number of copies of each format, as specified in BLK 14, in accordance with the following:

a. Draft copy. Unless otherwise specified, the document shall be provided in electronic format via the internet and/or email. Via internet/e-mail the document shall be protected using cryptography similar or equal to DoD Public Key Infrastructure (PKI).

b. Regular (Reg) copy. The document shall be provided in hard copy. Hard copies shall be of laser printer quality. The documents shall be bound. Hard copy submissions shall be submitted with the following characteristics:

- 1) Font: Courier, 10 CPI
- 2) Paper Size: 8 ½” wide by 11” high
- 3) Top Bottom Margins: 1 inch
- 4) Left/Right Margins: 1 inch
- 5) Justification: Left

c. Reproducible (Repro) copy. Unless specified on the CDRL item, the document shall be submitted on CD-ROM. The document format shall be such that a hardcopy can be reproduced on a laser printer as follows. Each page of the document shall print on unreduced 8.5 x 11 – inch pages with one-inch margins. Text formatting, exclusive of titles, header, and other special effects, shall be 12 characters per inch, six lines per inch. Graphic portions shall print along with the text. Each file shall have a header page indicating the following:

- o Document name, date, and revision level
- o File name, and all names of sub-files, which belong to the same document
- o Appropriate security classification markings on the body of the document: UNCLASSIFIED –

FOR OFFICIAL USE ONLY

- o Author
- o File revision history

Furthermore, each CD-ROM shall be labeled to indicate the following:

- o Contract number
- o CDRL item number
- o CDRL item title, date, and revision level
- o Security classification

2. Data for the PIT Determination Request shall be submitted using the PIT Risk Approval (PRA) Tool. The PIT Determination Request Package shall include the following documents from the PIT Risk Approval (PRA) Tool-current version:

- a. Platform Information Technology (PIT) Identification Profile (PIP)
- b. Phase 1- PIT Determination
 - 1) Platform IT Determination Checklist
 - 2) PIT Designation Template
 - 3) PIT Designation Brief Template
- c. Implementation Plan
- d. System Test Plan Template
- e. C&A Project Plan Template

CONTRACT DATA REQUIREMENTS LIST (CDRL) (1 Data Item)						Form Approved OMB No. 0704-0188			
The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.									
A. CONTRACT LINE ITEM NO. CLINS 0001 – 0008			B. EXHIBIT B		C. CATEGORY: TDP ____ TM ____ OTHER ADMINISTRATIVE DATA				
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR			
1. DATA ITEM NO. B001		2. TITLE OF DATA ITEM CONTRACTOR'S PROGRESS, STATUS AND MANAGEMENT REPORT				3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-80227				5. CONTRACT REFERENCE SOW PARA 3.1.1, 3.3.2.3, 3.3.3, 3.3.4		6. REQUIRING OFFICE NAWCTSD ENGR			
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED C		10. FREQUENCY MONTHLY	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION			
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES	
16. REMARKS 1. BLK 12: FIRST SUBMISSION SHALL BE DUE ON THE 5 TH DAY OF THE SECOND MONTH AFTER CONTRACT AWARD. 2. BLK 13: SUBSEQUENT SUBMISSIONS SHALL BE DUE BY THE 5 TH OF EACH MONTH THROUGH END OF CONTRACT. 3. THE GOVERNMENT WILL HAVE 15 DAYS FOR REVIEW AND ACCEPTANCE/REJECTION OF EACH SUBMISSION. 4. BLK 14: SUBMISSION SHALL BE IN MICROSOFT OFFICE 2007 FORMAT AND SHALL BE SUBMITTED VIA E-MAIL. EMAIL ADDRESSES ARE PROVIDED IN CONTRACT SCHEDULE. ALL SUBMISSIONS SHALL BE AVAILABLE FOR DOWNLOAD VIA NAWCTSD INFOSHARE WITH AN EMAIL NOTIFICATION TO BLK 14 ADDRESSEES. 5. ACCEPTANCE OF ANY PROGRESS REPORT WHICH INCLUDES INFORMATION CONCERNING CHANGES IN CONTRACT REQUIREMENTS/STANDARDS/SPECIFICATIONS DOES NOT CONSTITUTE GOVERNMENT AGREEMENT TO THOSE CHANGES. ONLY BY DIRECTION OF THE PROCURING CONTRACTING OFFICER CAN SUCH CHANGES BE MADE. 6. BLK 9: THE FOLLOWING STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE: DISTRIBUTION C – Distribution authorized to U.S. Government Agencies AND THEIR CONTRACTORS (ADMINISTRATIVE OR OPERATIONAL USE) (19 SEP 2011). Other requests FOR THIS DOCUMENT may be referred to the Commanding Officer, Naval Air Warfare Center, Training Systems Division, Attn: Alton Seamon, Code 1.3.6.2.1, 12350 Research Parkway, Orlando, FL 32826-3275.						Draft	Final		
						NAWCTSD PJM	1		1
						NAWCTSD ENGR	1		1
						NAWCTSD ILSM	1		1
						NAWCTSD PCO		LTR	ONL
						NAWCTSD INFOSHARE	1		1
						15. TOTAL	4		4
G. PREPARED BY PREPARER'S NAME, AIR-XXXX			H. DATE		I. APPROVED BY PJM'S NAME, AIR-XXXX		J. DATE		

CONTRACT DATA REQUIREMENTS LIST (CDRL) <i>(1 Data Item)</i>						<i>Form Approved</i> <i>OMB No. 0704-0188</i>					
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>											
A. CONTRACT LINE ITEM NO. CLINS 0001 – 0008			B. EXHIBIT B		C. CATEGORY: TDP ____ TM ____ OTHER ADMINISTRATIVE DATA						
D. SYSTEM/ITEM MRTS			E. CONTRACT/PR NO.			F. CONTRACTOR					
1. DATA ITEM NO. B002		2. TITLE OF DATA ITEM CONFERENCE AGENDA				3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81249A				5. CONTRACT REFERENCE SOW PARA 3.2.3			6. REQUIRING OFFICE NAVAIR TSD PJM				
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY AS REQ AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION					
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES			
16. REMARKS 1. BLKS 12/13: SUBMISSION SHALL BE DUE 15 DAYS PRIOR TO EACH SCHEDULED CONFERENCE THRU THE END OF THE CONTRACT. 2. THE GOVERNMENT SHALL HAVE 7 DAYS FOR REVIEW AND ACCEPTANCE/REJECTION OF EACH SUBMISSION.. 3. BLK 14: DUE VIA EMAIL IN MUTUALLY AGREEABLE FORMAT SUCH AS HTML OR MICROSOFT WORD.						Draft	Final				
						Reg	Repro				
15. TOTAL →						4	4	4			
G. PREPARED BY PREPARER'S NAME, AIR-XXXX				H. DATE		I. APPROVED BY PJM'S NAME, AIR-XXXX		J. DATE			

CONTRACT DATA REQUIREMENTS LIST (CDRL) (1 Data Item)						<i>Form Approved</i> OMB No. 0704-0188					
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>											
A. CONTRACT LINE ITEM NO. 0007		B. EXHIBIT C		C. CATEGORY: TDP _____ TM _____ OTHER PROVISIONING DATA							
D. SYSTEM/ITEM MULTI-RECONFIGURABLE TRAINING SYSTEM (MRTS)			E. CONTRACT/PR NO.			F. CONTRACTOR					
1. DATA ITEM NO. C001	2. TITLE OF DATA ITEM LOGISTICS MANAGEMENT INFORMATION (LMI) DATA PRODUCT(S)				3. SUBTITLE INITIAL SUPPORT KIT LIST (ISKL)						
4. AUTHORITY (Data Acquisition Document No.) DI-ALSS-81529			5. CONTRACT REFERENCE SOW PARA 3.3.6.1			6. REQUIRING OFFICE NAWCTSD MSS					
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY 3TIME/R	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION					
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES			
<p>16. REMARKS</p> <p>1. THE SPECIFIC REQUIREMENTS ARE PROVIDED IN THE ATTACHED ANNEX TO EXHIBIT C.</p> <p>2. BLK 12: FIRST SUBMISSION SHALL BE DUE 30 DAYS PRIOR TO GOVERNMENT PRELIMINARY EVALUATION (DT-1) AND SHALL CONTAIN ALL LOGISTICS MANAGEMENT INFORMATION (LMI) DATA PRODUCTS. SUBMISSION SHALL INCLUDE LONG LEAD ITEMS AND INDICATE THE MAJOR ASSEMBLY OF ITEMS BEING RECOMMENDED FOR SUPPORT AND SHALL INCLUDE ALL REQUIREMENTS INDICATED IN THE ANNEX TO EXHIBIT C.</p> <p>3. BLK 13: SECOND SUBMISSION SHALL BE DUE 30 DAYS PRIOR TO TRR-2. THE SUBMISSION SHALL CONTAIN THE SPARES AND REPAIR PARTS, AND ENGINEERING DATA FOR PROVISIONING AS AGREED UPON BY THE CONTRACTOR AND GOVERNMENT.</p> <p>4. BLK 13: THIRD SUBMISSION SHALL BE DUE 30 DAYS AFTER DEVICE ACCEPTANCE.</p> <p>5. BLK 13: REVISIONS DUE, AS REQUIRED, THROUGH END OF CONTRACT.</p> <p>6. THE GOVERNMENT SHALL HAVE 30 DAYS FOR REVIEW AND ACCEPTANCE/REJECTION OF THE SECOND SUBMISSION.</p> <p>7. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE.</p> <p>DISTRIBUTION STATEMENT D – DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES AND THEIR U.S. DoD CONTRACTORS ONLY (ADMINISTRATIVE OR OPERATIONAL USE) (30 APR 13). OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO THE COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, CODE 4616, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275</p>						NAWCTSD PJM		1			1
						NAWCTSD ILSM		1			1
						NAWCTSD ENGR		1			1
						NAWCTSD PCO			LTR		ONLY
						DV SITE (1 each)					
						15. TOTAL →					
G. PREPARED BY Francisco Roman Jr., MSS, 6.7.2.2			H. DATE 05/01/2013		I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA			J. DATE 05/01/2013			

**ANNEX TO EXHIBIT “C”
PROVISIONING REQUIREMENTS**

1. Initial Support Kit List (ISKL): The ISKL is comprised of the Initial Support Items (ISI), the Tools and Test Equipment (T&TE), and the Engineering Data for Provisioning (EDFP) as required (see paragraph #2).

Submissions shall be submitted electronically in the following format, and media.

X Microsoft Excel 2007

X Internet/Web OR E-MAIL

Microsoft Access 2007 X Compact Disk (ISO9660 CD-ROM)

	<u>DATA ELEMENT NAME/ COLUMN REQUIRED</u>	<u>ISKL</u>
	PLACE AN “X” TO INDICATE REQUIRED ELEMENTS IN THE ISKL. →	
1	PROVISIONING LIST ITEM SEQUENCE NUMBER (PLISN)	X
2	TYPE OF CHANGE CODE (TOCC)	X
3	MANUFACTURES CAGE/FSCM	X
4	ORIGINAL EQUIPMENT MANUFACTURE PART NUMBER, (OEM/P/N)	X
5	NOMENCLATURE	X
6	QUANTITY PER END ITEM (QPEI)	X
7	UNIT OF ISSUE (UI)	X
8	TOTAL QUANTITY RECOMMENDED (TQR)	X
9	UNIT OF ISSUE PRICE (UI PRICE)	X
10	TOTAL PRICE (TP)	X
11	NATIONAL STOCK NUMBER (NSN)	X
12	LONG-LEAD ITEM	X
13	ESSENTIALITY CODE (EC)	X
14	MEAN TIME BETWEEN FAILURES (MTBF)	X
15	PART AVAILABILITY CODE (PAC)	X
16	MANUFACTURES/ DISTRIBUTORS CAGE/FSCM 2	X
17	MANUFACTURERS/ DISTRBUTORS PART/MODEL NUMBER 2	X
18	MANUFACTURES/ DISTRIBUTORS CAGE/FSCM 3	X
19	MANUFACTURERS/ DISTRBUTORS PART/MODEL NUMBER 3	X
20	PROVISIONING REMARKS	X

2. ISKL (ITEMS MARKED WITH AN "X" ARE THE REQUIRED ELEMENTS IN THE ISKL):

The ISI shall be formatted in Top Down Break Down sequence with the next higher assembly part number and PLISN annotated in the remarks block.

Tools and Test Equipment shall be grouped and listed separately at the bottom of the ISKL. The PLISN for Tools and Test Equipment shall start with the Letter T (T001, T002). These are specialized tools and test equipment unique to the trainer.

Engineering Data for Provisioning (EDFP): EDFP, also known as identification data, is data necessary to identify the item completely and clearly for acquisition. EDFP shall consist of government or industry specifications or standards and may include drawings, schematics, or wiring diagrams. Such specific data may be derived from commercial catalogs and or commercial descriptions. The PLISN's and Part Numbers (P/N) listed on the ISI and T&TE shall match the PLISN's and P/N's embedded in the EDFP exactly. EDFP for computers shall at a minimum contain the computers configuration (Drives, CPU, add-ons, etc).The offeror may provide a direct P/N hyperlink within the ISKL to the EDFP.

3. Unit prices appearing on the ISKL shall be current catalog or market prices as of one month before date of submittal.

4. Connecting hardware such as screws, nuts, bolts, etc., will not be reflected on the ISKL.

5. When a kit is recommended on the ISKL, a complete listing of those components making up that kit shall immediately follow it. A Kit is a group of more than one items used to repair or assemble the next higher assembly. Items supplied as a kit shall be identified by a "K" placed as the first digit of the next higher indenture, with the kit having the primary PLISN Number and the kit components secondary number (example K001, K001A, K001B). Both the kit and the individual components shall contain all of the data required in accordance with Paragraph #1 of this Annex.

6. All items will be listed by Approved Item Name (AIN) noun nomenclature (i.e. Key, Socket Head screw; vs. Allen Wrench, etc.) as defined in the Federal Item Name Directory at <http://www.dlis.dla.mil/h6/>. Computer Hardware will reflect the delivered revision levels of all the lowest replaceable units (LRU's) identified for sparing

7. If an item on the ISKL has a MIL-Standard Part Number it shall be listed first followed by an actual manufacturer CAGE, and Reference Number as the second entry.

8. Unmodified Commercial Off-the-Self (COTS), computer and peripheral equipment shall be broken down to the LRU. GFE shall be listed as single line entry.

9. Each ISKL submission shall be preceded with a listing of Manufacturers CAGE Code, Name, Address, Telephone Number, FAX Number (if known), Internet Address, POC and Email Address.

DEFINITIONS

1. PROVISIONING LIST ITEM SEQUENCE NUMBER (PLISN): An alpha numeric sequentially assigned value for each item contained in the system/equipment breakdown (EXAMPLE-A001- Operator Rack/Column, B001- Maintenance Rack/Column, C001- IOS Rack/Column, etc... This alpha numeric format will allow for separate System Sorting.

OPERATOR RACK/COLUMN

A001 thru A999

A002-added spare

A001A thru A999Z, Omit (O & I)

To be used for A001 thru A999, if Spare Kits or Sub-Assemblies are required for each PLISN.

MAINTENANCE RACK/COLUMN

B001 thru B999

B002-added spare

B001A thru B999Z, Omit (O & I)

To be used for B001 thru B999, if Spare Kits or Sub-Assemblies are required for each PLISN.

IOS STATION

C001 thru C999

C002-added spare

C001A thru C999Z, Omit (O & I)

To be used for C001 thru C999, if Spare Kits or Sub-Assemblies are required for each PLISN.

Once, a PLISN NUMBER has been assigned to an item that number may not be used again.

2. TYPE OF CHANGE CODE (TOCC): This block, which is blank on initial submissions of provisioning data, shall be used as a type of change code to indicate deletions, modifications, typographical error, quantity changes (increase, decrease), and limited part applications as follows:

A - Added item

C - Cage code change

D - Indicates a deleted item

G - Deletion of a data element

L - Item is replaced during production and support of the old part may be required for prior production quantities

M - Indicates a modified item. Required to identify entries for those items changed as a result of either administrative or engineering requirements (not for initial entry of NSN) before or during production.

P - Reference number change

Q - Used to make quantity field changes.

T - Used to make a typographical error correction.

- 3. MANUFACTURES CAGE CODE:** A five-character code assigned by the Defense Logistics Information Service (DLIS) to the design control activity or actual Manufacturer/Supply Company of an item as contained in the Cataloging Handbook H4/H8 Series.
- 4. OEM PART NUMBER:** Is the actual Original Equipment Manufacture part, model or drawing number used by the manufacture to identify their item of supply.
- 5. ITEM NAME/NOMENCLATURE:** An identifying noun with appropriate adjective modifier, as contained in Federal Item Name Directory for Supply Cataloging, H6-1.
- 6. QUANTITY PER END ITEM:** The total number of times the line item is used in the complete system/equipment.
- 7. UNIT OF ISSUE (UI):** A code that indicates the UI quantity of an item. The UI quantity is the managing activity's established accounting unit upon which the smallest unit pack is based, or accountable records are maintained and requirements are computed. For applicable codes see DOD 4100.38-M.
- 8. UNIT OF ISSUE PRICE:** The price for one UI of an item. The last two positions of the field represent cents, and the decimal is understood.
- 9. TOTAL QUANTITY RECOMMENDED:** A recommended quantity of an items required to support a specific number of applications for a specific period of time. The applications may be to a weapon system, end item, component or combinations thereof, which are contained in the applicable contract.
- 10. TOTAL PRICE:** Is the total price after multiplying the "UI Price" and the "TQR". The last two positions of the field represent cents, and the decimal is understood.
- 11. NATIONAL STOCK NUMBER:** A number assigned under the Federal Cataloging Program/North Atlantic Treaty Organization (NATO) codification of equipment system to each approved item identification which provides a unique identification of an item of supply within a specified Federal Supply Classification (FSC).
- 12. LONG-LEAD ITEM:** Any items with delivery date of 12 months or longer from date of order, including all computer systems and display systems repairable.
- 13. ESSENTIALITY CODE:** A code to indicate the degree to which the failure of the part affects the ability of the end item to perform its intended operation.
- 1 - Failure to this part will render the end item inoperable.
 - 2 - Item does not qualify for the assignment of code 1, but is needed for personnel safety.
 - 3 - Item does not qualify for assignment of code 1, but is needed for legal, climatic, or other requirements peculiar to the planned operational environment of the end item.
 - 4 - Item does not qualify for the assignment of code 1, but is needed to prevent impairment of/or the temporary reduction of operational effectiveness of the end item.
 - 5 - Failure to this part will not render the end item inoperable.
- 14. MEAN TIME BETWEEN FAILURES (MTBF):** The average time a part/component can operate without failure. The MTBF is the number of failures divided by the number of hours the part/component has operated.

15. PART AVAILABILITY CODE: The Manufacture's estimated time before the part is discontinued and unavailable.

- 1 1 - 6 months
- 2 7 - 12 months
- 3 1 - 2 years
- 4 2 - 5 years
- 5 Greater than 5 years

16. SELF EXPLANATORY

17. SELF EXPLANATORY

18. PROVISIONING REMARKS: Narrative clarification of provisioning data.

CONTRACT DATA REQUIREMENTS LIST (CDRL) (1 Data Item)						Form Approved OMB No. 0704-0188			
The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.									
A. CONTRACT LINE ITEM NO. 0007		B. EXHIBIT D		C. CATEGORY: TDP ____ TM ____ OTHER LOGISTICS DATA					
D. SYSTEM/ITEM MULTI-RECONFIGURABLE TRAINING SYSTEM (MRTS)			E. CONTRACT/PR NO. N61340-		F. CONTRACTOR				
1. DATA ITEM NO. D001	2. TITLE OF DATA ITEM EQUIPMENT INVENTORY AND RECORD LIST				3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-ILSS-81251			5. CONTRACT REFERENCE SOW PARA 3.1.1.6.2, 3.3.7			6. REQUIRING OFFICE NAWCTSD ILSM			
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION			
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES	
16. REMARKS 8. BLKS 12/13: SUBMISSIONS SHALL BE DUE 15 CALENDAR DAYS PRIOR TO EACH SYSTEM INSTALLATION. 9. THE GOVERNMENT SHALL HAVE THIRTY (30) CALENDAR DAYS FOR REVIEW AND ACCEPTANCE/REJECTION OF EACH SUBMISSION. 10. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE 2007 FORMAT VIA NAWCTSD INFO SHARE SITE. CDRL DELIVERY NOTIFICATION SHALL BE PROVIDED VIA EMAIL. DISTRIBUTION E-MAIL ADDRESSES ARE LOCATED IN SECTION F OF THE CONTRACT SCHEDULE. 11. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE. DISTRIBUTION STATEMENT D – DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES AND THEIR U.S. DoD CONTRACTORS ONLY (ADMINISTRATIVE OR OPERATIONAL USE) 01 MAY 2013. OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO THE COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275.						Draft	Final		
						NAWCTSD ILSM			1
						NAWCTSD PJM			1
						NAWCTSD ISEO			1
						15. TOTAL →			
G. PREPARED BY M. Fountaine, NAWCTSD ILSM 6.6.4.10			H. DATE 5/1/2013		I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA			J. DATE 5/1/2013	

CONTRACT DATA REQUIREMENTS LIST (CDRL) (1 Data Item)						Form Approved OMB No. 0704-0188			
The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.									
A. CONTRACT LINE ITEM NO. 0007			B. EXHIBIT D		C. CATEGORY: TDP ____ TM ____ OTHER LOGISTICS DATA				
D. SYSTEM/ITEM MULTI-RECONFIGURABLE TRAINING SYSTEM (MRTS)			E. CONTRACT/PR NO. N61340-		F. CONTRACTOR				
1. DATA ITEM NO. D002		2. TITLE OF DATA ITEM TECHNICAL DIRECTIVE			3. SUBTITLE TRAINING CHANGE INSTRUCTION (TCI)				
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-81269B/TCI GUIDE			5. CONTRACT REFERENCE SOW PARA 3.3.7		6. REQUIRING OFFICE NAWCTSD ILSM				
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION			
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES	
16. REMARKS 1. BLKS 12/13: APPROVED SUBMISSIONS SHALL BE DUE 15 CALENDAR DAYS PRIOR TO EACH SYSTEM INSTALLATION. 2. THE GOVERNMENT SHALL HAVE THIRTY (30) CALENDAR DAYS FOR REVIEW AND ACCEPTANCE/REJECTION OF EACH SUBMISSION. 3. BLK 14: REPRODUCIBLE COPY SHALL BE SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE 2007 FORMAT VIA NAWCTSD INFO SHARE SITE. CDRL DELIVERY NOTIFICATION SHALL BE PROVIDED VIA EMAIL. DISTRIBUTION E-MAIL ADDRESSES ARE LOCATED IN SECTION F OF THE CONTRACT SCHEDULE. 4. BLK 9: THE FOLLOWING DISTRIBUTION STATEMENT SHALL BE INCLUDED ON THE DELIVERABLE. DISTRIBUTION STATEMENT D – DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES AND THEIR U.S. DoD CONTRACTORS ONLY (ADMINISTRATIVE OR OPERATIONAL USE) (01 MARCH 2012). OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO THE COMMANDING OFFICER, NAVAL AIR WARFARE CENTER, TRAINING SYSTEMS DIVISION, 12350 RESEARCH PARKWAY, ORLANDO, FL 32826-3275. 5. BLK 4: THE REQUIREMENTS OF OPNAVINST 11102.2 SERIES SHALL BE ADHERED TO IN THE CREATION OF THIS REPORT. FORMAT SHALL BE IAW SEA 07TR TRAINING CHANGE INSTRUCTION (TCI) GUIDE.						NAWCTSD ILSM			1
						NAWCTSD PJM			1
						NAWCTSD ISEO			1
						PMS 339			1
						15. TOTAL →			
G. PREPARED BY M. Fountaine, NAWCTSD ILSM 6.6.4.10			H. DATE 05/01/2013		I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA		J. DATE 05/01/2013		

CONTRACT DATA REQUIREMENTS LIST (CDRL) <i>(1 Data Item)</i>						<i>Form Approved</i> <i>OMB No. 0704-0188</i>			
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>									
A. CONTRACT LINE ITEM NO. 0007		B. EXHIBIT D		C. CATEGORY: TDP ____ TM ____ OTHER LOGISTICS DATA					
D. SYSTEM/ITEM MULTI-RECONFIGURABLE TRAINING SYSTEM (MRTS)			E. CONTRACT/PR NO. N61340-			F. CONTRACTOR			
1. DATA ITEM NO. D003	2. TITLE OF DATA ITEM TECHNICAL DIRECTIVE				3. SUBTITLE NAVSEA SUBMARINE TRAINING SYSTEM INSTALLATION PLAN (TSIP)				
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-81269B/TCI INSTRUCTION GUIDE				5. CONTRACT REFERENCE SOW PARA 3.3.7			6. REQUIRING OFFICE NAWCTSD ILSM		
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION			
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES	
								Draft	Final
							Reg		Repro
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						NAWCTSD PJM			1
						NAWCTSD ISEO			1
						PMS 339			1
G. PREPARED BY M. Fountaine, NAWCTSD ILSM 6.6.4.10				H. DATE 05/01/2013	I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA			J. DATE 05/01/2013	

CONTRACT DATA REQUIREMENTS LIST (CDRL) (1 Data Item)						Form Approved OMB No. 0704-0188			
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>									
A. CONTRACT LINE ITEM NO. 0003-0007		B. EXHIBIT D		C. CATEGORY: TDP _____ TM _____ OTHER LOGISTICS DATA					
D. SYSTEM/ITEM MULTI-RECONFIGURABLE TRAINING SYSTEM (MRTS)			E. CONTRACT/PR NO. N61340-			F. CONTRACTOR			
1. DATA ITEM NO. D004		2. TITLE OF DATA ITEM TECHNICAL DIRECTIVE				3. SUBTITLE TRAINING EQUIPMENT CHANGE DIRECTIVES (TECDs)			
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-81269B/NAWCTSD PREPARATION OF TECDs				5. CONTRACT REFERENCE SOW PARA 3.3.7			6. REQUIRING OFFICE NAWCTSD ILSM		
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D		10. FREQUENCY AS REQ AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION			
8. APP CODE			11. AS OF DATE	13. DATE IF SUBSEQUENT SUBM. SEE BLOCK 16		a. ADDRESSEE		b. COPIES	
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						NAWCTSD PJM			1
						NAWCTSD ISEO			1
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						15. TOTAL →			
G. PREPARED BY M. Fountaine, NAWCTSD ILSM 6.6.4.10				H. DATE 05/01/2013		I. APPROVED BY PAUL HONOLD, NAWCTSD UNDERSEA		J. DATE 05/01/2013	

Section K - Representations, Certifications and Other Statements of Offerors

CLAUSES INCORPORATED BY REFERENCE

52.209-2	Prohibition on Contracting with Inverted Domestic Corporations--Representation	MAY 2011
52.209-7	Information Regarding Responsibility Matters	FEB 2012
52.215-22	Limitations on Pass-Through Charges--Identification of Subcontract Effort	OCT 2009
252.209-7006	Limitations on Contractors Acting as Lead System Integrators	JAN 2008
252.227-7028	Technical Data or Computer Software Previously Delivered to the Government	JUN 1995

CLAUSES INCORPORATED BY FULL TEXT

252.204-7007 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (52.204-8) (MAY 2012) - ALT A (JUL 2012)

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is [541511].

(2) The small business size standard is [\$25.5 million].

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b)(1) If the clause at 52.204-7, Central Contractor Registration, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the clause at 52.204-7 is not included in this solicitation, and the offeror is currently registered in CCR, and has completed the ORCA electronically, the offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certification in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes:

(i) Paragraph (d) applies.

(ii) Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(c)(1) The following representations or certifications in ORCA are applicable to this solicitation as indicated:

(i) 52.203-2, Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless--

(A) The acquisition is to be made under the simplified acquisition procedures in Part 13;

(B) The solicitation is a request for technical proposals under two-step sealed bidding procedures; or

(C) The solicitation is for utility services for which rates are set by law or regulation.

(ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed \$150,000.

(iii) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the clause at 52.204-7, Central Contractor Registration.

(iv) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that--

(A) Are not set aside for small business concerns;

(B) Exceed the simplified acquisition threshold; and

(C) Are for contracts that will be performed in the United States or its outlying areas.

(v) 52.209-2, Prohibition on Contracting with Inverted Domestic Corporations--Representation. This provision applies to solicitations using funds appropriated in fiscal years 2008, 2009, 2010, or 2012.

(vi) 52.209-5, Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.

(vii) 52.214-14, Place of Performance--Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.

(viii) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.

(ix) 52.219-1, Small Business Program Representations (Basic & Alternate I). This provision applies to solicitations when the contract will be performed in the United States or its outlying areas.

(A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.

(B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.

(x) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract will be performed in the United States or its outlying areas.

(xi) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.

(xii) 52.222-25, Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at 52.222-26, Equal Opportunity.

(xiii) 52.222-38, Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial items.

(xiv) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA-designated items; or include the clause at 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.

(xv) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA- designated items.

(xvi) 52.225-2, Buy American Act Certificate. This provision applies to solicitations containing the clause at 52.225-1.

(xvii) 52.225-4, Buy American Act--Free Trade Agreements--Israeli Trade Act Certificate. (Basic, Alternates I,II and III) This provision applies to solicitations containing the clause at 52.225- 3.

(A) If the acquisition value is less than \$25,000, the basic provision applies.

(B) If the acquisition value is \$25,000 or more but is less than \$50,000, the provision with its Alternate I applies.

(C) If the acquisition value is \$50,000 or more but is less than \$77,494 the provision with its Alternate II applies.

(D) If the acquisition value is \$77,494 or more but is less than \$100,000 the provision with its Alternate III applies.

(xviii) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.

(xix) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan--Certification. This provision applies to all solicitations.

(xx) 52.225-25, Prohibition on Contracting with Entities Engaging in Sanctioned Activities Relating to Iran--Representation and Certification. This provision applies to all solicitations.

(xxi) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to--

(A) Solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions; and

(B) For DoD, NASA, and Coast Guard acquisitions, solicitations that contain the clause at 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns.

(2) The following certifications are applicable as indicated by the Contracting Officer:

[Contracting Officer check as appropriate.]

(i) 52.219-22, Small Disadvantaged Business Status.

(A) Basic.

(B) Alternate I.

(ii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.

(iii) 52.222-48, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment Certification.

- (iv) 52.222-52 Exemption from Application of the Service Contract Act to Contracts for Certain Services-- Certification.
 - (v) 52.223-9, with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (Alternate I only).
 - (vi) 52.227-6, Royalty Information.
 - (A) Basic.
 - (B) Alternate I.
 - (vii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.
- (d)(1) The following representations or certifications in ORCA are applicable to this solicitation as indicated:
- (i) 252.209-7001, Disclosure of Ownership or Control by the Government of a Terrorist Country. Applies to all solicitations expected to result in contracts of \$150,000 or more.
 - (ii) 252.209-7003, Reserve Officer Training Corps and Military Recruiting on Campus--Representation. Applies to all solicitations with institutions of higher education.
 - (iii) 252.216-7008, Economic Price Adjustment-Wage Rates or Material Prices Controlled by a Foreign Government. Applies to solicitations for fixed-price supply and service contracts when the contract is to be performed wholly or in part in a foreign country, and a foreign government controls wage rates or material prices and may during contract performance impose a mandatory change in wages or prices of materials.
 - (iv) 252.225-7042, Authorization to Perform. Applies to all solicitations when performance will be wholly or in part in a foreign country.
 - (v) 252.229-7012, Tax Exemptions (Italy)--Representation. Applies to solicitations when contract performance will be in Italy.
 - (vi) 252.229-7005, Tax Exemptions (Spain)--Representation. Applies to solicitations when contract performance will be in Spain.
 - (vii) 252.247-7022, Representation of Extent of Transportation by Sea. Applies to all solicitations except those for direct purchase of ocean transportation services or those with an anticipated value at or below the simplified acquisition threshold.
- (2) The following representations or certifications are applicable as indicated by the Contracting Officer: [Contracting Officer check as appropriate.]
- (i) 252.209-7002, Disclosure of Ownership or Control by a Foreign Government.
 - (ii) 252.225-7000, Buy American - Balance of Payments Program Certificate.
 - (iii) 252.225-7020, Trade Agreements Certification.
 - Use with Alternate I.
 - (iv) 252.225-7022, Trade Agreements Certificate - Inclusion of Iraqi End Products.
 - (v) 252.225-7031, Secondary Arab Boycott of Israel.
 - (vi) 252.225-7035, Buy American - Free Trade Agreements - Balance of Payments Program Certificate.
 - Use with Alternate I.
 - Use with Alternate II.
 - Use with Alternate III.
 - Use with Alternate IV.
 - Use with Alternate V.
- (e) The offeror has completed the annual representations and certifications electronically via the Online Representations and Certifications Application (ORCA) website at <https://www.acquisition.gov/>. After reviewing the ORCA database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in FAR 52.204-8(c) and paragraph(d) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer, and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [*offeror to insert changes, identifying change by provision number, title, date*]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR/DFARS Clause #	Title	Date	Change

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on ORCA.

5252.222-9501 IDENTIFICATION OF FIRST-TIER SUBCONTRACTORS FOR PRE-AWARD CLEARANCE PURPOSES (NAVAIR) (FEB 1995)

(a) In order to comply with the pre-award clearance requirement of FAR 22.805(a), the bidder/offeror will identify any first-tier subcontractors proposed and estimated at \$10,000,000 or more, including name, address, telephone number, place or places of performance, and the estimated amount of the subcontract (if known) in the space provided below:

(b) For the purpose of this clause, "subcontract" means any agreement or arrangement between a contractor and any person (in which the parties do not stand in the relationship of an employer and employee), (1) for furnishing of supplies or services or for use of real or personal property, including lease arrangements, that in whole or in part is necessary to the performance of any one or more Government contracts or (2) under which any portion of the contractor's obligation under any one or more Government contracts is performed, undertaken, or assumed. "Subcontractor" means any person who holds, or has held a subcontract subject to EO 11246. The term "first-tier subcontractor" means a subcontractor holding a subcontract with a prime contractor.

Section L - Instructions, Conditions and Notices to Bidders

CLAUSES INCORPORATED BY REFERENCE

52.214-34	Submission Of Offers In The English Language	APR 1991
52.214-35	Submission Of Offers In U.S. Currency	APR 1991
52.215-1	Instructions to Offerors--Competitive Acquisition	JAN 2004
252.227-7017	Identification and Assertion of Use, Release, or Disclosure Restrictions	JAN 2011

CLAUSES INCORPORATED BY FULL TEXT

52.215-20 REQUIREMENTS FOR CERTIFIED COST OR PRICING DATA OR INFORMATION OTHER THAN CERTIFIED COST OR PRICING DATA (OCT 2010)

(a) Exceptions from certified cost or pricing data.

(1) In lieu of submitting certified cost or pricing data, offerors may submit a written request for exception by submitting the information described in the following subparagraphs. The Contracting Officer may require additional supporting information, but only to the extent necessary to determine whether an exception should be granted, and whether the price is fair and reasonable.

(i) Identification of the law or regulation establishing the price offered. If the price is controlled under law by periodic rulings, reviews, or similar actions of a governmental body, attach a copy of the controlling document, unless it was previously submitted to the contracting office.

(ii) Commercial item exception. For a commercial item exception, the offeror shall submit, at a minimum, information on prices at which the same item or similar items have previously been sold in the commercial market that is adequate for evaluating the reasonableness of the price for this acquisition. Such information may include--

(A) For catalog items, a copy of or identification of the catalog and its date, or the appropriate pages for the offered items, or a statement that the catalog is on file in the buying office to which the proposal is being submitted. Provide a copy or describe current discount policies and price lists (published or unpublished), e.g., wholesale, original equipment manufacturer, or reseller. Also explain the basis of each offered price and its relationship to the established catalog price, including how the proposed price relates to the price of recent sales in quantities similar to the proposed quantities;

(B) For market-priced items, the source and date or period of the market quotation or other basis for market price, the base amount, and applicable discounts. In addition, describe the nature of the market;

(C) For items included on an active Federal Supply Service Multiple Award Schedule contract, proof that an exception has been granted for the schedule item. The offeror grants the Contracting Officer or an authorized representative the right to examine, at any time before award, books, records, documents, or other directly pertinent records to verify any request for an exception under this provision, and the reasonableness of price. For items priced using catalog or market prices, or law or regulation, access does not extend to cost or profit information or other data relevant solely to the offeror's determination of the prices to be offered in the catalog or marketplace.

(b) Requirements for certified cost or pricing data. If the offeror is not granted an exception from the requirement to submit certified cost or pricing data, the following applies:

(1) The offeror shall prepare and submit certified cost or pricing data, data other than certified cost or pricing data, and supporting attachments in accordance with the instructions contained in Table 15-2 of FAR 15.408, which is incorporated by reference with the same force and effect as though it were inserted here in full text. The instructions in Table 15-2 are incorporated as a mandatory format to be used in this contract, unless the Contracting Officer and the Contractor agree to a different format and change this clause to use Alternate I.

(2) As soon as practicable after agreement on price, but before contract award (except for unpriced actions such as letter contracts), the offeror shall submit a Certificate of Current Cost or Pricing Data, as prescribed by FAR 15.406-2.

52.233-2 SERVICE OF PROTEST (SEP 2006)

(a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the Government Accountability Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from

Naval Air Warfare Center Training Systems Division (NAWCSTD) Orlando
Contracting Officer – Rebeca Gonzalez, Code 25311
12350 Research Parkway
Orlando, FL 32826

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

<https://www.acquisition.gov/far/> or <http://www.farsite.hill.af.mil/>.

52.252-5 AUTHORIZED DEVIATIONS IN PROVISIONS (APR 1984)

(a) The use in this solicitation of any Federal Acquisition Regulation (48 CFR Chapter 1) provision with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the provision.

(b) The use in this solicitation of any **Defense Federal Acquisition Regulation** (48 CFR Chapter 2) provision with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

252.215-7008 ONLY ONE OFFER (JUN 2012)

(a) The provision at FAR 52.215-20, Requirements for Certified Cost or Pricing Data and Data other Than Certified Cost or Pricing Data, with any alternate included in this solicitation, does not take effect unless the Contracting Officer notifies the offeror that--

(1) Only one offer was received; and

(2) Additional cost or pricing data is required in order to determine whether the price is fair and reasonable or to comply with the statutory requirement for certified cost or pricing data (10 U.S.C. 2306a and FAR 15.403-3).

(b) Upon such notification, the offeror agrees, by submission of its offer, to provide any data requested by the Contracting Officer in accordance with FAR 52.215-20.

(c) If negotiations are conducted, the negotiated price should not exceed the offered price.

5252.215-9503 ANTICIPATED AWARD DATE (NAVAIR) (FEB 1995)

The anticipated award date for this requirement is 16 June 2014. This information is provided for use as a basis for schedules and burden (labor, overheads, G&A, etc.) mid-point calculations.

L - [1] CONTENT OF PROPOSALS (SUPPLIES)(JUN 2011)

PART A GENERAL INSTRUCTIONS

1.0 GENERAL

The Offeror is required to submit sufficient information concerning the following areas to enable Government personnel to fully ascertain capabilities of the Offeror to perform the requirements. The proposal must be sufficient in detail and scope to permit evaluation and provide the evaluators a clear understanding of the Offeror's capability to meet or exceed the defined elements as required by the solicitation. All proposals must clearly and convincingly demonstrate that the Offeror has a thorough understanding of the requirements, associated risks and is able, willing and competent to devote the resources necessary to meet the requirements, and that the Offeror has valid and practical solutions for all requirements and potential risk areas. Offeror must respond to all requirements of the solicitation and not alter or rearrange the solicitation. The Offeror has the burden of proof to demonstrate compliance with all the evaluation factors identified in this solicitation. The Offeror is advised that the Government may incorporate into the final contract enhancing features included in the Offeror's proposal deemed beneficial to the Government. With the exception of the Price/Cost volume, no cost or pricing information should appear in any volume. Alternate proposals *are not* acceptable.

In presenting material in the proposal, the Offeror is advised that quality of information is more important than quantity. Clarity, brevity, and logical organization should be emphasized during proposal preparation. The Offeror is responsible to present enough information to allow the Government to evaluate the proposed work effort, support, and approach, as well as the price/cost proposal without opening discussions. Though the Government reserves the right to hold discussions, award may be based upon initial offers. Statements that the prospective Offeror understands, or can and/or will comply with, the specifications, and paraphrasing the requirements or parts thereof without supporting information are considered inadequate by the Government, and may render a rating of unacceptable.

The Offeror must include any data that illustrates the adequacy of the various assumptions, approaches, and solutions to problems. Failure to address a specific factor or element clearly may be considered a deficiency. There is no need to repeat information in more than one volume. If an overlap exists, the detailed information must be included in the most logical place and summarized and referenced in other areas. Unnecessarily elaborate brochures or other presentation materials beyond that sufficient to present a complete and effective proposal is neither necessary nor desired.

The Offeror is expected to comply with all requirements of the RFP. The Government advises the Offeror that taking exception or deviating from any term or condition of the RFP may make an offer unacceptable, and the proposal unawardable, unless the RFP expressly authorizes such an exception or deviation with regard to that specific term or condition. The Government may consider any exception or deviation to any term or condition of the RFP that is not expressly authorized by the RFP to be a deficiency.

Throughout these instructions, a "principal subcontractor" is defined as a subcontractor who provides at least 10% of the proposed total price/cost (excluding the Offeror's profit/fee), for the contract. "Team member" is defined as those entities that make up a joint venture or any other legal partnership or teaming arrangement formed for the purpose of responding to this solicitation. A team member also could be a corporate parent, division, subsidiary, or affiliate.

2.0 PROPOSAL FORMAT

Written proposals must be formatted using a Times New Roman 12 pt normal font (no reduction permitted), single-spaced with 1-inch margins all around, and formatted for standard 8.5 x 11 inch paper. All pages should be numbered with section and page numbers. When foldout pages are used they must not exceed 11 x 17 inches and will be counted as 1 page. Drawings may be provided separately and may be any size, but should be folded to approximately 8.5 x 11 inch standard size and will count as 1 page. Graphs shall be presented in no smaller than a 10 pt font and should contain a grid, which allows values to be read directly from the graph to the same accuracy that a 10 x 10 to the ½ inch grid provides. Graphic resolution should be consistent with the purpose of the data presented.

The Offeror will provide one complete copy of the written proposal to the Procuring Contracting Officer PCO as electronic files fully compatible with Microsoft Office 2003 and for information not supported by MS Office products, with the latest Adobe Acrobat reader on a CD-ROM. The Offeror will ensure that the Price/Cost Volume is provided on a separate CD-ROM. Each CD-ROM is to be labeled for content and the Offeror's name. If a discrepancy exists between the original paper copy of the proposal and the disk copy, the paper copy will take precedence.

The Offeror must present proposal information in a manner that facilitates a one-to-one comparison between the information presented and this Proposal Instruction. Proposal information must be structured such that its paragraph number/letter is identical to the Proposal Instructions paragraph number to which it is responding, although the Offeror may add lower tier subparagraphs. The Offeror must provide reasons it will not provide information for a particular paragraph. The proposal information instructions are structured by paragraph numbers where first, second, third, and fourth parts correspond to the volume, book, section, and element, etc., in Offeror's proposal.

3.0 PROPOSAL CONTENT AND VOLUMES

Each volume of the proposal shall be submitted as one original and additional copies as specified in the table below. All volumes of the original proposal shall be delivered to the address provided in Section 4.0 prior to the closing date/time stated in this solicitation. Page limitations for each volume if any, are also specified in the table below; title and table of contents pages do not count towards page limit. Proposal pages beyond the specified maximum limit will not be reviewed as part of the evaluation.

Volume Number	Volume Title	Maximum Page Limit	Copies Required
1	TECHNICAL/MANAGEMENT	150*	Paper Copies: 1 Original/2 Copies Electronic Copy: 1 Original
2	PRICE/COST & ADMINISTRATIVE	As needed	Paper Copies: 1 Original/1 Copy Electronic Copy: 1 Original
3	PAST PERFORMANCE	As needed	Paper Copies: 1 Original/1 Copy Electronic Copy: 1 Original

*Page limitation does not include personnel allocation matrix or Software Development Plan

Each volume shall contain the following information:

- Cover and title page
- Title of proposal and proposal number as applicable
- Offeror's name, address and POC
- RFP number

Proposal volume/book number
Copy number
Table of Contents (The table of contents must provide sufficient detail to enable easy location of important elements)
Use tabs and dividers

4.0 PROPOSAL SUBMISSION:

Clearly mark all packages with the solicitation number. The submission date for all Volumes shall be no later than the date and time specified in Block 9 of Standard Form 33 of the RFP.

Offeror shall submit proposals via United States Postal Service or through a commercial carrier using the address provided below. Offeror shall not submit proposals by facsimile or electronically via email.

Naval Air Warfare Center Training Systems Division (NAWCTSD) Orlando – Contracts Division
ATTN: Ricardo Elias, Code: 25311
12350 Research Parkway
Orlando, FL 32826-3725
Solicitation Number: N61340-14-R-2401

If the proposal or Final Proposal Revision (if and when a Final Proposal Revision is requested) is hand carried, the offeror shall notify the cognizant Contract Specialist at least one (1) business day prior to the closing date/time specified in Block 9 of the Standard Form 33 or as specified in the amendment/letter requesting Final Proposal Revisions. Offerors will be required to supply the Contract Specialist (or as an alternate, the PCO listed under FAR Clause 52.233-2 in section L) with the name, citizenship, and telephone number of all the individuals that will be present to hand deliver the proposal in order to prepare the necessary Visit Request(s) prior to arrival. Hand deliveries shall be made to the following address: Naval Air Warfare Center, Training Systems Division, DeFlorez Building, 12350 Research Parkway, Orlando, FL 32826. Naval Air Warfare Training Systems Division (NAWCTSD) – Orlando is a secure facility and all visitors will be stopped by security personnel upon entrance. Only authorized visitors will be permitted to enter. Upon admittance, Offerors are required to report to the lobby of the DeFlorez Building and contact the cognizant Contract Specialist to accept the proposal submission (a telephone is available in the lobby to place calls within the building). Please note center security personnel are not authorized to accept proposals. Do not use the Bid Box near the Business Information Center to deposit hand carried proposals (only for sealed bid procurements). Do not use the wooden mail box located on the counter to deposit hand carried proposals (only for documents that are NOT time sensitive). The Contract Specialist will provide the offeror with documentation reflecting the date and time the proposal submission was received for the offeror's records.

5.0 PROPOSAL PACKAGING:

The offerors shall package the proposal volumes in cartons or equivalent packaging containers in the most efficient manner possible grouping like volumes to the maximum extent possible. Also each carton shall be single person portable. However, the Master Set, as described below, shall be packaged separately and marked as the Master Set. Each box should include a packing slip detailing the contents to include the volume number, title, and copy number. Also, each box should be stamped or marked "For Official Use Only" and "Source Selection Information -- See FAR-2.101 and 3.104". The Master Set shall include all original proposal volumes including the original/signed documents.

6.0 CLASSIFIED DATA

All proposals must be UNCLASSIFIED

7.0 SOLICITATION CHANGES

For any changes and additional information for the solicitation please go to website:

www.fbo.gov or www.neco.navy.mil

8.0 ACCESS TO GOVERNMENT FURNISHED INFORMATION (GFI):

Offerors are invited to inspect a previous MRTS product's source code and documentation, including operations and maintenance technical manuals. These materials will be made available for viewing at NAWCTSD during the solicitation phase. Potential offerors shall request a time reservation no later than **15 November 2013** (approximately 5 work days after RFP release). All offerors requesting access shall be registered in the System for Award Management (SAM). All offerors will be allotted approximately 16 hours of viewing availability which can be divided into two days. No recording devices will be allowed, but note taking is permitted. All personnel provided access to GFI shall be a U.S. citizen. Submit visit requests to Ricardo Elias, Ricardo.L.Elias@navy.mil.

Additionally, Training System Support Documents (TSSDs) and System Interface Manuals (SIMs) of several existing trainers will be made available via CD to offerors. Instructions and requirements to gain access are located at Attachment 7, Government Furnished Information (GFI) request and Non-Disclosure Agreement (NDA).

9.0 SOLICITATION QUESTIONS

(a) Questions regarding this solicitation shall be submitted in writing using the Solicitation Question Form (Attachment 8). The Government may answer questions prior to the deadline for proposal submission provided that those questions are received no later than 21 days following the Final RFP release date. Questions shall be e-mailed to Ricardo.L.Elias@navy.mil. Answers to questions will be posted via formal RFP amendments, therefore do not include proprietary information in your questions.

(b) The Government reserves the right not to respond to any questions concerning this solicitation received after the time frame specified above. Accordingly, offerors are encouraged to carefully review all solicitation requirements and submit questions to the Government early in the proposal preparation cycle.

PART B SPECIFIC INSTRUCTIONS

1.0 VOLUME 1: FACTOR A – TECHNICAL/MANAGEMENT

Note: This volume shall not contain any reference to cost or price aspects of the offer.

In this Volume, the Offeror shall describe the technical proficiency, capabilities, and management approach proposed by the Offeror to fulfill the requirements of the solicitation. Throughout this Volume the Offeror shall demonstrate an understanding of the requirements specified in the RFP, SOW, and SOW references and address any risks and associated risk mitigation plans.

The offeror shall provide all information and data required to conduct a thorough and complete technical evaluation. The offeror shall address the following in the proposal:

Element 1.1 - Management

The offeror shall provide a detailed management process that will be followed during contract execution. The offeror's management process must include, at a minimum:

- A. Organizational Structure: Provide:

- i. A descriptive organizational chart and supporting narrative outlining how the offeror management team will manage all the contract requirements within the SOW
 - ii. Description of direct lines of control, responsibilities, functional relationships, and clearly defined levels of decision authority between the offeror's management team and technical team for executing all the contract requirements within the SOW
 - iii. Description of all proposed interfaces between the contractor and the Government, and between the contractor and subcontractors
- B. Management Approach: Provide:
- i. Description of how the offeror intends to administer and control delivery order resource allocation among multiple concurrent delivery orders and core software sustainment
 - ii. Description of how the offeror intends to measure and report progress of performance in accomplishing delivery order and core software support
- C. Start up/Transition Plan: Provide:
- i. A detailed plan and schedule describing how the offeror intends to start up operations and be fully operational to meet the requirements of the SOW 30 days from issuance of the post award conference (PAC) delivery order. The plan should include addressing security concerns outlined in section 3.1.2, ability to receive, operate, and maintain GFE outlined in section 3.1.1.5 and Table A-V, and develop software per CLINs 0103-0105. Include an effective date for when the offeror would be ready to process classified information per sections 3.1.2.
 - ii. Describe how the offeror intends to address the testing events of a delivery while under a government-restricted travel environment described in section 3.2.7.4.1.
 - iii. A transition plan showing how the offeror will ensure a smooth transition at the end of the contract including return of all GFE/GFI.
- D. Software Development Plan: Provide a proposed Software Development Plan IAW CDRL A003 Software Development Plan (SDP), in Section J of this solicitation.

Element 1.2 – Personnel Allocations

The offeror shall provide a Personnel Allocation Matrix for the following CLINs:

CLIN 0102 Core Sustainment (FFP) and out years (0202, 0302, 0402, 0502)

CLIN 0103 Software Development Products (FFP) and out years (0203, 0303, 0403, 0503)

CLIN 0104 Software Development Products (CPFF) and out years (0204, 0304, 0404, 0504)

CLIN 0105 Software Upgrade Products (FFP) and out years (0205, 0305, 0405, 0505)

CLIN 0106 Hardware System Development and/or Technical Refresh (FFP) and out years (0206, 0306, 0406, 0506)

CLIN 0107 Documentation (FFP) and out years (0207, 0307, 0407, 0507)

CLIN 0108 System Administration (SA) / Information Assurance (IA) (FFP) and out years (0208, 0308, 0408, 0508)

The offeror shall provide a Personnel Allocation Matrix as part of the proposal, utilizing the below sample table to identify and describe (prime and subcontractors) proposed labor categories and labor hours per CLIN. For CLIN 0102, multiply the hours for each labor category proposed to fulfill the requirements outlined in SOW paragraph 3.3.2, by the quantity multiplier (months) in section B of this solicitation. For CLINs with Sample Tasks, 0103, 0104, 0105, 0106, 0107, 0108 and out years), multiply the hours proposed for each labor category sample task by the quantity multiplier noted in Section B of this solicitation. The offeror shall include all projected labor categories that are necessary in fulfilling these CLIN requirements. This may include additional labor categories beyond those labor categories proposed for the sample tasks.

NOTE: Estimated quantities cited in Section B are to depict the amount of effort that is anticipated to be ordered under each CLIN and are not hard constraints. This information is for proposal and technical evaluation purposes only.

Personnel Allocation Matrix Table (SAMPLE)

CLIN	Labor Categories	Labor Category Description	Qualifications & Experience	Educational Background	Est Labor Hours	Labor Availability
0102	Program Manager	<ul style="list-style-type: none"> • Technical accountability over the entire project • Organization and program planning for the project • Develops Program Cost Estimates • Develops Program Key milestones and Schedules • Supervises contractor personnel assigned to the project • Develops and maintains Quality Management Processes • Develops and oversees Configuration Control processes • Develops and oversees Risk Management processes 	Six (6) years of cumulative experience in training simulation, commercial and advanced and training technology, training support, and training evaluation management.	MBA	1920	Currently Available
	System Administrator	<ul style="list-style-type: none"> • System administration functions to support up to fifteen government computer systems, one primary configuration management server(s), and backup servers. • Maintain on- and off-site backups of all software and documentation 	Three (3) years of directly applicable experience operating and maintaining local area network.	BS in systems engineering	960	New Hire
0103						
0104						
0105						
0106						
0107						
0108						

Amplifying information for each element of the Personnel Allocation Matrix is found below:

- A. **Labor Categories:** Identify labor categories (prime and subcontractors) proposed to execute the tasking associated with CLINs listed above. PLEASE NOTE: If you propose an additional labor category that is not captured in Sample Tasks in Element 1.3 – Technical Approach, please provide rationale for the inclusion of the labor category below the Personnel Allocation Table. Rationale shall include specific SOW references that would justify an additional labor category not captured under the sample tasks referenced in Section L Part B, Volume 1, Element 1.3 Technical Approach, as well as any additional substantiation for the necessity of its inclusion in Attachment 2 of the RFP, Resource Allocation Matrix (why a different labor category included in the sample task can't adequately perform the requirement this specific proposed labor category can).
- B. **Labor Category Descriptions:** Describe the labor categories to a level of detail that demonstrates how minimum requirements will be met, and any unique attributes, knowledge, skills, abilities, or talents applicable to the tasking in each CLIN. If the offeror proposes a subcontractor or teaming approach, identify the same level of detail for subcontractors
- C. **Qualifications and Experience:** Provide minimum qualifications and experience needed for each labor category.

- D. Educational Requirement: Provide minimum educational requirements, degree, degree areas, and applicable certifications that are needed for each labor category.
- E. Labor Hours: Identify the proposed labor hours per labor category required to execute the tasking associated with each CLIN in the RFP for one year of the contracted effort. If the offeror proposes a subcontractor or teaming approach, identify the same level of detail for subcontractors. For CLIN 0102, multiply the hours for each labor category proposed to fulfill the requirements outlined in SOW paragraph 3.2.2, by the quantity multiplier (months) in section B of this solicitation. For CLINs with Sample Tasks (0103, 0104, 0105, 0106, 0107, 0108), multiply the hours proposed for each labor category to satisfy the sample task by the quantity multiplier noted in Section B of this solicitation.
- F. Labor Availability: Identify how many personnel per labor category are currently available to fulfill the estimated requirements and how many new hires are required to fully staff the proposed amount of labor hours.

Element 1.3 - Technical Approach

The offeror shall describe / illustrate a technical approach to accomplish the SOW requirements identified below, including innovations and any unique capabilities / qualifications that will demonstrate the offeror's recognition and understanding of the contractual requirements.

- A. Core Sustainment (FFP): Describe the technical approach, processes, procedures, methods, and steps the offeror will employ to accomplish the requirements listed in SOW paragraph 3.3.2.
- B. Software Development Products (FFP/CPFF): These sample tasks are representative of the types of software delivery orders that will be issued to fulfill requirements specified in the RFP, SOW, and SOW references. Describe the technical approach, processes, procedures, methods, and steps the offeror will employ to accomplish the sample tasks listed below. Include the following elements in the proposed technical approaches (as applicable):
- i. Requirements analysis and derivation
 - ii. Engineering and design approach
 - iii. IA controls and certification
 - iv. Testing
 - v. Configuration Management
 - vi. Risk Management
 - vii. labor categories with associated hours required to accomplish each sample task (#1 and #2), using the Personnel Allocation Matrix, broken down by elements i-vi
1. Describe the approach for developing MRTS software products, as outlined in SOW paragraph 3.3.3.

Sample Task #1 – Develop a software product from a Software Requirements Specification (SRS) (FFP)

<p>The SSN Replacement Common Radio Room (SRCRR) has been developed for deployment to U.S. Navy submarines. The MRTS program has been tasked with creating a training simulation of the SRCRR configuration for use in a new MRTS training device, which will be compatible with existing MRTS trainer hardware and design methodologies; however, a new Windows 7 operating system baseline will need to be established with all applicable information assurance (IA) updates included. The SRCRR simulation will support operator training. Minimal configuration and equipment changes are anticipated over the development cycle. Travel to a Navy facility will be required to support data collection to support requirements derivation.</p>

<p>A SRCRR SRS has been developed documenting high level requirements. Requirements derivation will be required to support software development. The MRTS SCSS simulation models many of the components of the SRCRR tactical system, and the MRTS SCSS V2.4.3 baseline, along with the MRTS framework project, is chosen as the starting point for development to minimize development</p>

costs. The MRTS SCSS V2.4.3 baseline is approximately 130K lines of code across MRTS developed and third party software. The differences between the SCSS and the SRCRR are:

- The "Submarine Radio Patch Console (SRPC)" will replace the baseband switch (project BBScomputer).
- The "RHF Communications Terminal (RCT)" will replace the FOT (projects FOT_n10).
- The "HF-725" will replace the URT-23 (project AM3924).
- The "UHF Submarine Sub-System(USSS)" will replace Mini-Dama (projects MD1054, MD1293, and MDGUIV3).
- The "New and Improved Fiber Hub" will replace the "Fiber Hub" (project FiberHub).
- The "Cisco 4800" will replace the "Cisco 3600" (project C13620).

The current software projects are listed with each element and correspond to directories in the source code. The level of effort to develop each product is roughly equivalent to the effort required to develop the replaced component. The layout of SRCRR equipment is completely different from the SCSS. The fault list is the same, however, some faults now reference the new equipment and must be modified to account for new interfaces. Software documentation (SRS and SDD) shall be included for all new components to support SETR events.

Also included in this task is the development of a 3D model of the Cisco 4800 Router. This is a fictitious device used for sample estimation purposes only. The model should include rack mount rails with the ability to extend and retract. It should allow for the removal and installation of the cover using a tool as described in the MRTS Maintenance Documentation for Device 21H45 (assume the cover is held on with 4 screws on the back), disconnecting and attaching three 15-pin ribbon style cables on the main board that are anchored on the other end, manipulating a single module of 10 dip switches on the main board, and replacing a memory module from the main board. All objects should be textured with high resolution, photo quality images of the device. Note: This part of the sample task only involves the development of model(s). Software development is not required.

Describe the steps and processes you would use to develop the simulation software under the terms of a FFP contract with a required delivery date of 12 months. This task does not need to include the actual installation at the school training sites, but only take the software upgrade to the point of and including Test Readiness Review #2 (TRR-2). Include SRR, PDR, CDR, DT-2 (Contractor Preliminary Inspection), TRR-1 (exit criteria includes satisfactory deficiency and configuration management review), a combined DT-3 (Government Preliminary Inspection, software only) and DT-4 (Contractor Final Inspection, software only) event accounting for all entrance/exit criteria listed for each event, and TRR-2 (exit criteria includes satisfactory deficiency and configuration management review). The MRTS Integration Laboratory will be available to support the task. Test plans and procedures will be prepared for the software products identified in this sample task. For simplicity, assume each device will be tested on its own. Test procedures are not required for devices that contain unmodified requirements (i.e. not on the list above). Assume that system tests already exist for the trainer as part of the previous baseline and only require modification for the new device features. A test report will be required at each TRR event.

The following CDRLs are required by this sample task:

1. A001 Test Plan
2. A002 Test Procedure
3. A005 Software Requirements Specification
4. A007 Software Design Description
5. A008 Software Version Description
6. A00C Computer Software Product End Items
7. A00K Requirements Traceability Verification Matrix (RTVM)
8. A00L Test Inspection Report

- | | | |
|-----|------|-------------------------------------|
| 9. | B001 | Contractor Status Reports |
| 10. | B002 | Conference Agenda |
| 11. | B003 | Conference Minutes |
| 12. | B004 | Contractor Work Breakdown Structure |

NOTE: This is a fictional task with fictitious devices; however, the SCSS code will be available for review and is real (Attachment 7 of this RFP).

2. Describe the approach for developing MRTS software products, as outlined in SOW paragraph 3.3.4, highlighting the differences in your development processes to account for concurrent development with the tactical system. This sample task is intended to reflect a CPFF delivery order as outlined in SOW paragraph 3.3.4.

Sample Task #2 – Develop a software product from a Software Requirements Specification (SRS) (CPFF)

The SSN Replacement Common Radio Room (SRCRR) is in development for deployment to U.S. Navy submarines. The MRTS program has been tasked with creating a training simulation of the SRCRR configuration in parallel with the tactical development for use in a new MRTS training device, which will be compatible with existing MRTS trainer hardware and design methodologies; however, a new Windows 7 operating system baseline will need to be established with all applicable information assurance (IA) updates included. The SRCRR simulation will support operator training. Several configuration and equipment changes are anticipated over the development cycle. Travel to a Navy facility will be required to support data collection to support requirements derivation.

A SRCRR SRS has been developed documenting high level requirements; however, changes are anticipated to some devices. Requirements derivation will be required to support software development and will require continuous monitoring to support expected equipment and requirements changes. The MRTS SCSS simulation that models many of the components of the SRCRR tactical system, and the MRTS SCSS V2.4.3 baseline, along with the MRTS framework project, is chosen as the starting point for development to minimize development costs. The MRTS SCSS V2.4.3 baseline is approximately 130K lines of code across MRTS developed and third party software. The differences between the SCSS and the SRCRR are:

- The "Submarine Radio Patch Console (SRPC)" will replace the baseband switch (project BBScomputer).
- The "LHF Communications Terminal (LCT)" will replace the FOT (projects FOT_n10). Note: SPAWAR is currently developing the LCT tactical system. The contractor shall develop in parallel with the tactical system.
- The "HF-725" will replace the URT-23 (project AM3924).
- The "UHF Submarine Sub-System(USSS)" will replace Mini-Dama (projects MD1054, MD1293, and MDGUIV3).
- The "New and Improved Fiber Hub" will replace the "Fiber Hub" (project FiberHub).
- The "Cisco 4800" will replace the "Cisco 3600" (project C13620).

The current software projects are listed with each element and correspond to directories in the source code. The level of effort to develop each product is roughly equivalent to the effort required to develop the replaced component. The layout of SRCRR equipment is different from the SCSS. The fault list is

the same, however, some faults now reference the new equipment and must be modified to account for new interfaces. Software documentation (SRS and SDD) shall be included for all new components to support SETR events.

Describe the different steps and processes from Sample Task #1 you would use to develop the simulation software under the terms of a CPFF contract with a required delivery date of 12 months. This task does not need to include the actual installation at the school training sites, but only take the software development to the point of and including Test Readiness Review #2 (TRR-2). Include those factors that would be different from sample task #1 in regards to SRR, PDR, CDR, DT-2 (Contractor Preliminary Inspection), TRR-1 (exit criteria includes satisfactory deficiency and configuration management review), a combined DT-3 (Government Preliminary Inspection, software only) and DT-4 (Contractor Final Inspection, software only) event accounting for all entrance/exit criteria listed for each event, and TRR-2 (exit criteria includes satisfactory deficiency and configuration management review). The MRTS Integration Laboratory will be available to support the task. Test plans and procedures will be prepared for the software products identified in this sample task. For simplicity, assume each device will be tested on its own. Test procedures are not required for devices that contain unmodified requirements (i.e. not on the list above). Assume that system tests already exist for the trainer as part of the previous baseline and only require modification for the new device features. A test report will be required at each TRR event.

The following CDRLs are required by this sample task.

1. A001 Test Plan
2. A002 Test Procedure
3. A005 Software Requirements Specification
4. A007 Software Design Description
5. A008 Software Version Description
6. A00C Computer Software Product End Items
7. A00K Requirements Traceability Verification Matrix (RTVM)
8. A00L Test Inspection Report
9. B001 Contractor Status Reports
10. B002 Conference Agenda
11. B003 Conference Minutes
12. B004 Contractor Work Breakdown Structure

NOTE: This is a fictional task with fictitious devices; however, the SCSS code will be available for review and is real (Attachment 7 of this RFP).

- C. Software Upgrade Products (FFP): This sample task is representative of the types of software upgrade delivery orders that will be issued to fill requirements specified in the RFP, SOW, and SOW references. Describe the processes, procedures, methods, and steps the offeror will employ to accomplish the sample task listed below. Include the following elements in the proposed approach (as applicable):

- i. Configuration Management
- ii. Risk Management
- iii. Requirements analysis and derivation
- iv. Engineering and Design Approach
- v. labor categories with associated hours required to accomplish the sample task #3, using the Personnel Allocation Matrix, broken down by elements i-iv

1. Describe the approach for developing a MRTS software upgrade to an existing MRTS product, as outlined in SOW paragraph 3.3.5.

Sample Task #3 – Develop a Software Upgrade

The SRCRR tactical system is upgrading to a new network router due to end-of-life issues. The new tactical switch is from the same manufacturer and has a different physical appearance. There are also minor changes to the software and hardware interfaces. The corresponding simulator developed in Sample Task #1 has to be upgraded to match the tactical change.

The device to be replaced is in the C12811 project of the source code. The effort to develop the replacement device simulation is roughly equivalent to the replaced component. Software documentation (SRS and SDD) shall be included for all new components to support SETR events.

Describe the steps and processes you would use to create the end product and make it ready to be integrated with another end product under the terms of a FFP delivery order. "This task does not need to include the actual installation at the school training sites, but only take the software upgrade to the point of Test Readiness Review #2 (TRR-2). Include SRR, PDR, CDR, DT-2 (Contractor Preliminary Inspection), TRR-1 (exit criteria includes satisfactory deficiency and configuration management review), a combined DT-3 (Government Preliminary Inspection, software only) and DT-4 (Contractor Final Inspection, software only) event accounting for all entrance/exit criteria listed for each event, and TRR-2 (exit criteria includes satisfactory deficiency and configuration management review)." The MRTS Integration Laboratory will be available to support the task. Test plans and procedures will be prepared for the new network router only. Assume that system tests already exist for the trainer as part of the previous baseline and only require modification for new router features. A test report will be required at each TRR event.

The following CDRLs are required by this sample task:

1. A001 Test Plan
2. A002 Test Procedure
3. A005 Software Requirements Specification
4. A007 Software Design Description
5. A008 Software Version Description
6. A00C Computer Software Product End Items
7. A00K Requirements Traceability Verification Matrix (RTVM)
8. A00L Test Inspection Report
9. B001 Contractor Status Reports
10. B002 Conference Agenda
11. B003 Conference Minutes
12. B004 Contractor Work Breakdown Structure

- D. **Hardware Development Products (FFP):** This sample task is representative of the types of hardware oriented delivery orders that will be issued to fill requirements specified in the RFP, SOW, and SOW references. Describe the technical approach, processes, procedures, methods, and steps the offeror will employ to accomplish the sample task listed below. Include the following elements in the proposed technical approaches (as applicable):

- i. Requirements analysis and derivation
- ii. Engineering and design approach
- iii. IA controls and certification
- iv. Testing
- v. Configuration Management
- vi. Delivery and installation of the product

- vii. labor categories with associated hours required to accomplish the sample task #4, using the Personnel Allocation Matrix, broken down by elements i-vi

1. Describe the approach for developing a MRTS training device, as outlined in SOW paragraph 3.3.6.

Sample Task #4 – Hardware System Development	
<p>To support the SRCRR software product development described in Sample Task #1, a new training device is required to be developed and installed in the Groton, CT schoolhouse. This new training system must be compatible with the existing MRTS training devices, though it is expected that the exact models of computers will not be available and new computers will need to be chosen. To meet the training requirements of the SRCRR software, a training system with an IOS station and thirteen columns is required (see the MRTS Device 21H42 Systems Interface Manual for more information on training system configurations).</p> <p>Describe the steps and processes you would use to create the training device, integrate it with the software developed in Sample Task #1, deliver it to the schoolhouse, including assembly, test, and train the schoolhouse on the operation and maintenance of the training device under the terms of a FFP. Include an initial delivery of spares. Documentation for the trainer is addressed in sample task #5. The MRTS Integration Laboratory is available for software testing and integration, however, there is not enough space in the MRTS Integration Laboratory to assemble the new training device. The offeror is responsible for providing facilities to assemble, integrate, and test the new training device prior to shipment to the schoolhouse. The government is responsible for all Navy schoolhouse facility modifications and ensuring a room is available for installation. Device testing will be accomplished with successful execution of the software testing procedures developed in sample tasks #1, and does not need to be accounted for in this task. Execution of on-site acceptance testing is part of this task.</p> <p>The following CDRLs are required by this sample task:</p> <ol style="list-style-type: none"> 1. A001 Test Plan 2. A009 System/Subsystem Design Description 3. A00H Information Assurance System Administrator Guide 4. A00J PIT Risk Approval 5. A00L Test Inspection Report 6. B001 Contractor Status Reports 7. B002 Conference Agenda 8. B003 Conference Minutes 9. B004 Contractor Work Breakdown Structure 10. F002 Instructor/Maintenance Training Material 	

E. Documentation (FFP): This sample task is representative of the types of documentation delivery orders that will be issued to fill requirements specified in the RFP, SOW, and SOW references. Describe the processes, procedures, methods, and steps the offeror will employ to accomplish the sample task listed below. Include the following elements in the proposed technical approaches (as applicable):

- i. Configuration Management
- ii. Validation Verification
- iii. Sparing Philosophy and Procurement approach
- iv. Delivery of the documentation
- v. labor categories with associated hours required to accomplish the sample task #5, using the Personnel Allocation Matrix, broken down by elements i-iv

1. Describe the approach for developing the documentation as outlined in SOW paragraph 3.3.7.

Sample Task #5 – Documentation Development	
<p>To support the SRCRR product development described in Sample Tasks #1 and #4, documentation is required to support the trainer. Describe your approach to developing Logistics Technical Documentation (Initial Support Kits List (ISKL), Training System Installation Plan (TSIP), Systems Interface Manual (SIM), and drawings) required to operate and repair the training system consistent with the Government’s maintenance concept, and the Training System Support Document (TSSD). Discuss the rationale used to develop and populate the data elements of the ISKL, including delivery to the government under the terms of a FFP delivery order. The MRTS Integration Laboratory will be available to support the task.</p>	
<p>The following CDRLs are required by this sample task:</p>	
1.	A00Q Product Drawings and Associated Lists
2.	B001 Contractor Status Reports
3.	B002 Conference Agenda
4.	B003 Conference Minutes
5.	B004 Contractor Work Breakdown Structure
6.	C001 Initial Support Kit List (Preliminary)
7.	D003 Training System Installation Plan (TSIP)
8.	E001 System Interface Manual (SIM)
9.	F001 Training System Support Document (TSSD)

- F. Information Assurance (IA) Support (FFP): The sample task is representative of the types of IA delivery orders that will be issued to fill requirements specified in the RFP, SOW, and SOW references. Describe the processes, procedures, methods, and steps the offeror will employ to accomplish the sample task listed below. Include the following elements in the proposed technical approaches (as applicable):

- i. Configuration Management
- ii. IA controls and certification
- iii. Operational and administrative procedures
- iv. labor categories with associated hours required to accomplish the sample task #6, using the Personnel Allocation Matrix, broken down by elements i-iii

1. Describe the approach for developing a certification and accreditation package, as outlined in SOW paragraph 3.3.8.

Sample Task #6 – IA Support	
<p>Describe the steps and processes you would use to obtain and maintain accreditation for migration of a fielded trainer from a Windows to Linux operating system. The contractor shall be responsible for preparing the documentation and support products to obtain an ATO for the new environment. CDRLs required for this task are A00H and A00J. Tasks associated with creating the Linux trainer image and configuring it in accordance specific IA configuration guidance are not included in this task.</p>	
<p>The following CDRLs are required by this sample task:</p>	
1.	A00H Information Assurance System Administrator Guide
2.	A00J PIT Risk Approval

2.0 VOLUME 2: FACTOR B – PRICE/COST PROPOSAL AND ADMINISTRATIVE INFORMATION

2.1 Volume Content:

(a) The offeror shall complete the Resource Allocation Matrix (Attachment 2) for each labor category proposed in the Personnel Allocation Matrix provided in Element 1.2 above with the following information: labor categories and fully-burdened hourly rate (including profit) for each year and each out-year for FFP Contract Line Item Number (CLIN) (0102 Core Sustainment, 0103 Software Development Products, 0105 Software Upgrade Products, 0106 HW Sys Development and/or Tech Refresh, 0107 Documentation, 0108 System Admin/Information Assurance) and labor categories and fully-burdened hourly rate (excluding fee) for each year and each out-year for CPFF CLINs 0104 Software Development Products and out years. Additionally, the offeror shall include a fixed factor(s) that represents all the appropriate overhead, G&A and profit applicable to the travel, material and other direct costs for FFP CLINs (0102, 0103, 0105, 0106, 0107, 0108 and out years). The offeror shall also include a fixed factor(s) that represents all the appropriate overhead and G&A, exclusive of fee, applicable to the travel, material and other direct costs for CPFF CLIN 0104 Software Development Products.

For the CPFF CLINs, the offeror shall also provide a breakout of the direct and indirect labor rates proposed for each of the labor categories in Attachment 2 of the RFP in the table below. The offeror and proposed subcontractors shall provide the most current DCAA Provisional Billing Rate Approval Letter, DCAA Final Billing Rate Approval Letter, and/or DCAA Forward Pricing Rate Agreement or recommendation, payroll verification for currently employed proposed personnel, and any other information necessary to substantiate the rates proposed. Payroll verification shall consist of a form containing the title, direct labor rate and a signed certification by an authorized representative of the company that the information contained in the form is correct. If any of the rates utilized by the offeror or any subcontractor differ from the DCAA information and/or payroll verification a justification shall be provided for the difference. If DCAA has not reviewed the rate information for an offeror or one of its subcontractors, the offeror must submit a detailed justification of the proposed direct and indirect rates.

Labor Category	Direct Labor Rate	Indirect Rate(s) (Insert additional columns for each indirect rate)	Fully Burdened Labor Rate Exclusive of Fee (Year xx)

Other Direct Cost Category	Indirect Rate(s) (Insert additional columns for each indirect rate)	Fixed Factor (Year xx)

NOTE: Offerors are advised that labor categories proposed in the Resource Allocation Matrix, Attachment 2 of the RFP, beyond those labor categories and rates proposed for the sample tasks in Section L, Factor A, Element 1.3 will

only be evaluated for cost realism and price reasonableness, as appropriate since they will be included in the contract for purposes of pricing future delivery orders, however, they will not be included in the total evaluated price.

(b) For Post Award Conference CLIN (0101) and Core Sustainment CLINs (0102, 0202, 0302, 0402 and 0502), the offeror shall propose the CLIN Unit Prices, the Total Prices filled in using the estimated quantities for each year as designated in section B of the solicitation. Year 5 proposed fully burdened rates for the appropriate labor category(s) applicable to CLIN 0502 should account the possibility of performance or delivery past the ordering period of Year 5. As all deliveries must be made within 210 days from the end of the last ordering period per FAR Clause 52.216-22, the offeror is advised to account for this if necessary in Year 5 proposed fully burdened rates.

(c) For Software Development Products (FFP) CLIN (0103), the offeror shall provide a price proposal for Sample Task #1 in the Technical Volume Element 1.3 Technical Approach. The offeror shall propose labor categories and hours that are associated with the Technical Approach for Sample Task #1 utilizing the Resource Allocation and Personnel Allocation Matrices developed to meet all SOW requirements. The offeror shall provide the tables (examples below) for the proposed labor categories, hours, fully burdened labor rate and an estimated total price. The offeror shall also provide a table for the proposed other direct cost category associated with Sample Task #1 (e.g. travel, material, ODCs), and fixed factor(s) in accordance with the Resource Allocation Matrix.

Fill out the table below to show the estimated total for the Sample Task. Then populate Section B with the estimated total for each year. To establish prices for the out-year CLINs (0203, 0303, 0403, and 0503), recalculate the price for Sample Task #1 using the out-year rates proposed in the Resource Allocation Matrix and provide a table showing each out year CLIN estimated total. Year 5 fully burdened proposed rates should account the possibility of performance or delivery past the ordering period of Year 5. As all deliveries must be made within 210 days from the end of the last ordering period per FAR clause 52.216-22, the offeror is advised to account for this if necessary in Year 5 fully burdened proposed rates. The offeror shall calculate the estimated total CLIN price for each year by filling out the tables (examples below).

Proposed Labor Category	Proposed Hours	Fully Burdened Labor Rate (Year xx)	Estimated Total

Other Direct Cost Category	Direct Cost	Fixed Factor (Year xx)	Estimated Total

(d) For Software Development Products (CPFF) CLIN (0104), the offeror shall provide a cost proposal for Sample Task #2 in the Technical Volume, Element 1.3 Technical Approach. The offeror shall propose labor categories and hours that are associated with the Technical Approach for Sample Task #2 utilizing the Resource Allocation and Personnel Allocation Matrices developed to meet all SOW requirements. The offeror shall provide the tables (examples below) for the proposed labor categories, hours, fully burdened labor rate (exclusive of fee), fee, and an estimated total cost. The offeror shall also provide a table for the proposed other direct cost category associated with Sample Task #2 (e.g. travel, material, ODCs), and fixed factor(s) in accordance with the Resource Allocation Matrix. For evaluation purposes only, include a fixed fee of 6% on the proposed labor cost. No fee shall be applicable to proposed travel, materials, or other direct costs.

Fill out the table below to show the estimated total for the Sample Task. Then populate Section B with the estimated total for each year. To establish costs for the out-year CLINs (0204, 0304, 0404, and 0504), recalculate the cost for Sample Task #2 using the out-year rates proposed in the Resource Allocation Matrix and provide a table showing each out year CLIN total. Year 5 fully burdened proposed rates should account the possibility of performance or delivery past the ordering period of Year 5. As all deliveries must be made within 210 days from the end of the last ordering period per FAR clause 52.216-22, the offeror is advised to account for this if necessary in Year 5 fully burdened proposed rates. The offeror shall calculate the estimated total CLIN cost for each year by filling out the tables (examples below).

Labor Category	Hours	Fully Burdened Labor Rate Exclusive of Fee (Year xx)	Fee (6%)	Estimated Total

Other Direct Cost Category	Direct Cost	Indirect Rate(s) (Insert additional columns for each indirect rate)	Fee (As Applicable)	Estimated Total

(e) For Software Upgrade Products (FFP) CLIN (0105), the offeror shall provide a price proposal for Sample Task #3 in the Technical Volume Element 1.3 Technical Approach. The offeror shall propose labor categories and hours that are associated with the Technical Approach for Sample Task #3 utilizing the Resource Allocation and Personnel Allocation Matrices developed to meet all SOW requirements. The offeror shall provide the tables (examples below) for the proposed labor categories, hours, fully burdened labor rate and an estimated total price. The offeror shall also provide a table for the proposed other direct cost category associated with Sample Task #3 (e.g. travel, material, ODCs), and fixed factor(s) in accordance with the Resource Allocation Matrix.

Fill out the table below to show the estimated total for the Sample Task. Then populate Section B with the estimated total for each year. To establish prices for the out-year CLINs (0205, 0305, 0405, and 0505), recalculate the price for Sample Task #3 using the out-year rates proposed in the Resource Allocation Matrix and provide a table showing each out year CLIN total. Year 5 fully burdened proposed rates should account the possibility of performance or delivery past the ordering period of Year 5. As all deliveries must be made within 210 days from the end of the last ordering period per FAR clause 52.216-22, the offeror is advised to account for this if necessary in Year 5 fully burdened proposed rates. The offeror shall calculate the estimated total CLIN price for each year by filling out the tables (examples below).

Proposed Labor Category	Proposed Hours	Fully Burdened Labor Rate (Year xx)	Estimated Total

Other Direct Cost Category	Direct Cost	Fixed Factor (Year xx)	Estimated Total

(f) For Hardware System Development and Technical Refresh (FFP) CLIN (0106), the offeror shall provide a price proposal for Sample Task #4 in the Technical Volume Element 1.3 Technical Approach. The offeror shall propose labor categories and hours that are associated with the Technical Approach for Sample Task #4 utilizing the Resource Allocation and Personnel Allocation Matrices developed to meet all SOW requirements. The offeror shall provide the tables (examples below) for the proposed labor categories, hours, fully burdened labor rate and an estimated total price. The offeror shall also provide a table for the proposed other direct cost category associated with Sample Task #4 (e.g. travel, material, ODCs), and fixed factor(s) in accordance with the Resource Allocation Matrix.

Fill out the table below to show the estimated total for the Sample Task. Then populate Section B with the estimated total for each year. To establish prices for the out-year CLINs (0206, 0306, 0406, and 0506), recalculate the price for Sample Task #4 using the out-year rates proposed in the Resource Allocation Matrix and provide a table showing each out year CLIN estimated total. Year 5 fully burdened proposed rates should account the possibility of performance or delivery past the ordering period of Year 5. As all deliveries must be made within 210 days from the end of the last ordering period per FAR clause 52.216-22, the offeror is advised to account for this if necessary in Year 5 fully burdened proposed rates. The offeror shall calculate the estimated total CLIN price for each year by filling out the tables (examples below).

Proposed Labor Category	Proposed Hours	Fully Burdened Labor Rate (Year xx)	Estimated Total

Other Direct Cost Category	Direct Cost	Fixed Factor (Year xx)	Estimated Total

(g) For Documentation (FFP) CLIN (0107), the offeror shall provide a price proposal for Sample Task #5 in the Technical Volume Element 1.3 Technical Approach. The offeror shall propose labor categories and hours that are associated with the Technical Approach for Sample Task #5 utilizing the Resource Allocation and Personnel Allocation Matrices developed to meet all SOW requirements. The offeror shall provide the tables (examples below) for the proposed labor categories, hours, fully burdened labor rate and an estimated total price. The offeror shall also provide a table for the proposed other direct cost category associated with Sample Task #5 (e.g. travel, material, ODCs), and fixed factor(s) in accordance with the Resource Allocation Matrix.

Fill out the table below to show the estimated total for the Sample Task. Then populate Section B with the estimated total for each year. To establish prices for the out-year CLINs (0207, 0307, 0407, and 0507), recalculate the price for Sample Task #5 using the out-year rates proposed in the Resource Allocation Matrix and provide a table showing each out year CLIN estimated total. Year 5 fully burdened proposed rates should account the possibility of performance or delivery past the ordering period of Year 5. As all deliveries must be made within 210 days from the end of the last ordering period per FAR clause 52.216-22, the offeror is advised to account for this if necessary in Year 5 fully burdened proposed rates. The offeror shall calculate the estimated total CLIN price for each year by filling out the tables (examples below).

Proposed Labor Category	Proposed Hours	Fully Burdened Labor Rate (Year xx)	Estimated Total

Other Direct Cost Category	Direct Cost	Fixed Factor (Year xx)	Estimated Total

(h) For System Administration/Information Assurance (FFP) CLIN (0108), the offeror shall provide a price proposal for Sample Task #6 in the Technical Volume Element 1.3 Technical Approach. The offeror shall propose labor categories and hours that are associated with the Technical Approach for Sample Task #6 utilizing the Resource Allocation and Personnel Allocation Matrices developed to meet all SOW requirements. The offeror shall provide the tables (examples below) for the proposed labor categories, hours, fully burdened labor rate and an estimated total price. The offeror shall also provide a table for the proposed other direct cost category associated with Sample Task #6 (e.g. travel, material, ODCs), and fixed factor(s) in accordance with the Resource Allocation Matrix.

Fill out the table below to show the estimated total for the Sample Task. Then populate Section B with the estimated total for each year. To establish prices for the out-year CLINs (0208, 0308, 0408, and 0508), recalculate the price for Sample Task #6 using the out-year rates proposed in the Resource Allocation Matrix and provide a table showing each out year CLIN estimated total. Year 5 fully burdened proposed rates should account the possibility of performance or delivery past the ordering period of Year 5. As all deliveries must be made within 210 days from the end of the last ordering period per FAR clause 52.216-22, the offeror is advised to account for this if necessary in Year 5 fully burdened proposed rates. The offeror shall calculate the estimated total CLIN price for each year by filling out the tables (examples below).

Proposed Labor Category	Proposed Hours	Fully Burdened Labor Rate (Year xx)	Estimated Total

Other Direct Cost Category	Direct Cost	Fixed Factor (Year xx)	Estimated Total

2.2 Ground Rules and Assumptions:

(a) As this is a competitive acquisition with adequate price competition anticipated, any price/cost documentation requested shall not be certified cost or pricing data in accordance with FAR 15.406-2. However, in the event that adequate price competition does not exist after receipt of proposals, the Government reserves the right

to request additional cost or pricing data as necessary from both the Offeror and subcontractors and may conduct negotiations with the Offeror, pursuant to FAR Part 15.403-4, in order to ensure a reasonable and realistic price/cost. Further, the Offeror may be required to provide a Certificate of Current Cost or Pricing Data prior to award, pursuant to FAR 15.406-2. Offeror shall acknowledge the requirement to provide additional cost or pricing information and certify the data prior to award if/when requested by the Government.

(b) The cost of general purpose items required to conduct normal business operations will not be considered allowable Other Direct Charges. The following types of general purpose costs required to conduct normal business operations are not directly reimbursable: the cost and associated costs for telephones and telephone charges (except for project-related telephone charges for performance of this contract which, per contractor's DCAA-approved accounting system, may be directly reimbursed under communication expenses), modems, typewriters, reproduction machines, word processing equipment, personal computers, computer software, Internet access charges, facsimile machines, commercial carrier charges, pagers, and other general purpose office equipment and office supplies.

(c) The Offeror shall provide sufficient information to support its price/cost as well as an explanation of all ground rules and assumptions that affect the price/cost estimates. Any apparent imbalances in the pricing, high or low proposed prices/costs as compared to historical data, or any other anomalies should be fully explained. Topics to be addressed include, but are not limited to, investments, programmatic variables (e.g., inflation/escalation, location, make/buy decisions, prime/subcontractor relationships, and business base concerns), etc.

2.3 Price/Cost Information:

(a) Reasonableness and Consistency between the Technical/Management and Price/Cost Volumes. Demonstrate that the unit prices and the total proposed prices are reasonable, costs are realistic, and commensurate with the work required by the solicitation and the technical and management approaches identified in the Technical/Management Volume of the proposal. Show traceability with the CLINs, SOW, proposed effort, proposed manning levels, and the prices/costs. Refer to specific sections in the Technical/ Management Volume as needed to illustrate the consistency between the Price/Cost Volume and the Technical/ Management Volume. The Offeror shall explain any inconsistency between promised performance and price/cost, as well as any appearance of unbalanced pricing, in the proposal.

(b) The Government is not soliciting any investments. However, in order for the Government to properly assess a proposed price/cost that appears low due to a corporate decision to absorb costs, e.g., lower than usual burdens or rates, the Offeror shall fully identify and explain any such investments.

(c) Fill-in the proposed prices/costs for each contract line item number (CLIN) in Section B as calculated above in section 2.1 Volume Content in this solicitation. The offeror shall sum up the proposed Total Prices and Estimated Costs by contract year, and provide a total overall price of the proposal.

2.4 Administrative Information:

(a) Administrative Information. The following sections of the solicitation shall be completed and included in Volume II of the offeror's proposal:

- (i) Standard Form 33, Blocks 13-18; Note: Block 17 shall contain a signature by an official authorized to bind the company;
- (ii) Standard Form 30 Blocks 8 and 15 acknowledging receipt of each amendment issued (only if Amendments are issued),
- (iii) Section K, certifications, representations and other statements,
- (iv) Complete NAVAIR Clause 5252.201-9502 in Section G.
- (v) Complete Resource Allocation Matrix tables in Attachment 2 in Section J
- (vi) Complete Limitation on Subcontracting charts in Attachment 6 in Section J IAW FAR 52.219-14
- (vii) Complete Section B with proposed price per unit with an estimated amount for each CLIN calculate a total contract price.

(b) Offeror Representatives: Provide the name, title, phone number and e-mail address of the company/division point of contact regarding decisions made with respect to the company's proposal and who can obligate the company contractually. Also identify those individuals authorized to negotiate with the Government.

(c) Government Agency Information: Provide the mailing address, telephone, fax numbers, and facility codes for the offeror's local Defense Contract Management Agency and Defense Contract Audit Agency offices.

(d) The period for acceptance of the offer stating how long the offeror agrees to honor the proposed prices. This period shall be, at a minimum, one hundred eighty (180) calendar days from the date specified for receipt of offers.

(e) The Offeror must certify that it contains all exceptions, deviations, and waivers that the Offeror takes from the provisions of the solicitation and its applicable documents. An "exception" is where an Offeror states it will not comply with a requirement, usually involving contract terms and conditions. A "deviation" is where an Offeror states it will not comply with a requirement but proposes an alternative to meet the intent of the requirement, usually involving a specification. A "waiver" is where an Offeror requests authorization for the Government to accept an item which will depart from specified requirements, but would nevertheless be considered suitable. Exceptions, deviations, and requests for waivers may cause proposals to be considered deficient.

Provide a detailed description for each exception, deviation, or request for waiver, as applicable. The Offeror shall indicate the Offeror's difficulty with the applicable requirement and the Offeror's proposed solution. The Offeror shall specifically identify the portion of the solicitation and the Offeror's proposal which are affected. If there are no exceptions, deviations or waivers, the Offeror shall provide a one-page document stating so.

(f) The offeror shall also provide documentation verifying that it has a DCAA approved Cost Accounting System or state that its Cost Accounting System has not been approved by DCAA.

(g) For the following solicitation provision the offerors affirm whether an Organizational Conflict of Interest (OCI) or Potential OCI (POCI) exists, and if one exists, Offerors shall submit an adequate OCI mitigation plan in accordance with the following provision:

ORGANIZATIONAL CONFLICT OF INTEREST INSTRUCTIONS (NAVAIR) (SEP 2013)

- (a) This OCI provision is in accordance with FAR 9.507-1. As such, Offerors are hereby notified of this potential conflict of interest (POCI).
- (b) The potential OCI is related to unequal access to information and impaired objectivity associated with NAWCTSD's contractor support services (CSS) Seaport-E contract N00178-05-D-4409-HT03 and NAWCAD contract N00421-08-C-0022 and similar contractor support services for the NAVSEA (07TR, PMS 435), SPAWAR PMW 770, and future program offices (hereinafter MRTS sponsors' program offices) sponsoring Multi-Purpose Reconfigurable Training System (MRTS) products.
- (c) The potential OCI is with contractors whose employees provide support services to NAWCTSD, NAVSEA (07TR, PMS 435), SPAWAR PMW 770 and future MRTS sponsor program offices because these contractors may have unequal access to information and impaired objectivity.
- (d) The potential OCI could exist at any tier of an Offeror or affiliate of the Offeror, to include any team member serving in any capacity such as subcontractor, consultant, employee of the Offeror, or joint venture involving the Offeror.
- (e) Any Offeror or affiliate of the Offeror, which includes any team member serving in any capacity such as subcontractor, consultant, employee of the Offeror, or joint venture involving the Offeror, that is a contractor supporting the MRTS sponsors' program offices or on the Seaport-E task order, shall submit an

adequate OCI mitigation plan that will be incorporated into their proposal and a successful Offeror's contract and that, as a minimum, incorporates the following:

- (1) A description of the contractor's internal controls and planned actions to avoid any potential organizational conflict of interest.
 - (2) All data accessed or generated by an Offeror through the provision of support services to NAWCTSD or the MRTS sponsors' program offices shall be firewalled and segregated from all other Offeror personnel and data systems, so as to mitigate any potential competitive advantage arising from the Offeror's prior access to data.
 - (3) All Offeror employees providing support services to NAWCTSD or the MRTS sponsors' program offices shall have had in place and shall continue to be working under Non-Disclosure Agreements (NDAs), and, if applicable, pre-existing OCI mitigation plans, that adequately protect sensitive Government or proprietary information from unauthorized distribution.
 - (4) All Offeror employees who have provided support services to NAWCTSD, NAVSEA (07TR, PMS 435) or SPAWAR PMW 770 program offices at any time dating back to 3 years prior to release of the MRTS solicitation (N61340-14-R-2401) shall be firewalled and segregated from personnel and organizational elements of the Offeror associated with the MRTS development acquisition through the date of contract award. These employees, regardless of whether they are actively providing support services, shall be specifically prohibited from providing information toward or participating in proposal development activities for the MRTS development solicitation.
 - (5) All Offeror employees who are actively providing support services to NAWCTSD or the MRTS sponsors' program offices shall be firewalled and segregated from personnel and organizational elements of the Offeror associated with the MRTS development acquisition at all times. These employees shall be specifically prohibited from providing information toward or participating in proposal development activities as well as post-award contract activities for the MRTS development acquisition.
 - (6) All Offeror employees who have provided support services to NAWCTSD, NAVSEA (07TR, PMS 435) or SPAWAR PMW 770 program offices at any time dating back to 3 years prior to release of the MRTS solicitation (N61340-14-R-2401), but are no longer actively providing support services to NAWCTSD or the MRTS sponsors' program offices, shall be firewalled and segregated from personnel and organizational elements of the Offeror associated with the MRTS solicitation through the date of contract award. These employees shall be specifically prohibited from providing information toward or participating in proposal development activities for the MRTS solicitation. However, these employees may support post-award contract activities should the Offeror be under contract (at any tier) for MRTS development.
 - (7) An explanation of remedies available to the Government that may be associated with any breach of its OCI mitigation plan relative to this contract. The remedies the offeror describes will be in addition to the remedies afforded to the Government by other provisions of the contract, or statute, or regulation.
 - (8) The method(s) by which breaches to its OCI mitigation plan shall be disclosed to the Government. In addition, the Offeror shall describe the process by which it will advise the Government of the appearance of a new OCI that arises after award of the contract.
- (f) The submitted OCI mitigation plan is subject to approval by the Contracting Officer prior to contract award and is considered a material term of the contract.
- (g) Notwithstanding the potential OCIs to which Offerors have been notified above, Offerors are required to disclose any other potential OCI and submit an OCI mitigation plan, if appropriate, as it relates to that potential OCI.
- (h) Nothing in this solicitation provision relieves contractors supporting the NAWCTSD or the MRTS sponsors' program offices from complying with the existing ORGANIZATIONAL CONFLICT OF INTEREST requirements within their contract(s).

3.0 VOLUME 3: FACTOR C - PAST PERFORMANCE

Note: This volume shall not contain any reference to cost or price aspects of the offer.

3.1 General

The Offeror shall identify up to three (3) of the Offeror's most relevant contracts, and up to two (2) of the most relevant contracts for each principal subcontractor. Any submitted contract must contain performance within five (5) years of this proposal submission date as specified in Block 9 of Standard Form 33 of the RFP (any active portion of performance within five years). Submitted contracts without performance within this specified period will not be considered by the Government. Commercial contracts may be included. In general, recent performance will be considered more relevant than older performance.

Offerors shall not reference an Indefinite Delivery Contract (IDC) without referencing the appropriate task or delivery order containing the effort similar in nature to this requirement. For purposes of this effort, task or delivery orders awarded under Multiple-Award Contracts (MACs) will be considered standalone contracts and the Offeror is advised, with regard to this effort, to choose the most relevant specific task or delivery order(s) only. For a single-award IDC, offerors may propose the entire IDC (basic contract number) for a past performance reference, or may propose a specific task or delivery order as a past performance reference. If an offeror proposes a single-award IDC (basic contract number) as a past performance reference, the offeror must describe the similarity of the service/support effort under each task or delivery order issued, each issued task or delivery order value, the dollar amount of the effort actually performed under each task or delivery order issued, each task or delivery order type issued, the complexity of the effort under each task or delivery order issued, the division and location of the company that performed the work under each task or delivery order issued, and the period of performance of each task or delivery order issued. In general, recent performance will be considered more relevant than older performance. When possible, these contracts or DOs should include no more than three of the most relevant contracts or DOs for the prime contractor and two of the most relevant contracts or DOs for each principal subcontractor (as defined in Paragraph I, General Instructions).

If proposing as a legal joint venture or partnership entity, the offeror should provide up to three past performance references performed by the joint venture or partnership, and up to two past performance references for each principal subcontractor of the joint venture or partnership. If a joint venture or partnership has three past performance references, the government will not consider past performance references performed by individual team members of the joint venture or partnership unless the team member is a proposed principal subcontractor.

If a joint venture or partnership has less than three past performance references, each team member of the joint venture or partnership may individually submit no more than two references in addition to the past performance references submitted by the joint venture or partnership. The government will not consider past performance references performed by individual team members of the joint venture or partnership unless the offeror's proposal demonstrates how the resources of the individual joint venture or partnership team member – its workforce, management, facilities or other resources – will in fact be provided for meaningful involvement in contract performance. Merely stating that the offeror has access to the resources of an individual joint venture or partnership team member will not be considered relevant to the past performance evaluation.

If an offeror proposes the resources of a corporate parent, division, subsidiary, or affiliate the offeror will not receive past performance credit of the proposed corporate parent, division, subsidiary, or affiliate unless the offeror's proposal demonstrates how the resources of the corporate parent, division, subsidiary, or affiliate – its workforce, management, facilities or other resources – will in fact be provided for meaningful involvement in contract performance. Merely stating that the offeror has access to the resources of a corporate parent, division, subsidiary, or affiliate is insufficient and will not be considered relevant to the past performance evaluation.

For each contract or DO identified, provide contract data, relevancy, past performance, and systemic improvement information as described below. Demonstrate the relevancy of the Offeror's, and if applicable, the Offeror's principal subcontractors' past performance and systemic improvements with respect to the solicitation requirements. Specifically identify software development/modification efforts that are relevant, including activities such as software configuration control, development of military tactical or training systems, simulation of military tactical equipment, and IA accreditation and/or implementation of IA controls. For each past performance problem identified, describe the status of the systemic improvement efforts and, where applicable, demonstrate the impact that the systemic improvement effort had on resolving the problem such that it would not reoccur.

For contracts or DOs that have CPARS Reports that are more than six months old, e.g., the date the Assessing Official completed the assessment is more than six months before the due date for this Past Performance Volume, or contracts or DOs identified which do not have CPARS Reports, the Offeror will forward a copy of the Past Performance Questionnaire (Attachment 4) to that contract customer's Procuring Contracting Officer (PCO), Administrative Contracting Officer (ACO), Program Manager or Point of Contact (as required per Section 3.2). All questionnaires shall be forwarded in a timely manner after the RFP release date to ensure sufficient lead-time so that responses can be received by the Government concurrent or prior to the Government's receipt of the Offeror's proposal. The Offeror shall include instructions for the customers to send completed questionnaires prior to the RFP closing date and time via e-mail to Ricardo.L.Elias@navy.mil, while allowing the customer adequate lead time to complete their response. The Offeror shall not conduct follow-up actions with regard to this questionnaire. The Government will ensure that the customers have received and will respond to the questionnaires. The Government may send any other questionnaires as necessary.

The Offeror shall provide written consent from their principal subcontractors that will allow the Government to coordinate their Past Performance issue(s) with the Offeror. If the Offeror does not submit such written consent, then the Government will address any past performance issues directly with the principal subcontractor and the Offeror will forfeit the opportunity to participate in any related discussions. Consequently, for any principal subcontractors that do not provide such written consent, provide a point of contact (name, address, phone number, and email address) with which the Government may coordinate these issues and obtain any responses as needed.

The Government may use information other than that provided by the Offeror in their proposals to evaluate past performance. The Government may use Past Performance information obtained from sources other than those identified by the Offeror. The Past Performance Information Reporting System (PPIRS) will be the primary method used to evaluate Past Performance. It is incumbent upon the Offeror to explain the relevance of the data provided. The Government has no duty to search for data to cure the problems it finds in the information provided by the Offeror. The Offeror has the burden of providing thorough and complete past performance information.

(a) Contract Data

Provide all the information identified below separately for each contract identified in 3.1 above. Additionally, provide this information electronically as a separate file on CD-ROM, which contains Offeror's Past Performance proposal in a Word Table in the format depicted below:

		Relevant Contract Data				
	Prime (P), or Sub (S)					
1.	Contractor Name	P1	P2	P3	S1	S2
2.	Title of contract					
3.	Contract number/type					
4.	Procuring agency					
5.	Description of product or service					
6.	Period of performance					
7.	Place of performance and CAGE Code/ DUNs # ¹					

8.	Dollar value of contract					
9.	Acquisition Phase(s) of Contract, e.g., SDD, Production					
10.	CPARs? - CPARS completion date - on DOD PPIRS? ²					
11.	Recency ³					

¹ Place of Performance should be the location where the predominance of the work was performed (At government location, contractor facility, etc). CAGE Code/DUNs # of company performing the work. If CAGE Code/DUNs # is different then Prime, principal subcontractor, or Joint Venture proposing in this solicitation, please include an explanation.

² CPARS (yes/no) - CPARS completion date - on DOD PPIRS (yes/no) (Indicate whether or not any CPARS have been completed and identify the last CPARS completion date and if it is currently on DoD PPIRS)

³ Recency-Efforts performed within the last five years.

(b) Past Performance Information - The Offeror shall provide a brief description of performance in delivering quality products in each of the following areas: 1) meeting technical requirements, i.e., the quality of technical performance, e.g., performing analysis, design, testing, etc., 2) meeting schedule requirements, i.e., schedule performance, e.g., on time or late delivery, modification of original schedules and reasons for any changes, etc., 3) controlling contract cost, i.e., cost performance, e.g., on time or late delivery, modification of original schedules and reasons for any changes, etc., and 4) managing the contracted effort, i.e., program management, e.g., cooperation with customer, subcontract management.

(c) Systemic improvement Information - Identify those systemic improvement actions taken to resolve past problems. Describe the techniques, elements, and tools used to correct problems and, if applicable, how these techniques, elements, and tools will be used during this contract.

(d) The offeror shall provide a list of Show Cause Notices, Cure Notices and Terminations for Default received on any contract within the last 5 years. Include a brief description as well as a statement of relevancy to this requirement

(e) The offeror shall provide printed CPARS that are referenced in the table above under section (a) Contract Data, in row #10 “CPARs? – CPARS completion date – on DOD PPIRS?”.

3.2. Past Performance Data Requirements

Provide all the information identified below separately for each contract. Provide a summary of the Customer’s Points of Contact in a MS Word Table using the format below which is illustrated with an example. Include an electronic copy of this table in MS Word on a CD.

1. Offeror’s Name (Prime, Principal Sub, JV/SLE, JV/SLE Member)	1. Contract #, 2. Offeror’s Role (e.g., prime or sub)	Customer’s Name	1. CPARS? Recent? 2. Questionnaire # __ Sent? 3. For Subs - Agreement to allow Coordination with Prime?	Point of Contact’s Name; Phone Number, Fax Number and E-mail address
AB (prime)	1. N009, 2. Prime	RYP	1. CPARS: No 2. Questionnaire #1: - Sent 5/4/05 3. N/A	AI (PM) 444-444-4444, fax 555-555-5555, AI@RYP
			1. CPARS: No 2. Questionnaire #2:	Sue (PCO) 333-333-3333

			- Sent 5/4/05 3. N/A	fax 222-222-2222 Sue@RTP
			1. CPARS: No 2. Questionnaire #3: - Sent 5/4/05 3. N/A	Joe (ACO) 111-111-1111 fax 888-888-8888 Joe@ RYP
AB (prime)	1. N008, 2. Sub	L&M	1. CPARS: Yes/No 2. Questionnaire # 1: - Sent 5/4/05 3. N/A	Sue (PCO) 333-333-3333 fax 222-222-2222 Sue@AB
NNB (sub)	1. N007, 2. Prime	RST	1. CPARS: Yes/Yes 2. Questionnaire: - Not Sent 3. Agreement: Yes	Sue (PCO) 333-333-3333 fax 222-222-2222 Sue@NNB

**5252.233-9500 PROTEST/APPEAL FILED WITH THE NAVAL AIR SYSTEMS COMMAND (NAVAIR)
(MAR 1999)**

(a) Agency protests/appeals will be processed in accordance with the procedures established at FAR 33.103. A protest to the Naval Air Systems Command shall be filed with the Contracting Officer whose name and address are shown in FAR Clause 52.233-2, "Service of Protest" of this solicitation.

(b) The protester may request an independent review of the Contracting Officer's decision on the protest by filing a written appeal with:

Timothy P. Cichon (AIR-253)
12530 Research Parkway
Orlando, FL 32826

(c) The appeal must be received by the Chief of the Contracting Office within 10 calendar days after the Contracting Officer's protest decision was issued. The appeal shall include (1) the name, address, and fax and telephone numbers of the appellant; (2) the solicitation or contract number; (3) a detailed statement of the factual grounds for the appeal, to include a description of resulting prejudice to the appellant; (4) copies of relevant documents; (5) a request for an independent review by the Chief of the Contracting Office; (6) a statement as to the form of relief requested; and, (7) all information establishing the timeliness of the appeal.

Section M - Evaluation Factors for Award

CLAUSES INCORPORATED BY REFERENCE

52.215-1

Instructions to Offerors--Competitive Acquisition

JAN 2004

CLAUSES INCORPORATED BY FULL TEXT

M – [I] EVALUATION FACTORS FOR AWARD (SUPPLIES OR SERVICES)(JUN 2011)**PART A: GENERAL INFORMATION****1.0 GENERAL**

The Government expects to select *one* Offeror on the basis of its proposal providing the “best value” to the Government, all factors considered. "Best value" means the expected outcome of an acquisition that, in the Government's estimation, provides the greatest overall benefit(s) in response to the requirement. The Offeror is advised that the proposal meeting the solicitation requirements with the lowest price may not be selected for an award if award to a higher priced Offeror is determined to be more beneficial to the Government. However, the perceived benefits of the higher priced proposal must merit the additional price.

2.0 EVALUATION PROCESS

The Government intends to award a contract resulting from this solicitation to the responsible Offeror whose proposal represents the best value after evaluation, in accordance with the solicitation. The Government reserves the right to hold discussions; however, award may be based upon the initial offer. Therefore, the Offeror's initial proposal should contain the Offeror's best terms from a cost or price and technical standpoint. The Government reserves the right to conduct discussions if the Contracting Officer later determines them necessary. If the Contracting Officer determines that the number of proposals that would otherwise be in the competitive range exceeds the number at which an efficient competition can be conducted, the Contracting Officer may limit the number of proposals in the competitive range to the greatest number that will permit an efficient competition among the most highly rated proposals. All proposals will be evaluated for compliance with the terms, conditions, and requirements set forth in the solicitation. Failure to address each of the areas identified in Section L Part B Specific Information in the proposal may impact the resulting evaluation ratings and risk assessment.

3.0 EVALUATION FACTORS FOR AWARD

Proposals shall be evaluated using the factors and elements, listed below. Elements are not subfactors and, thus, are not rated.

Factor A: TECHNICAL/MANAGEMENT

Element 1.1: Management

Element 1.2: Personnel Allocations

Element 1.3: Technical Approach

Factor B: PRICE/COST and ADMINISTRATIVE

Factor C: PAST PERFORMANCE

Technical/Management is approximately equal to Price/Administrative. Technical/Management is more important than Past Performance. Price/Administrative is more important than Past Performance. Technical/Management and Past Performance, when combined, are more important than Price/Administrative

While not separately rated, within the Technical/Management factor, there is a greater emphasis on Element 1.3 (Technical Approach). Elements 1.1 and 1.2 (Management and Personnel Allocations) are of equal emphasis.

The proposal must demonstrate to the Government's satisfaction that the Offeror has the capability to provide a quality supply or service that will ensure the successful accomplishment of the solicitation requirements and overall program objectives. If deemed appropriate by the Government, proposal information provided for one factor may be used to assess other factors. In addition, the Offeror's technical proposal will be reviewed to determine if it is consistent with the price/cost proposal, and reflects a clear understanding of the scope of work necessary to meet the solicitation requirements.

For the Technical/Management factor, a Technical Rating and Technical Risk Rating will be assigned. The Technical Rating reflects the degree to which the proposed approach meets or does not meet the minimum performance or capability requirements through an assessment of the strengths, and deficiencies of the proposal. The degree of benefit to the Government associated with assigned strengths will be considered in determining whether the Offeror's approach and understanding of requirements rises to a level of being thorough or exceptional. The Technical Risk Rating considers the risk associated with the technical approach in meeting the requirement and is assessed by the identification of weakness(es) and the Offeror's proposed risk reducers. Assessment of technical risk considers potential for disruption of schedule, increase in costs, degradation of performance, the need to increase Government oversight, or the likelihood of unsuccessful contract performance. Offerors are advised that during the evaluation process, a technical factor with an "Unacceptable" Technical Rating or a "High" Risk Rating may result in the entire proposal being found unacceptable and eliminated from the competition. Offerors are also advised that a Marginal rating may make the proposal unawardable without discussions.

For the Past Performance factor, the Offeror's past performance will be evaluated to determine how relevant prior efforts accomplished by the Offeror are to the solicitation requirements. A Performance Confidence Assessment Rating will then be assigned, which addresses the Government's level of confidence in the Offeror's ability to perform the required effort successfully based on the Offeror's (including subcontractors') relevant past performance and systemic improvement. More relevant past performance will typically be a stronger predictor of future success and have more influence on the Past Performance Confidence Assessment than past performance of lesser relevance. In the case of an offeror without a record of past performance or for whom information on past performance is not available, the offeror may not be evaluated favorably or unfavorably on past performance and the offeror will receive a rating of "Unknown." Under Past Performance, the Government will evaluate how well an Offeror has performed similar work before. When proposals are received from contractor entities (e.g., teams, joint ventures) specifically formed to propose on a particular acquisition, the past performance evaluation will consider each individual team member.

PART B: SPECIFIC INFORMATION

1.0 TECHNICAL/MANAGEMENT

The Government will evaluate the offeror's technical approach to determine technical proficiency, capabilities, and management approach proposed to meet the specific requirements in section 3.3 in the SOW. In addition, the Government will assess the risk associated with the offeror's technical proposal.

Element 1.1: Management

Element 1.2: Personnel Allocations

Element 1.3: Technical Approach

For each of the elements, the Government will assess as follows:

Element 1.1: Management - the Government will evaluate the completeness of the offeror's management process as outlined in Section L, Factor A, Element 1.1 of this RFP. Additionally, the Government will assess the adequacy of the offeror's organizational structure, management approach and start-up/transition plan to successfully complete all contracted requirements. The offeror's proposed SDP will be evaluated to ensure it is appropriate for the MRTS development and meets standard level of completeness IAW with CDRL A003 (SDP) and for process quality.

Element 1.2: Personnel Allocation - the Government will evaluate the offeror's personnel allocation matrix for the appropriateness of personnel, staffing (manning levels and labor availability) and mix of labor categories, the qualifications and experience and educational background of all proposed labor categories to meet all requirements in the SOW.

Element 1.3: Technical Approach – the Government will evaluate the offeror's technical approach to accomplish the sample tasks and requirements identified in section L, Factor A, Technical/Management.

A. The offerors ability to maintain the lab environment to support configuration management of the software and to maintain a quality test environment will be evaluated for compliance with SOW paragraph 3.3.2. Consistency with the offeror's Technical Approach will be evaluated against the SDP requested in Section L, Part B, Factor A, Element 1.1, (D) when appropriate.

B. The offeror will be evaluated on their ability to assess and analyze requirements to develop, produce and modify, test software development products, and comply with the SETR process as defined in the MRTS SOW section 3.3.3 (FFP) and section 3.3.4 (CPFF). Consistency with the offeror's Technical Approach will be evaluated against the SDP requested in Section L, Part B, Factor A, Element 1.1, (D) when appropriate.

C. The offeror will be evaluated on their ability to assess and analyze requirements to develop, produce and modify, integrate, configuration management, test software upgrade products, and comply with the SETR process as defined in the MRTS SOW section 3.3.5. Consistency with the offeror's Technical Approach will be evaluated against the SDP requested in Section L, Part B, Factor A, Element 1.1, (D) when appropriate.

D. The offeror will be evaluated on their ability to assess and analyze requirements to design, develop, produce, test hardware development products, and comply with the SETR process as defined in the MRTS SOW section 3.3.6. Consistency with the offeror's Technical Approach will be evaluated against the SDP requested in Section L, Part B, Factor A, Element 1.1, (D) when appropriate.

E. The offeror will be evaluated on their ability to develop documentation products in accordance with the MRTS SOW section 3.3.7. Consistency with the offeror's Technical Approach will be evaluated against the SDP requested in Section L, Part B, Factor A, Element 1.1, (D) when appropriate.

F. The offeror will be evaluated on their understanding of the IA requirements, processes, procedures, and in compliance with the MRTS SOW section 3.3.8. Consistency with the offeror's Technical Approach will be evaluated against the SDP requested in Section L, Part B, Factor A, Element 1.1, (D) when appropriate.

2.0 PRICE/COST

Any understatement or overstatement of prices or inconsistencies between the Technical and Price proposals may reflect a lack of understanding of the work and could impact the technical rating and/or risk assessment. Any understatement or overstatement of costs or inconsistencies between the Technical and Cost proposals may reflect a

lack of understanding of the work and could impact the Government's most probable cost. Therefore, any inconsistency between their proposed performance and price/cost should be explained in the proposal. For example, if the intended use of new and innovative production techniques is the basis for an abnormally low estimate, the nature and risk of these techniques and their impact on price/cost should be explained.

The Price/Cost evaluation will include an evaluation of the Offeror's Total Evaluated Price; Price Reasonableness; Balanced Unit Pricing; Consistency; and Completeness.

2.1 Total Evaluated Price. Each Offeror's total evaluated price shall be evaluated to ensure that it is fair and reasonable. The total evaluated price will be the sum of the extended prices for the FFP CLINs plus the Most Probable Cost for CPFF CLINs 0104, 0204, 0304, 0404, and 0504. The sum of all base and option CLINs will be evaluated and included within the total evaluated price. The Most Probable Cost will be determined utilizing the cost realism approach specified below.

Firm Fixed Price CLINs:

The extended price for a FFP CLIN is the unit price multiplied by the unit quantity identified in Section B.

(a) For Post Award Conference CLIN (0101) and Core Software Sustainment CLINs (0102, 0202, 0302, 0402 and 0502), the offeror shall calculate the CLIN Total Price by multiplying the proposed Unit Price by the estimated quantities as designated in section B of the solicitation.

(b) For Software Development Products CLINs (0103, 0203, 0303, 0403 and 0503), the offeror shall calculate the CLIN Total Price by multiplying the estimated prices for the sample task #1 by the estimated quantities in section B in the solicitation.

(c) For Software Upgrade Products CLINs (0105, 0205, 0305, 0405 and 0505), the offeror shall calculate the CLIN Total Price by multiplying the estimated prices for the sample task #3 by the estimated quantities in section B in the solicitation.

(d) For Hardware System Development and Technical Refresh CLINs (0106, 0206, 0306, 0406 and 0506), the offeror shall calculate the CLIN Total Price by multiplying the estimated prices for the sample task #4 by the estimated quantities in section B in the solicitation.

(e) For Documentation CLINs (0107, 0207, 0307, 0407 and 0507), the offeror shall calculate the CLIN Total Price by multiplying the estimated prices for the sample task #5 by the estimated quantities in section B in the solicitation.

(f) For System Administration/Information Assurance CLINs (0108, 0208, 0308, 0408 and 0508), the offeror shall calculate the CLIN Total Price by multiplying the estimated prices for the sample task #6 by the estimated quantities in section B in the solicitation.

NOTE: Offerors are advised that the labor categories and rates proposed in the Resource Allocation Matrix (Attachment 2) in section J of the RFP and in the Personnel Allocation Matrix will be evaluated under the sample tasks. Labor categories proposed beyond those used in the sample tasks will be evaluated for cost realism and price reasonableness, as appropriate since they will be included in the contract for purposes of pricing future delivery orders, however, will not be included in the total evaluated price.

Cost Reimbursement CLINs (Software Development Products- CLINs (0104, 0204, 0304, 0404 and 0504):

Cost realism analysis will be performed on each Offeror's estimated cost for Sample Task #2. Cost realism analysis is the process of independently reviewing and evaluating specific elements of each Offeror's proposed cost estimate

to determine whether the estimated proposed cost elements are realistic for the work to be performed; reflect a clear understanding of the requirements; and are consistent with the unique methods of performance and materials described in the Offeror's technical proposal. The Government will use the results of its cost realism analysis to determine the probable cost of performance of the CLINs below for each Offeror. The probable cost may differ from the proposed cost and will reflect the Government's best estimate of the cost of any contract that is most likely to result from the Offeror's proposal. The probable cost will be used for purposes of evaluation to determine the best value. The probable cost is determined by adjusting each Offeror's proposed cost, and fee when appropriate, to reflect any additions or reductions in cost elements to realistic levels.

For Software Development Products CLINs (0104, 0204, 0304, 0404 and 0504), the offeror shall calculate the CLIN Total Cost by multiplying the estimated cost for the sample task #2 by the estimated quantity noted in Section B of this solicitation.

NOTE: Offerors are advised that the labor categories and rates proposed in the Resource Allocation Matrix (Attachment 2) in section J of the RFP and in the Personnel Allocation Matrix will be evaluated under the sample tasks. Labor categories proposed beyond those used in the sample tasks will be evaluated for cost realism and price reasonableness, as appropriate since they will be included in the contract for purposes of pricing future delivery orders, however, will not be included in the total evaluated price.

2.2 Price Reasonableness. Generally, adequate price competition establishes price reasonableness. Price Reasonableness will include an evaluation of the Total Evaluated Priced when compared among all offers. However, the Government may also use current or recent pricing for the same or similar items, commercial published data, Government estimates, industry standards, or other information as deemed appropriate by the Government to establish price reasonableness. If price analysis is not sufficient to determine price reasonableness, a cost analysis, to include Offeror Reference Documentation, will be performed as-needed. After receipt of proposals, if the PCO determines that adequate price competition does not exist and that none of the exceptions in FAR 15.403-1(b) apply, the offerors will be required to provide certified cost and pricing data in accordance with FAR 15.403-4.

2.3 Balanced Unit Pricing. Proposals will be analyzed to determine if the prices are materially unbalanced for the Core Software Sustainment CLINs (0102, 0202, 0302, 0402 and 0502). Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items is significantly over or understated as indicated by the application of price analysis techniques. An unbalanced offer may pose an unacceptable risk to the Government and may be rejected.

2.4 Consistency. Each offeror's proposed price/cost for each sample task for Software Development Products (FFP) CLINs (0103, 0203, 0303, 0403 and 0503), Software Development Products (CPFF) CLINs (0104, 0204, 0304, 0404 and 0504), Software Upgrade Products (FFP) CLINs (0105, 0205, 0305, 0405 and 0505), Hardware System Development and Technical Refresh (FFP) CLINs (0106, 0206, 0306, 0406 and 0506), Documentation (FFP) CLINs (0107, 0207, 0307, 0407 and 0507), and System Administration/Information Assurance (FFP) CLINs (0108, 0208, 0308, 0408 and 0508) shall be evaluated to determine consistency between labor categories and rates proposed in the Resource Allocation Matrix , Attachment 2 in Section J, and those proposed for the technical/management approach for each sample task.

2.5 Completeness. Each offeror's proposal will be evaluated for completeness and compliance with the requirements stipulated in provision L, B, 2.4(a)(b)(c)(d)(e)(f) and (g) and completion of Attachment 2, Resource Allocation Matrix. Proposals lacking the required information may be unacceptable for award.

3.0 PAST PERFORMANCE

Past Performance will be evaluated to establish a Performance Confidence Assessment Rating that will reflect the Government's confidence that the Offeror will successfully perform the requirements in the solicitation, based on the Offeror's recent and relevant past performance record. It is a predictor of future performance in accomplishing the

work. There are two aspects to the past performance assessment: relevancy and the demonstrated record of performance.

For each past performance contract submitted with performance within the period stated in Section L.B.3.1 above, the Government will evaluate the past performance contract to determine how relevant it is to this solicitation's effort. Any past performance contract deemed to be Not Relevant will receive no further consideration, with no opportunity to submit a replacement, even if the Government enters into discussions and requests revised proposals.

In determining relevancy, the Government will evaluate scope, magnitude, and complexity of the past performance effort, which includes the similarity of the service/support effort, the contract dollar value, the dollar amount of the effort actually performed under the contract, the contract type, the complexity of the effort, the division and location of the company that will perform the work, and the period of performance. Another aspect of relevancy is how recently the performance occurred. Generally, more recent performance is more relevant than less recent performance, all things being equal. More relevant past performance will typically be a stronger predictor of future success and have more influence on the Past Performance Confidence Assessment than past performance of lesser relevance.

After relevancy is established, the Government will evaluate the Offeror's demonstrated past performance in the following areas:

- Technical and Quality Performance. The government will evaluate the offeror's past performance in the delivery of quality supplies and services, which includes meeting technical requirements, and will also incorporate pertinent assessments from CPARS and Past Performance Questionnaires, if they exist.
- Schedule Performance. The government will evaluate the offeror's past performance in meeting schedule requirements, which will incorporate pertinent assessments from CPARS and Past Performance Questionnaires, if they exist.
- Cost Control Performance. The government will evaluate the offeror's past performance in cost control, which will incorporate pertinent assessments from CPARS and Past Performance Questionnaires, if they exist.
- Management and Subcontracting Performance. The government will evaluate the offeror's past performance in program management and subcontract management, which will incorporate pertinent assessments from CPARS and Past Performance Questionnaires, if they exist.

For those cases where the Contractor may have had systemic performance problems, the degree to which the Offeror can demonstrate that it has successfully applied improvements to resolve systemic problems will be evaluated. Problems not addressed by the Offeror will be considered to still exist.

When the Government has compiled a full assessment of the Offeror's performance, inclusive of the associated relevance, a Performance Confidence Assessment Rating will then be assigned that reflects the Government's level of confidence in the Offeror's ability to successfully perform the required effort based on the Offeror's record of relevant past performance and improvements to resolve systemic performance problems. As part of this assessment, the Government may also take into account any show cause notices, cure notices and terminations for default deemed relevant to this effort.

The Government will not take into account past performance information regarding predecessor companies or key personnel. In assigning a Performance Confidence Assessment rating, past performance effort of the prime performed as a subcontractor will generally not be considered as significant as past performance information of the prime offeror performed as the prime. In addition, in assigning a Performance Confidence Assessment rating, past performance effort of a principal subcontractor or team member generally will not be considered as significant as past performance information of the prime offeror.

The same evaluation procedures above also apply to legal joint venture and partnership offerors. If proposing as a legal joint venture or partnership entity, the offeror should provide up to three past performance references

performed by the joint venture or partnership, and up to two past performance references for each principal subcontractor of the joint venture or partnership. If a joint venture or partnership has three past performance references, the government will not consider past performance references performed by individual team members of the joint venture or partnership unless the team member is a proposed principal subcontractor.

If a joint venture or partnership has less than three past performance references, each team member of the joint venture or partnership may individually submit no more than two references in addition to the past performance references submitted by the joint venture or partnership. The government will not consider past performance references performed by individual team members of the joint venture or partnership unless the offeror's proposal demonstrates how the resources of the individual joint venture or partnership team member - its workforce, management, facilities or other resources - will in fact be provided for meaningful involvement in contract performance. Merely stating that the offeror has access to the resources of an individual joint venture or partnership team member will not be considered relevant to the past performance evaluation.

If an offeror proposes the resources of a corporate parent, division, subsidiary, or affiliate the offeror will not receive past performance credit of the proposed corporate parent, division, subsidiary, or affiliate unless the offeror's proposal demonstrates how the resources of the corporate parent, division, subsidiary, or affiliate - its workforce, management, facilities or other resources - will in fact be provided for meaningful involvement in contract performance that provides at least 10% of the proposed total price/cost (excluding the offeror's profit/fee) for the contract. Merely stating that the offeror has access to the resources of a corporate parent, division, subsidiary, or affiliate is insufficient and will not be considered relevant to the past performance evaluation.

PART C: EVALUATION RATING AND RISK ASSESSMENT DEFINITIONS

The definitions below will be used by the Government when assessing solicitation compliance and the expected results of the Offeror's proposed approach.

1.0 TECHNICAL EVALUATION RATINGS

Technical Ratings: The technical rating assignments reflect the Government's assessment of the quality of the Offeror's technical solution for meeting the Government's requirement.

Technical Ratings		
Color	Rating	Description
Blue	Outstanding	Proposal meets requirements and indicates an exceptional approach and understanding of the requirements. The proposal contains multiple strengths and no deficiencies.
Purple	Good	Proposal meets requirements and indicates a thorough approach and understanding of the requirements. Proposal contains at least one strength and no deficiencies.
Green	Acceptable	Proposal meets requirements and indicates an adequate approach and understanding of the requirements. Proposal has no strengths or deficiencies.
Yellow	Marginal	Proposal does not clearly meet requirements and has not demonstrated an adequate approach and understanding of the requirements.
Red	Unacceptable	Proposal does not meet requirements and contains one or more deficiencies and is unawardable.

2.0 TECHNICAL RISK RATINGS

Technical Risk Ratings: The risk rating assignments reflect the Government's assessment of potential for disruption of schedule, increased cost, degradation of performance, the need for increased Government oversight, or the likelihood of unsuccessful contract performance associated with the Offeror's technical approach.

Rating	Description
Low	Has little potential to cause disruption of schedule, increased cost or degradation of performance. Normal contractor effort and normal Government monitoring will likely be able to overcome any difficulties.
Moderate	Can potentially cause disruption of schedule, increased cost or degradation of performance. Special contractor emphasis and close Government monitoring will likely be able to overcome difficulties.
High	Is likely to cause significant disruption of schedule, increased cost or degradation of performance. Is unlikely to overcome any difficulties, even with special contractor emphasis and close Government monitoring.

3.0 PAST PERFORMANCE RELEVANCY RATINGS

Past Performance Relevancy Ratings: More relevant past performance will typically be a stronger predictor of future success and have more influence on the past performance confidence assessment than past performance of lesser relevance.

Rating	Definition
Very Relevant	Present/past performance effort involved essentially the same scope and magnitude of effort and complexities this solicitation requires.
Relevant	Present/past performance effort involved similar scope and magnitude of effort and complexities this solicitation requires.
Not Relevant	Present/past performance effort involved little or none of the scope and magnitude of effort and complexities this solicitation requires.

4.0 PERFORMANCE CONFIDENCE ASSESSMENT RATINGS

Performance Confidence Assessment Rating: Performance Confidence Assessment rating assignments reflect the Government's confidence that the Offeror will successfully perform the solicitation's requirements based on the Offeror's recent and relevant past performance record.

Rating	Description
Substantial Confidence	Based on the Offeror's recent/relevant performance record, the Government has a high expectation that the Offeror will successfully perform the required effort.
Satisfactory Confidence	Based on the Offeror's recent/relevant performance record, the Government has a reasonable expectation that the Offeror will successfully perform the required effort.
Limited Confidence	Based on the Offeror's recent/relevant performance record, the Government has a low expectation that the Offeror will successfully perform the required effort.
No Confidence	Based on the Offeror's recent/relevant performance record, the Government has no expectation that the Offeror will be able to successfully perform the required effort.
Unknown Confidence (Neutral)	No recent/relevant performance record is available or the

	Offeror's performance record is so sparse that no meaningful confidence assessment rating can be reasonably assigned.
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5.0 OTHER DEFINITIONS

Strengths: An aspect of an Offeror's proposal that has merit or exceeds specified performance or capability requirements in a way that will be advantageous to the Government during contract performance.

Weakness: A flaw in the proposal that increases the risk of unsuccessful contract performance. (FAR15.001)

Significant Weakness: A flaw that appreciably increases the risk of unsuccessful contract performance. (FAR 15.001)

Deficiency: a material failure of a proposal to meet a Government requirement or a combination of significant weaknesses in a proposal that increase the risk of unsuccessful contract performance to an unacceptable level. (FAR 15.001)

Recency: as it pertains to past performance information, is a measure of the time that has elapsed since the past performance reference occurred. Recency is generally expressed as a time period during which past performance references are considered relevant.

Relevancy: as it pertains to past performance information, is a measure of the extent of similarity between the service/support effort, complexity, dollar value, contract type, and subcontract/teaming or other comparable attributes of past performance examples and the source solicitation requirements; and a measure of the likelihood that the past performance is an indicator of future performance.

Risk: as it pertains to source selection, is the potential for unsuccessful contract performance. The consideration of risk assesses the degree to which an offeror's proposed approach to achieving the technical factor or subfactor may involve risk of disruption of schedule, increased cost or degradation of performance, the need for increased Government oversight, and the likelihood of unsuccessful contract performance.

Risk Reducer: An aspect of an offeror's proposal that reduces risk in a way that will be advantageous to the Government during contract performance.

Uncertainty: An aspect of the proposal that affects the Government's ability to determine if a requirement will be met.