

SOLICITATION, OFFER AND AWARD			1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		RATING DO-A70	PAGE OF PAGES 1 186
2. CONTRACT NO.		3. SOLICITATION NO. N00164-10-R-GR69	4. TYPE OF SOLICITATION [] SEALED BID (IFB) [X] NEGOTIATED (RFP)	5. DATE ISSUED 04 Dec 2009	6. REQUISITION/PURCHASE NO.	
7. ISSUED BY NAVAL SURFACE WARFARE CENTER CRANE DIV DEBORAH FRICK BLDG. 3168 CODE 0664EN 300 HIGHWAY 361 CRANE IN 47522-5000 DEBORAH.FRICK@NAVY.MIL			CODE N00164	8. ADDRESS OFFER TO (If other than Item7) See Item 7		CODE TEL: FAX:

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

SOLICITATION

9. Sealed offers in original and 1 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 BLDG 3168 until 05:00 PM local time 04 Jan 2009
(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 DEBORAH FRICK	B. TELEPHONE (Include area code) (NO COLLECT CALLS) 812-854-3707	C. E-MAIL ADDRESS deborah.frick@navy.mil
---------------------------	--------------------------	---	---

11. TABLE OF CONTENTS

(X)	SEC.	DESCRIPTION	PAGE(S)	(X)	SEC.	DESCRIPTION	PAGE(S)
PART I - THE SCHEDULE				PART II - CONTRACT CLAUSES			
X	A	SOLICITATION/ CONTRACT FORM	1	X	I	CONTRACT CLAUSES	28 - 43
X	B	SUPPLIES OR SERVICES AND PRICES/ COSTS	2 - 9	PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS			
X	C	DESCRIPTION/ SPECS./ WORK STATEMENT	10 - 12	X	J	LIST OF ATTACHMENTS	44
X	D	PACKAGING AND MARKING	13 - 14	PART IV - REPRESENTATIONS AND INSTRUCTIONS			
X	E	INSPECTION AND ACCEPTANCE	15 - 18	X	K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS	45 - 57
X	F	DELIVERIES OR PERFORMANCE	19 - 20	X	L	INSTRS., CONDS., AND NOTICES TO OFFERORS	58 - 64
X	G	CONTRACT ADMINISTRATION DATA	21 - 26	X	M	EVALUATION FACTORS FOR AWARD	65 - 186
X	H	SPECIAL CONTRACT REQUIREMENTS	27				

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

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
24. ADMINISTERED BY (If other than Item7) 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

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0001	Tech Refresh Kit, Grade A shock (MIL-S-901D) qualified, for U.S. Navy ships utilizing the AN/SPS-73(V)12 Radar System. Kits to be In accordance with the Statement of Work in Section C.	Min 10, Max 161	Each	See Below	See Below
FOB: Destination					
FFP					

	Year 1	Year 2	Year 3	Year 4	Year 5
1					
10					
30					
50					

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0002	Tech Refresh Kit for U.S. Coast Guard ships utilizing the AN/SPS-73(V)12 Radar System. Kits to be In accordance with the Statement of Work in Section C.	Min 10, Max 331	Each	See Below	See Below
FOB: Destination					
FFP					

	Year 1	Year 2	Year 3	Year 4	Year 5
Qty					
1					
10					
30					
50					
100					
150					

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0003	Installation and Check Out (INCO) Kits for U.S. Navy and U.S. Coast Guard ships utilizing the AN/SPS-73(V)12 Radar System. Kits to be In accordance with the Statement of Work in Section C.	Min 1, Max 8	Each	See Below	See Below
	FOB: Destination				
	FFP				

Qty	Year 1	Year 2	Year 3	Year 4	Year 5
1					
2					
4					

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0004	Data Contract Data Requirements List (CDRLs) A001-A028, A035-A037, A052 and A057 in accordance with DD Form 1423	1	Lot	NSP	NSP
	FOB: Destination				
	FFP				

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0005	Updates to the existing Interactive Electronic Technical Manual (IETM) in accordance with Contract Data Requirement List (CDRL) DD Forms 1423-1, CDRLs A038-A045	Min 0, Max 1	Each		
FOB: Destination					
FFP					

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0006	Updates to the existing Operators Computer Based Instruction (CBI) in accordance with Contract Data Requirement List (CDRL) DD Forms 1423-1, CDRLs A046-A050	Min 0, Max 1	Lot		
FOB: Destination					
FFP					

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0007	New Tech Refresh Interactive Electronic Maintenance Course (IEMC) in accordance with Contract Data Requirement List (CDRL) DD Forms 1423-1, CDRLs A059-A072	Min 0, Max 1	Lot		
FOB: Destination					
FFP					

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0008	Train the Trainers Seminar on IETM in accordance with Contract Data Requirement List (CDRL) DD Form 1423-1, CDRL A051	Min 0, Max 1	Lot		
	FOB: Destination				
	FFP				

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0009	Data in accordance with Contract Data Requirement List (CDRL) DD Form 1423-1, CDRL A029-A034, A053-A058	Min 0, Max 1	Lot		
	FOB: Destination				
	FFP				

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0010	Provisioning Items/Spare Parts for FY'12 In accordance with the Statement of Work in Section C	1	Lot		
OPTION					
	FOB: Destination				
	FFP				

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0011	Provisioning Items/Spare Parts for FY'13 In accordance with the Statement of Work in Section C	1	Lot		
OPTION					
	FOB: Destination				
	FFP				

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0012	Provisioning Items/Spare Parts for FY'14 In accordance with the Statement of Work in Section C	1	Lot		
OPTION					
	FOB: Destination				
	FFP				

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0013	Provisioning Items/Spare Parts for FY'15 In accordance with the Statement of Work in Section C	1	Lot		
OPTION					
	FOB: Destination				
	FFP				

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0014	Provisioning Items/Spare Parts for FY'16 In accordance with the Statement of Work in Section C	1	Lot		
OPTION					
	FOB: Destination				
	FFP				

CLAUSES INCORPORATED BY FULL TEXT

CNIN-B-0007

It is requested that technical questions concerning this procurement be submitted, in writing, to arrive at NAVSURFWARCENDIV Crane not later than 2:00 PM EDT on the seventh calendar day preceding the closing date shown on page 1 addressed as follows:

CONTRACTING OFFICER BLDG 3168 CODE CXMR-UN
 NAVSURFWARCENDIV
 300 HIGHWAY 361
 CRANE IN 47522-5000
 or E-mail questions to deborah.frick@navy.mil

CNIN-B-0006 PRICING OF STEPLADDER QUANTITY RANGE - (CLINs 0001-0003)

Offerors must submit pricing for all stepladder quantities contained in the quantity range for CLINs 0001-0003. In order to permit the government to award maximum quantities within available funding, offerors shall permit the government to interpolate prices between stepladder quantities on a straight line basis for CLINs 0001, 0002 and 0003.

In order to provide for linear pricing (i.e. straight line extrapolation) for quantities that fall in-between those listed above, the following formula will apply:

$$\text{EXTRAPAPOLATED UNIT PRICE (EUP)} = \text{UP}_{\text{NH}} + [(Q_{\text{H}} - Q_{\text{O}}) * ((\text{UP}_{\text{NL}} - \text{UP}_{\text{NH}}) / (Q_{\text{H}} - Q_{\text{L}}))]$$

- Where: UP_{NH} = Unit Price for the upper range limit in the applicable ordering period
- UP_{NL} = Unit Price for the lower range limit in the applicable ordering period
- Q_{H} = Quantity at the range upper limit
- Q_{L} = Quantity at the range lower limit
- Q_{O} = Quantity ordered

The Government reserves the right to order quantities not specifically listed above but within the ranges listed in the tables.

CNIN-B-0008 Data Rights

The Government shall have unlimited data rights to all data generated in accordance with DFARS 252.227-7013 unless an assertion is provided and accepted by the Government with the offer IAW DFARS 252.227-7017.

NOTICE:**HANDLING OF PROPOSAL DATA & CORRESPONDENCE BY CONTRACTOR SUPPORT PERSONNEL**

You are hereby notified that contractor support personnel within the NSWC Crane Acquisition Division may be handling your Bid and Proposal or Quote data as well as other correspondence and documentation concerning this action. Non-disclosure statements have been executed by all contractor support personnel participating in the process and are maintained by the Acquisition Division of NSWC Crane.

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

(a) As part of the negotiated fixed price or total estimated amount of this contract, 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 \$500 or less at the time of final contract closeout. The term "residual dollar amount" shall include all money that would otherwise be owed to either party at the end of the contract, except that, amounts connected in any way with taxation, allegations of fraud and/or antitrust violations shall be excluded. For purposes of determining residual dollar amounts, offsets of money owed by one party against money that would otherwise be paid by that party may be considered to the extent permitted by law.

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

NOTE: DRAFT SOLICITATION

Note: This is a Draft Solicitation only. It is meant for industry review and comment. It is not a request for Proposal

The purpose of this draft copy of pending solicitation N00164-10-R-GR69 is to request questions and encourage comment from all interested companies by 4 January 2010. Portions of the solicitation may be changed due to comments received by that time. Therefore, review all of the document. Sections L&M are included to illustrate the type of source selection to be used and the kind of information offerors will be requested provide for the formal solicitation. No proposals are required to be submitted at this time.

The baseline AN/SPS-73(V)12 Radar utilizes proprietary interface software code Radar Data Service Communication Software (RDSCOMM©), which the Government can not provide. As part of the Draft Solicitation process, therefore, contractors may make an appointment to come to NSWC Crane from one to two working days to observe operational AN/SPS-73(V) radar. On an as available basis and in response to a written request to the Government Contracting Officer, operational AN/SPS-73(V) radar may be furnished as Government Furnished Equipment (GFE). The contractor assumes full responsibility for the material/operational condition of any GFE received and all shipping and handling costs. The maximum

period of contractor custody of GFE is for one year unless the contractor is selected for award. In that case the GFE possession may be renewed for the life of the contract.

**The point of contact is CONTRACTING OFFICER BLDG 3168 CODE CXMR-UN
NAVSURFWARCENDIV
300 HIGHWAY 361
CRANE IN 47522-5000
or E-mail questions to deborah.frick@navy.mil**

Section C - Descriptions and Specifications

STATEMENT OF WORK

The Statement of Work is an attachment hereto. See Section "J."

CLAUSES INCORPORATED BY FULL TEXT

HQ-C-1-0003 ITEM(S) 0010-0014 - PROVISIONED ITEMS ORDER (NAVSEA) (APR 1999)

(a) General. The Contractor agrees that it will furnish the supplies or services ordered by the Government in accordance with the procedures specified herein. Orders may be placed by the Contracting Officer, Provisioning Activity or Administrative Contracting Officer as unilateral or bilateral modifications to this contract on SF 30, Amendment of Solicitation/Modification of Contract. Any amounts shown in Section B at time of award of the initial contract for each provisioned line item are estimated amounts only and are subject to upward or downward adjustment by the issuing activity. If no amounts are shown, funding will be obligated before or at time of order issuance. It is understood and agreed that the Government has no obligation under this contract to issue any orders hereunder.

(b) Priced Orders. For each proposed order, the Contractor agrees that it will submit such cost or pricing data as the Contracting Officer may require. Promptly thereafter, the Contractor and the Contracting Officer shall negotiate the price and delivery schedule for the proposed order. Upon execution and receipt of the priced order, the Contractor shall promptly commence the work specified in the order.

(c) Unfinalized Orders. Whenever the Contracting Officer determines that urgent demands or requirements prevent the issuance of a priced order, he/she may issue an unpriced order. Such order may be unilateral or bilateral and shall establish a limitation on Government liability, a maximum ceiling amount, and a schedule for finalization, as described in subparagraph (e)(2) below. Upon request the Contractor shall submit a maximum ceiling amount proposal before the unfinalized order is issued. The maximum ceiling amount is the maximum price at which the order may be finalized. The Contractor shall begin performing the unfinalized order upon receipt, except as provided in paragraph (d) below. The clause entitled "CONTRACT FINALIZATION" (DFARS 252.217-7027) shall be included in any unfinalized order.

(d) Rejection of Unilateral Orders. The Contractor may reject any unilateral order if the Contractor determines that it cannot feasibly perform the order, or if the Contractor does not concur with the maximum ceiling amount. However, each unilateral order shall be deemed to have been accepted by the Contractor unless within fifteen days of issuance of the order, the Contractor notifies the Contracting Officer in writing of its rejection of the order.

(e) Finalization of Unfinalized Orders.

(1) The Contractor agrees that following the issuance of an unfinalized order, it will promptly begin negotiating with the Contracting Officer the price and terms of a definitive order that will include: (A) all clauses required by regulation on the date of the order; (B) all clauses required by law on the date of execution of the definitive order; and, (C) any other mutually agreeable clauses, terms and conditions. No later than sixty (60) days after the unfinalized order is issued, the contractor agrees to submit a cost proposal with sufficient data to support the accuracy and derivation of its price; and, when required by FAR, cost or pricing data, including SF 1411. If additional cost information is available prior to the conclusion of negotiations, the Contractor shall provide that information to the Contracting Officer. The price agreed upon shall be set forth in a bilateral modification to the order. In no event shall the price exceed the maximum ceiling amount specified in the unfinalized order.

(2) Each unfinalized order shall contain a schedule for finalization which shall include a target date for finalization and dates for submission of a qualifying proposal, beginning of negotiations and, if appropriate, submission of make-or-buy and subcontracting plans and cost or pricing data. Submission of a qualifying proposal in accordance with the finalization schedule is a material element of the order. The schedule shall provide for finalization of the order by the earlier of:

(i) a specified target date which is not more than 180 days after the issuance of the undefinitized order. However, that target date may be extended by the Contracting Officer for up to 180 days after the Contractor submits a qualifying proposal as defined in DFARS 217.7401; or

(ii) the date on which the amount of funds expended by the Contractor under the undefinitized order exceed fifty percent (50%) of the order's maximum ceiling amount, except as provided in subparagraph (f)(3) below.

(3) If agreement on a definitive order is not reached within the time provided pursuant to subparagraph (e)(2) above, the Contracting Officer may, with the approval of the Head of the Contracting Activity, determine a reasonable price in accordance with Subpart 15.8 and Part 31 of the FAR, and issue a unilateral order subject to Contractor appeal as provided in the "DISPUTES" clause (FAR 52.233-1). In any event, the Contractor shall proceed with completion of the order, subject to the "LIMITATION OF GOVERNMENT LIABILITY" clause (FAR 52.216-24).

(f) Limitation of Government Liability.

(1) Each undefinitized order shall set forth the limitation of Government liability, which shall be the maximum amount that the Government will be obligated to pay the Contractor for performance of the order until the order is definitized. The Contractor is not authorized to make expenditures or incur obligations exceeding the limitation of Government liability set forth in the order. If such expenditures are made, or if such obligations are incurred, they will be at the Contractor's sole risk and expense. Further, the limitation of liability shall be the maximum Government liability if the order is terminated. The "LIMITATION OF GOVERNMENT LIABILITY" clause shall be included in any undefinitized order.

(2) Except for undefinitized orders for Foreign Military Sales; purchases of less than \$25,000; special access programs; and Congressionally-mandated long-lead procurements; and except as otherwise provided in subparagraph (f)(3) below, the limitation of Government liability shall not exceed fifty percent (50%) of the ceiling amount of an undefinitized order. In the case of orders within these excepted categories, however, the procedures set forth herein shall be followed to the maximum extent practical.

(3) If the Contractor submits a qualifying proposal (as defined in DFARS 217.7401) to definitize an order before the Contractor has incurred costs in excess of fifty percent (50%) of the ceiling amount, the Contracting Officer may increase the limitation of Government liability to up to seventy-five percent (75%) of the maximum ceiling amount or up to seventy-five percent (75%) of the price proposed by the Contractor, whichever is less.

(4) If at any time the Contractor believes that its expenditure under an undefinitized order will exceed the limitation of Government liability, the Contractor shall so notify the Contracting Officer, in writing, and propose an appropriate increase in the limitation of Government liability of such order. Within thirty (30) days of such notice, the Contracting Officer will either (i) notify the Contractor in writing of such appropriate increase, or (ii) instruct the Contractor how and to what extent the work shall be continued; provided, however, that in no event shall the Contractor be obligated to proceed with work on an undefinitized order beyond the point where its costs incurred plus a reasonable profit thereon exceed the limitation of Government liability, and provided also that in no event shall the Government be obligated to pay the Contractor any amount in excess of the limitation of Government liability specified in any such order prior to establishment of firm prices.

(g) Initial Spares. The limitations set forth in paragraph (c) and subparagraphs (e)(2), (f)(2) and (f)(3) do not apply to undefinitized orders for the purchase of initial spares.

(h) Terminal Date for Placement of Orders. The Contractor shall not be obligated to accept any orders placed hereunder beyond 180 days after delivery of the last end item.

(i) Segregation of Costs. The Contractor shall segregate the costs of performance of each undefinitized order from the cost of performance of any other work performed by the Contractor.

HQ-C-2-0008 ASSIGNMENT AND USE OF NATIONAL STOCK NUMBERS (NAVSEA) (MAY 1993)

To the extent that National Stock Numbers (NSNs) or preliminary NSNs are assigned by the Government for the identification of parts, pieces, items, subassemblies or assemblies to be furnished under this contract, the Contractor shall use such NSNs or preliminary NSNs in the preparation of provisioning lists, package labels, packing lists, shipping containers and shipping documents as required by applicable specifications, standards or Data Item

Descriptions of the contract or as required by orders for spare and repair parts. The cognizant Government Contract Administration Office shall be responsible for providing the Contractor such NSNs or preliminary NSNs which may be assigned and which are not already in possession of the Contractor.

HQ-C-2-0023 EXCLUSION OF MERCURY (NAVSEA) (JAN 2008)

Mercury or mercury containing compounds shall not be intentionally added or come in direct contact with hardware or supplies furnished under this contract.

HQ-C-2-0051 SPECIFICATIONS AND STANDARDS (NAVSEA) (AUG 1994)

(a) Definitions.

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

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

(b) Requirements.

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

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

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

Section D - Packaging and Marking

CLAUSES INCORPORATED BY FULL TEXT

CNIN-D-0004 MARKING FOR SHIPMENT

The Contractor shall mark all shipments under a resulting contract to include the following items:

Contract Number; Item Number; Lot Number (when applicable); Part Number; National Stock Number; Contractor Model Number; Serial Number; Packing Date; Attn: Code GXLL, Bldg.3168

CLAUSES INCORPORATED BY FULL TEXT

CNIN-D-0005 PROHIBITED PACKING MATERIALS

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

CNIN-D-0006 INSTRUCTIONS FOR MARKING DISTRIBUTION STATEMENT

The Contractor shall comply with the instructions cited below for placement of the distribution statement associated with data. The applicable distribution statement is identified on each Contract Data Requirements List (DD Form 1423-1).

The distribution statement shall be displayed conspicuously on technical documents so as to be recognized readily by receipts. The distribution statement shall appear on each front cover and title page of a report. If the technical document does not have a cover or title page, the applicable distribution statement shall be stamped or typed on the front page in a conspicuous position.

HQ D-2-0004 IDENTIFICATION MARKING OF PARTS (NAVSEA) (NOV 1996)

Identification marking of individual parts within the systems, equipments, assemblies, subassemblies, components, groups, sets or kits, and of spare and repair parts shall be done in accordance with applicable specifications and drawings. To the extent identification marking of such parts is not specified in applicable specifications or drawings, such marking shall be accomplished in accordance with the following:

- (1) Parts shall be marked in accordance with generally accepted commercial practice.
- (2) In cases where parts are so small as not to permit identification marking as provided above, such parts shall be appropriately coded so as to permit ready identification.

HQ-D-2-0006 MARKING AND PACKING LIST(S) (NAVSEA) (NOV 1996)

- (a) Marking. Shipments, shipping containers and palletized unit loads shall be marked in accordance with best commercial practice.
- (b) Packing List(s). A packing list (DD Form 250 Material Inspection and Receiving Report may be used) identifying the contents of each shipment, shipping container or palletized unit load shall be provided by the Contractor with each shipment. When a contract line item identified under a single stock number includes an assortment of related items such as kit or set components, detached parts or accessories, installation hardware or material, the packing list(s) shall identify the assorted items. Where assortment of related items is included in the shipping container, a packing list identifying the contents shall be furnished.
- (c) Master Packing List. In addition to the requirements in paragraph (b) above, a master packing list shall be prepared where more than one shipment, shipping container or palletized unit load comprise the contract line item being shipped. The master packing list shall be attached to the number one container and so identified.
- (d) Part Identification. All items within the kit, set, installation hardware or material shall be suitably segregated and identified within the unit pack(s) or shipping container by part number and/or national stock number.

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

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

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

PEO IWS 2RI
(Name of Individual Sponsor)
NAVSURFWARCEN, Crane Div
(Name of Requiring Activity)
Crane Indiana
(City and State)

Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	Destination	Government	Destination	Government
0002	Destination	Government	Destination	Government
0003	Destination	Government	Destination	Government
0004	Destination	Government	Destination	Government
0005	Destination	Government	Destination	Government
0006	Destination	Government	Destination	Government
0007	Destination	Government	Destination	Government
0008	Destination	Government	Destination	Government
0009	Destination	Government	Destination	Government
0010	Destination	Government	Destination	Government
0011	Destination	Government	Destination	Government
0012	Destination	Government	Destination	Government
0013	Destination	Government	Destination	Government
0014	Destination	Government	Destination	Government

CLAUSES INCORPORATED BY REFERENCE

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

CLAUSES INCORPORATED BY FULL TEXT

CNIN-E-0001 INSPECTION AND ACCEPTANCE (SPECIAL CONDITIONS)

- (a) Initial inspection of the supplies to be furnished hereunder shall be made by DCMA at the contractor's or subcontractor's plant located at TBD. The cognizant inspector shall be notified when the material is available for inspection. The place designated for such actions may not be changed without authorization of the Contracting Officer. Final inspection and acceptance shall be made by NSWC Crane within 30 days after receipt.
- (b) Initial inspection shall consist of quality assurance at point of manufacture and/or assembly and check/test prior to shipment. Final inspection and acceptance will be made by the Receiving Activity after installation/check out/testing of the supplies.

CLAUSES INCORPORATED BY FULL TEXT

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

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

CLAUSES INCORPORATED BY FULL TEXT

HQ E-2-0003 CALIBRATION SYSTEM REQUIREMENTS (NAVSEA)
(MAY 1995)

Calibration System Requirements. The calibration of measuring and testing equipment shall, as a minimum, adhere to the requirements of ANSI/NCSL Z540-1.

CLAUSES INCORPORATED BY FULL TEXT

HQ E-2-0006 GOVERNMENT FURNISHED MATERIAL (NAVSEA) (MAY 1995)

Government Furnished Material: When material is furnished by the Government, the contractor's procedures shall include at least the following:

- (a) Examination upon receipt, consistent with practicality, to detect damage in transit;
- (b) Inspection for completeness and proper type;
- (c) Periodic inspection and precautions to assure adequate storage conditions and to guard against damage from handling and deterioration during storage;
- (d) Functional testing, either prior to or after installation, or both, as required by contract to determine satisfactory operation;
- (e) Identification and protection from improper use or disposition; and
- (f) Verification of quantity.

Damaged Government Furnished Material: The contractor shall report to the Government representative any Government-furnished property found damaged, malfunctioning, or otherwise unsuitable for use. In event of damage or malfunction during or after installation, the contractor shall determine and record probable cause and necessity for withholding material from use.

Bailed Property: The contractor shall, as required by the terms of the Bailment Agreement, establish procedures for the adequate storage, maintenance, and inspection of bailed Government property. Records of all inspections and maintenance performed on bailed property shall be maintained. These procedures and records shall be subject to review by the Government representative.

[As used in the foregoing, the term "material" applies to Government-furnished equipment to be installed in or furnished with the end item. The term "property" is Government equipment that is used in the fabrication or assembly of the end item, and is not delivered as part of the end item.]

CLAUSES INCORPORATED BY FULL TEXT

HQ E-2-0008 INSPECTION AND TEST RECORDS (NAVSEA) (MAY 1995)

Inspection and Test Records: Inspection and test records shall, as a minimum, indicate the nature of the observations, number of observations made, and the number and type of deficiencies found. Data included in inspection and test records shall be complete and accurate, and shall be used for trend analysis and to assess corrective action and effectiveness.

CLAUSES INCORPORATED BY FULL TEXT

HQ E-2-0014 QUALITY IN SOFTWARE DEVELOPMENT AND PRODUCTION (NAVSEA) (MAY 1995)

Quality in Software Development and Production: The contractor's software quality program shall be an integral part of the overall Quality Assurance Program. Software quality program controls shall be applicable to all project software that is developed, maintained, or modified within the following categories:

- (a) All deliverable software
- (b) All deliverable software that is included as part of deliverable hardware or firmware.
- (c) Non deliverable software (commercially available or user-developed) used for development, fabrication, testing, or acceptance of deliverable software or hardware (includes automated fabrication, test, and inspection/acceptance equipment software and software design, test, and inspection tools).
- (d) Commercially available, reusable, or Government software designated as part of a deliverable item.

CLAUSES INCORPORATED BY FULL TEXT

HQ E-2-0015 QUALITY SYSTEM REQUIREMENTS (NAVSEA) (MAY 1995)

Quality System Requirements. The Contractor shall provide and maintain a quality system that, as a minimum, adheres to the requirements of ANSI/ASQC Q9001-1994 Quality Systems-Model for Quality Assurance in Design/Development, Production, Installation, and Servicing and supplemental requirements imposed by this contract. The quality system procedures, planning, and all other documentation and data that comprise the quality system shall be made available to the Government for review. Existing quality documents that meet the requirements of this contract may continue to be used. The Government may perform any necessary inspections, verifications, and evaluations to

ascertain conformance to requirements and the adequacy of the implementing procedures. The Contractor shall require of subcontractors a quality system achieving control of the quality of the services and/or supplies provided. The Government reserves the right to disapprove the quality system or portions thereof when it fails to meet the contractual requirements.

CLAUSES INCORPORATED BY FULL TEXT

HQ E-2-0016 SUPPLEMENTAL QUALITY REQUIREMENTS (NAVSEA) (MAR 2001)

Supplementary Quality Requirements: The contractor shall implement a documented inspection system in accordance with the following paragraphs/subparagraphs of ANSI/ASQC Q9002-1994, Quality Systems - Model for Quality Assurance in Production, Installation, and Servicing:

- 4.2 Quality System
 - 4.2.1 General
 - 4.2.2 Quality System Procedures
- 4.5 Document and Data Control
 - 4.5.1 General
 - 4.5.2 Document and Data Approval and Issue
 - 4.5.3 Document and Data Changes
- 4.6 Purchasing
 - 4.6.1 General
 - 4.6.4.2 Customer Verification of Subcontracted Product
- 4.7 Control of Customer-Supplied Product
- 4.9 Process Control
- 4.10 Inspection and Testing
 - 4.10.1 General
 - 4.10.2 Receiving Inspection and Testing
 - 4.10.2.1 Receiving Inspection and Testing
 - 4.10.2.2 Receiving Inspection and Testing
 - 4.10.2.3 Receiving Inspection and Testing
 - 4.10.3 In-process Inspection and Testing
 - 4.10.4 Final Inspection and Testing
 - 4.10.5 Inspection and Test Records
- 4.11 Control of Inspection, Measuring, and Test Equipment
 - 4.11.1 General
 - 4.11.2 Control Procedures
- 4.12 Inspection and Test Status
- 4.13 Control of Nonconforming Product
 - 4.13.1 General
 - 4.13.2 Review and Disposition of Nonconforming Product
- 4.14 Corrective and Preventive Action
 - 4.14.2 Corrective Action
- 4.16 Control of Quality Records

The Contractor may also elect to use another inspection system meeting the above requirements. Whichever inspection system the Contractor elects to implement shall be utilized throughout the entire life cycle of the contract. In addition, the Contractor shall notify the PCO and the cognizant ACO, in writing, which system is selected.

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	6 mths. ADC	IAW Delivery Order	NAVAL SURFACE WARFARE CENTER CRANE DIV TRACY A. PRIDE BLDG 3168 CODE GXR 300 HIGHWAY 361 CRANE IN 47522-5001 812-854-4504 FOB: Destination	N00164
0002	6 mths. ADC	IAW Delivery Order	(SAME AS PREVIOUS LOCATION) FOB: Destination	N00164
0003	6 mths. ADC	IAW Delivery Order	(SAME AS PREVIOUS LOCATION) FOB: Destination	N00164
0004	IAW Contract Data Requirements List (CDRL) DD Form 1423-1	IAW CDRL	IAW CDRL	N00164
0005	IAW Contract Data Requirements List (CDRL) DD Form 1423-1	IAW CDRL	IAW CDRL	N00164
0006	IAW Contract Data Requirements List (CDRL) DD Form 1423-1	IAW CDRL	IAW CDRL	N00164
0007	IAW Contract Data Requirements List (CDRL) DD Form 1423-1	IAW CDRL	IAW CDRL	N00164
0008	IAW Contract Data Requirements List (CDRL) DD Form 1423-1	IAW CDRL	IAW CDRL	N00164
0009	IAW Contract Data Requirements List (CDRL) DD Form 1423-1	IAW CDRL	IAW CDRL	N00164
0010	IAW Delivery Order	IAW Delivery Order	(SAME AS PREVIOUS LOCATION) FOB: Destination	N00164
0011	IAW Delivery Order	IAW Delivery Order	(SAME AS PREVIOUS LOCATION) FOB: Destination	N00164

0012	IAW Delivery Order	IAW Delivery Order	(SAME AS PREVIOUS LOCATION) FOB: Destination	N00164
0013	IAW Delivery Order	IAW Delivery Order	(SAME AS PREVIOUS LOCATION) FOB: Destination	N00164
0014	IAW Delivery Order	IAW Delivery Order	(SAME AS PREVIOUS LOCATION) FOB: Destination	N00164

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
52.247-55	F.O.B. Point For Delivery Of Government-Furnished Property	JUN 2003

CLAUSES INCORPORATED BY FULL TEXT

HQ-F-2-0004 DELIVERY LANGUAGE FOR F.O.B. DESTINATION

All supplies hereunder shall be delivered with all transportation charges prepaid, in accordance with the clause hereof entitled "F.O.B. DESTINATION" (FAR 52.247-34).

The Contractor shall not ship directly to a military air or water port terminal without authorization by the cognizant Contract Administration Office.

Except when the Material Inspection and Receiving Report (MIRR) (DD 250) is used as an invoice, the Contractor shall enter unit prices on all MIRR copies. Contract line items shall be priced using actual prices, or if not available, estimated prices. When the price is estimated, an "E" shall be entered after the price.

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

Section G - Contract Administration Data

CLAUSES INCORPORATED BY FULL TEXT

CNIN-G-0001 SPECIAL PAYMENT/INVOICING INSTRUCTIONS

SPECIAL PAYMENT INSTRUCTIONS

Payment instructions will be detailed in each individual delivery order
 Payment is not to be pro-rated.
 ACRNs are to be paid in accordance with contractor's invoice.
 Disburse ACRNs in the order shown:

SPECIAL INVOICE/BILLING INSTRUCTIONS

Invoice/Billing instructions will be detailed in each individual delivery order –
 The contract ACRN associated with each CLIN/SLIN shall be referenced on page 1 of the invoice by
 CLIN/SLIN.
 CLIN 0001-0009: Invoice ACRNs in the order shown:

*** For Cost type contracts the contractor is required to submit an SF1035 as an attachment to the WAWF Cost
 Voucher. Invoices without the supporting documentation (SF1035) will be rejected as an improper
 invoice.*****

CLAUSES INCORPORATED BY FULL TEXT

CNIN-G-0013 CONTRACTOR PERFORMANCE ASSESSMENT RATING SYSTEM (CPARS) (JAN 2001)

- (a) Pursuant to FAR 42.1502, this contract is subject to DoD's Contractor Performance Assessment System (CPARS). CPARS is an automated centralized information system accessible via the Internet that maintains reports of contractor performance for each contract. CPARS is located at <http://www.cpars.navy.mil/>. Further information on CPARS is available at that web-site.
- (b) Under CPARS, the Government will conduct annual evaluations of the contractor's performance. The contractor has thirty (30) days after the Government's evaluation is completed to comment on the evaluation. The opportunity to review and comment is limited to this time period and will not be extended. Failure to review the report at this time will not prevent the Government from using the report.
- (c) The contractor may request a meeting to discuss the CPAR. The meeting is to be requested via e-mail to the CPARS Program Manager no later than seven days following receipt of the CPAR. A meeting will then be held during the contractor's 30-day review period.
- (d) The CPARS system requires the Government to assign the contractor a UserID and password in order to view and comment on the evaluation. Provide the name(s) of at least one individual (not more than three) that will be assigned as your Defense Contractor Representative for CPARS.

NamePhoneE-mail Address (optional)

CLAUSES INCORPORATED BY FULL TEXT

CNIN-G-0014 PAYMENT STATUS INQUIRIES

Status of invoice payments can be obtained from the following web site:

<http://www.dod.mil/dfas/contractorpay/myinvoice.html>

The status of invoice payments can be obtained through the **MOCAS myInvoice (formerly New VPIS)** site listed on the above web site.

It is recommended that the vendor download the “myInvoice Report/Query Instructions”, “Registration Instructions”, and “myInvoice Status Code Document”. You must then register before payment inquiries can be made.

Vendors will register on-line and will be granted access to the myInvoice system if their registration information matches their company information in the CCR, limiting vendors to a view of their own data as defined by their CAGE/DUNS/TIN combinations.

You may also contact one of the DFAS Paying Office Vendor Pay Customer Service Phone Numbers listed below:

DFAS Columbus (North, South, & West Entitlements)	1-800-756-4571
DFAS Charleston (now being paid by DFAS Cleveland)	1-800-756-4571
DFAS Cleveland	1-800-756-4571
DFAS Dayton	1-800-756-4571
DFAS Denver	1-888-898-0887
DFAS Indianapolis	1-888-332-7366
DFAS Lawton (Seaside)	1-888-445-5154
DFAS Lexington	1-859-293-4344
DFAS Limestone	1-800-756-4571
DFAS Norfolk	1-800-209-1628
DFAS Oakland	1-800-731-8096
DFAS Omaha	1-800-756-4571
DFAS Orlando (Army)	1-800-950-9784
DFAS Orlando (Air Force)	1-800-756-4571
DFAS Pacific	1-888-222-6950
DFAS Pensacola	1-800-328-9371
DFAS Rock Island	1-888-332-7742
DFAS Rome	1-800-553-0527
DFAS San Antonio	1-888-478-5636
DFAS San Bernardino	1-800-756-4571
DFAS San Diego	1-800-731-8096
DFAS St. Louis	1-877-782-5680

To determine which system to use or which payment office to call see the following blocks of your contract document for payment offices designation:

Document	Block
SF 26 Award/Contract	12
SF 33 Award/Contract	25

SF 1449 Solicitation/Contract/Order for Commercial Items
DD1155 Order for Supplies or Services

18a
15

CLAUSES INCORPORATED BY FULL TEXT

CNIN-G-0016 ELECTRONIC SUBMISSION OF PAYMENT REQUESTS

DFARS 252.232-7003 is hereby incorporated into the contract by reference. Invoices and backup documentation (i.e. certificates of performance, backup cost data, etc. as required by the contract) shall be submitted via Wide Area Workflow (WAWF) at the WAWF website <https://wawf.eb.mil> if the payment office accepts WAWF transactions.

Contractors are to notify the COR designated in the contract, when applicable, if they plan to utilize WAWF to submit cost vouchers to DFAS for payment and shall notify the COR when invoices are submitted for payment or provide the invoicing schedule to the COR.

Invoices that CANNOT be submitted via WAWF, because the DFAS office is not WAWF enabled or if the vendor is a foreign vendor and does not have a U.S. bank account, shall be submitted in hard copy in accordance with the submission of invoice clause herein to the following address (if different than Page 1):

VENDOR PAY
CODE 057M BLDG 64
NSWC CRANE
300 HIGHWAY 361
CRANE IN 47522-5001

Or e-mail the invoice to the following address:
CRAN_VendorPay@navy.mil
The subject line of the e-mail must read as follows:
Company Name/Contract Number/Order Number

NSWC Crane point of contact for WAWF questions: Cran_Acquisitn_WAWF@navy.mil.

To determine whether a DFAS is WAWF enabled the following website may be reviewed:
<https://wawf.eb.mil>

CLAUSES INCORPORATED BY FULL TEXT

CNIN-G-0018 Contract WAWF Instruction

INVOICE INSTRUCTIONS (NAVSEA) (JUN 2007)

(a) In accordance with the clause of this contract entitled "ELECTRONIC SUBMISSION OF PAYMENT REQUESTS" (DFARS 252.232-7003), the NavalSurface Warfare Center (NSWC) Crane will utilize the DoD Wide Area Workflow Receipt and Acceptance (WAWF) system to accept supplies/services delivered under this contract. This web-based system located at <https://wawf.eb.mil> provides the technology for government contractors and authorized Department of Defense (DoD) personnel to generate, capture and process receipt and payment-related

documentation in a paperless environment. Invoices for supplies/services rendered under this contract shall be submitted electronically through WAWF. Submission of hard copy DD250/invoices may no longer be accepted for payment.

(b) It is recommended that the person in your company designated as the Central Contractor Registration (CCR) Electronic Business (EB) Point of Contact and anyone responsible for the submission of invoices, use the online training system for WAWF at <http://wawftraining.com>. The Vendor, Group Administrator (GAM), and sections marked with an asterisk in the training system should be reviewed. Vendor Quick Reference Guides also are available at <http://acquisition.navy.mil/navyaos/content/view/full/3521/>. The most useful guides are “Getting Started for Vendors” and “WAWF Vendor Guide”.

(c) The designated CCR EB point of contact is responsible for activating the company’s CAGE code on WAWF by calling 1-866-618-5988. Once the company is activated, the CCR EB point of contact will self-register under the company’s CAGE code on WAWF and follow the instructions for a group administrator. After the company is set-up on WAWF, any additional persons responsible for submitting invoices must self-register under the company’s CAGE code at <https://wawf.eb.mil>.

(d) The contractor shall use the following document types, DODAAC codes and inspection and acceptance locations when submitting invoices in WAWF:

Type of Document

- X Invoice and Receiving Report Combo (FFP Supply)
- Invoice as 2-in-1 (FFP Service Only)
- Cost Voucher (Cost Reimbursable, T&M , LH, or FPI)

DODAAC Codes and Inspection and Acceptance Locations

PAY DODAAC:	TBD
WAWF Invoice Type (Select Document to Create Area)	Combo
Inspection/Acceptance Point (Select Document to Create Area)	Preliminary: Contractor Facility Inspect: Desination/ Accept: Destination
Issue By DODAAC	N00164
Admin DODAAC:	TBD
InspectBy DODAAC (if applicable)	N00164: Preliminary by DCMA
Ship To DODAAC	N00164
Acceptor DODAAC:	N00164
LPO DODAAC:	NA

Attachments created in any Microsoft Office product may be attached to the WAWF invoice, e.g., backup documentation, timesheets, etc. Maximum limit for size of each file is 2 megabytes. Maximum limit for size of files per invoice is 5 megabytes.

(e) Before closing out of an invoice session in WAWF, but after submitting the document(s), you will be prompted to send additional email notifications. Click on “Send More Email Notification” and add the acceptor/receiver email addresses noted below in the first email address block, and add any other additional email addresses desired in the following blocks. This additional notification to the government is important to ensure that the acceptor/receiver is aware that the invoice documents have been submitted into WAWF.

Send Additional Email Notification To:
Angela.schaefer@navy.mil
Phone: 812-854-4987

(f) The contractor shall submit invoices/cost vouchers for payment per contract terms and the government shall process invoices/cost vouchers for payment per contract terms. Contractors approved by DCAA for direct billing will submit cost vouchers directly to DFAS via WAWF. Final voucher submission will be approved by the ACO.

Additional WAWF Information:

Check if applicable:

- On the Miscellaneous Tab of the invoice in WAWF attach the cost breakdown (SF 1035) for the cost voucher amount being submitted IAW the invoicing instructions.
- A Certificate of Completion for the services being provided is required per the terms of the contract. Please attach the CofC on the Miscellaneous Tab.

For questions, please send an email to the WAWF Functional Mailbox: Cran_Acquisitn_WAWF@navy.mil.

Contractors shall include, as a minimum, the following information on each receiving report and invoice. The following requirements are taken from FAR 52.232-25 Prompt Payment clause located elsewhere herein. Failure to invoice properly may result in significant payment delays.

1. Name and address of the contractor.
2. Contract/purchase order number or other authorization for supplies delivered or services performed (including order number and contract line item number (CLIN/SLIN)). *If the CLIN and/or SLIN is not listed on the invoice (including WAWF invoices) it will be rejected.*
4. The appropriate contract ACRN listed within the line item and accounting data of the purchase order/contract shall be included on the invoice. *If the appropriate ACRN is not included on the invoice (including WAWF combos) it will be rejected.*
3. Description, quantity, unit of measure, unit price, extended price of supplies delivered or services performed and invoice total.
4. Shipping and payment terms (e.g., shipment number and date of shipment, prompt payments discount terms). Bill of Lading number and weight of shipment will be shown for shipments on government bill of lading.
5. Name (where practicable), title, phone number and mailing address of person to be notified in event of a defective invoice.
6. Any other information or documentation required by other requirements of the contract (such as Evidence of Shipment, Certificate of Conformance, etc.).

For invoices that CANNOT be submitted via WAWF because the DFAS office is not WAWF enabled or if the vendor is a foreign vendor and does not have a U.S. bank account, shall be submitted in hard copy in accordance with the submission of invoice clause herein to the following address (if different than Page 1):

VENDOR PAY
 CODE 057M BLDG 64
 NSWC CRANE
 300 HIGHWAY 361
 CRANE IN 47522-5001

Or e-mail the invoice to the following address:

CRAN_VendorPay@navy.mil

The subject line of the e-mail must read as follows:

Company Name/Contract Number/Order Number

NSWC Crane point of contact for WAWF questions: Cran_Acquisitn_WAWF@navy.mil.

To determine whether a DFAS is WAWF enabled the following website may be reviewed:

<https://wawf.eb.mil>

CLAUSES INCORPORATED BY FULL TEXT

HQ-G-2-0002 CONTRACT ADMINISTRATION DATA LANGUAGE

Enter below the address (street and number, city, county, state and zip code) of the Contractor's facility which will administer the contract if such address is different from the address shown on the SF26 or SF33 as applicable.

HQ-G-2-0004 PURCHASING OFFICE REPRESENTATIVE LANGUAGE

PURCHASING OFFICE REPRESENTATIVE:

COMMANDING OFFICER

ATTN: Deborah A. Frick, CODE CXMRUN, BLDG 3168__

NAVAL SURFACE WARFARE CENTER, CRANE DIVISION

300 HIGHWAY 361

CRANE IN 47522-5000

Telephone No. 812-854- 3707

Section H - Special Contract Requirements

CLAUSES INCORPORATED BY FULL TEXT

NAVSEA 5252.202-9101 ADDITIONAL DEFINITIONS (MAY 1993)

As used throughout this contract, the following terms shall have the meanings set forth below:

- (a) DEPARTMENT - means the Department of the Navy.
- (b) REFERENCES TO THE FEDERAL ACQUISITION REGULATION (FAR) - All references to the FAR in this contract shall be deemed to also reference the appropriate sections of the Defense FAR Supplement (DFARS), unless clearly indicated otherwise.
- (c) REFERENCES TO ARMED SERVICES PROCUREMENT REGULATION OR DEFENSE ACQUISITION REGULATION - All references in this document to either the Armed Services Procurement Regulation (ASPR) or the Defense Acquisition Regulation (DAR) shall be deemed to be references to the appropriate sections of the FAR/DFARS.
- (d) NATIONAL STOCK NUMBERS - Whenever the term Federal Item Identification Number and its acronym FIIN or the term Federal Stock Number and its acronym FSN appear in the contract, order or their cited specifications and standards, the terms and acronyms shall be interpreted as National Item Identification Number (NIIN) and National Stock Number (NSN) respectively which shall be defined as follows:
 - (1) National Item Identification Number (NIIN). The number assigned to each approved Item Identification under the Federal Cataloging Program. It consists of nine numeric characters, the first two of which are the National Codification Bureau (NCB) Code. The remaining positions consist of a seven digit non-significant number.
 - (2) National Stock Number (NSN). The National Stock Number (NSN) for an item of supply consists of the applicable four position Federal Supply Class (FSC) plus the applicable nine position NIIN assigned to the item of supply.

CLAUSES INCORPORATED BY REFERENCE

5252.245-9108 GOVERNMENT-FURNISHED PROPERTY
(PERFORMANCE) (SEP 1990)

OCT 2003

Section I - Contract Clauses

CLAUSES INCORPORATED BY REFERENCE

52.202-1	Definitions	JUL 2004
52.203-3	Gratuities	APR 1984
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	JUL 1995
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	SEP 2007
52.204-4	Printed or Copied Double-Sided on Recycled Paper	AUG 2000
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	SEP 2006
52.211-5	Material Requirements	AUG 2000
52.215-2	Audit and Records--Negotiation	MAR 2009
52.215-8	Order of Precedence--Uniform Contract Format	OCT 1997
52.215-9	Changes or Additions to Make-or-Buy Program	OCT 1997
52.215-14	Integrity of Unit Prices	OCT 1997
52.219-8	Utilization of Small Business Concerns	MAY 2004
52.219-9 (Dev)	Small Business Subcontracting Plan (Deviation)	APR 2008
52.219-9 Alt II (Dev)	Small Business Subcontracting Plan (Apr 2008) Alternate II (Deviation)	OCT 2001
52.222-19	Child Labor -- Cooperation with Authorities and Remedies	AUG 2009
52.222-20	Walsh-Healey Public Contracts Act	DEC 1996
52.222-21	Prohibition Of Segregated Facilities	FEB 1999
52.222-26	Equal Opportunity	MAR 2007
52.222-35	Equal Opportunity For Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans	SEP 2006
52.222-36	Affirmative Action For Workers With Disabilities	JUN 1998
52.222-37	Employment Reports On Special Disabled Veterans, Veterans Of The Vietnam Era, and Other Eligible Veterans	SEP 2006
52.222-50	Combating Trafficking in Persons	FEB 2009
52.223-16 Alt I	IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (Dec 200&0 Alternate I	DEC 2007
52.225-13	Restrictions on Certain Foreign Purchases	JUN 2008
52.226-1	Utilization Of Indian Organizations And Indian-Owned Economic Enterprises	JUN 2000
52.227-1	Authorization and Consent	DEC 2007
52.227-2	Notice And Assistance Regarding Patent And Copyright Infringement	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
52.232-23 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

52.233-1	Disputes	JUL 2002
52.233-3	Protest After Award	AUG 1996
52.242-2	Production Progress Reports	APR 1991
52.242-13	Bankruptcy	JUL 1995
52.243-1	Changes--Fixed Price	AUG 1987
52.244-5	Competition In Subcontracting	DEC 1996
52.244-6	Subcontracts for Commercial Items	AUG 2009
52.245-1	Government Property	JUN 2007
52.245-9	Use And Charges	JUN 2007
52.246-23	Limitation Of Liability	FEB 1997
52.248-1	Value Engineering	FEB 2000
52.249-2	Termination For Convenience Of The Government (Fixed- Price)	MAY 2004
52.249-8	Default (Fixed-Price Supply & Service)	APR 1984
52.253-1	Computer Generated Forms	JAN 1991
252.203-7000	Requirements Relating to Compensation of Former DoD Officials	JAN 2009
252.203-7001	Prohibition On Persons Convicted of Fraud or Other Defense- Contract-Related Felonies	DEC 2008
252.203-7002	Requirement to Inform Employees of Whistleblower Rights	JAN 2009
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7004 Alt A	Central Contractor Registration (52.204-7) Alternate A	SEP 2007
252.205-7000	Provision Of Information To Cooperative Agreement Holders	DEC 1991
252.209-7004	Subcontracting With Firms That Are Owned or Controlled By The Government of a Terrorist Country	DEC 2006
252.211-7007	Reporting of Government-Furnished Equipment in the DoD Item Unique Identification (IUID) Registry	NOV 2008
252.219-7003 (Dev) Alt I	Small Business Subcontracting Plan (DoD Contracts) (Deviation) Alternate I	APR 2007
252.225-7002	Qualifying Country Sources As Subcontractors	APR 2003
252.225-7004	Report of Contract Performance Outside the United States and Canada--Submission after Award	MAY 2007
252.225-7006	Quarterly Reporting of Actual Contract Performance Outside the United States	MAY 2007
252.225-7008	Restriction on Acquisition of Speciality Metals	JUL 2009
252.225-7009	Restriction on Acquisition of Certain Articles Containing Speciality Metals	JUL 2009
252.225-7012	Preference For Certain Domestic Commodities	DEC 2008
252.225-7013	Duty-Free Entry	OCT 2006
252.225-7016	Restriction On Acquisition Of Ball and Roller Bearings	MAR 2006
252.226-7001	Utilization of Indian Organizations and Indian-Owned Economic Enterprises, and Native Hawaiian Small Business Concerns	SEP 2004
252.227-7013	Rights in Technical Data--Noncommercial Items	NOV 1995
252.227-7014	Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation	JUN 1995
252.227-7015	Technical Data--Commercial Items	NOV 1995
252.227-7016	Rights in Bid or Proposal Information	JUN 1995
252.227-7019	Validation of Asserted Restrictions--Computer Software	JUN 1995
252.227-7030	Technical Data--Withholding Of Payment	MAR 2000
252.227-7033	Rights in Shop Drawings	APR 1966
252.227-7037	Validation of Restrictive Markings on Technical Data	SEP 1999
252.232-7003	Electronic Submission of Payment Requests and Receiving Reports	MAR 2008
252.232-7010	Levies on Contract Payments	DEC 2006

252.233-7001	Choice of Law (Overseas)	JUN 1997
252.239-7001	Information Assurance Contractor Training and Certification	JAN 2008
252.243-7001	Pricing Of Contract Modifications	DEC 1991
252.243-7002	Requests for Equitable Adjustment	MAR 1998
252.247-7023	Transportation of Supplies by Sea	MAY 2002
252.247-7024	Notification Of Transportation Of Supplies By Sea	MAR 2000

CLAUSES INCORPORATED BY FULL TEXT

52.215-21 REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA--MODIFICATIONS (OCT 1997)—ALTERNATE IV (OCT 1997)

(a) Submission of cost or pricing data is not required.

(b) Provide information described below:

Contractor shall submit supporting data for all cost elements: Material, Labor, Overhead, Other Direct Costs (ODC) and General and Administrative (G&A) for a cost realism evaluation of the offeror's prices. See CNIN-L-0010 for additional detail.

(End of clause)

52.216-18 ORDERING. (OCT 1995)

(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 Schedule. Such orders may be issued from **date of contract award** through **5 years from date of contract award**.

(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) If mailed, a delivery order or task order is considered "issued" when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

(End of clause)

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 **1**, 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 **the maximum quantity listed for each CLIN**;

- (2) Any order for a combination of items in excess of **the maximum quantities listed for those CLINs**; or
- (3) A series of orders from the same ordering office within **60** 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 **15** 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.

(End of clause)

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 **completion of the last order placed within the five year period of the contract**.

(End of clause)

OPTION FOR INCREASED QUANTITY--SEPARATELY PRICED LINE ITEM (MAR 1989)(NAVSEA VARIATION I)(OCT 1990)

The Government may require the delivery of the numbered line item(s)/subline item(s), identified in the Schedule as an option item(s), in the quantity and at the price(s) stated in the Schedule. If more than one option exists, each option is independent of any other option, and the Government has the right to unilaterally exercise any such option, in whole or in part up to the total quantity specified in the option item, whether or not it has exercised other options.

Option(s) shall be exercised, if at all, by written or telegraphic notice(s) signed by the Contracting Officer and sent within the time(s) specified below:

ITEM(S)	LATEST OPTION EXERCISE DATE
0010	1 year from contract award
0011	2 years from contract award
0012	3 years from contract award
0013	4 years from contract award
0014	5 years from contract award

52.219-4 NOTICE OF PRICE EVALUATION PREFERENCE FOR HUBZONE SMALL BUSINESS CONCERNS (JUL 2005)

(a) Definition. HUBZone small business concern, as used in this clause, means a small business concern that appears on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration.

(b) Evaluation preference. (1) Offers will be evaluated by adding a factor of 10 percent to the price of all offers, except--

(i) Offers from HUBZone small business concerns that have not waived the evaluation preference; and

(ii) Otherwise successful offers from small business concerns.

(2) The factor of 10 percent shall be applied on a line item basis or to any group of items on which award may be made. Other evaluation factors described in the solicitation shall be applied before application of the factor.

(3) A concern that is both a HUBZone small business concern and a small disadvantaged business concern will receive the benefit of both the HUBZone small business price evaluation preference and the small disadvantaged business price evaluation adjustment (see FAR clause 52.219-23). Each applicable price evaluation preference or adjustment shall be calculated independently against an offeror's base offer.

These individual preference amounts shall be added together to arrive at the total evaluated price for that offer.

(c) Waiver of evaluation preference. A HUBZone small business concern may elect to waive the evaluation preference, in which case the factor will be added to its offer for evaluation purposes. The agreements in paragraph (d) of this clause do not apply if the offeror has waived the evaluation preference.

___ Offeror elects to waive the evaluation preference.

(d) Agreement. A HUBZone small business concern agrees that in the performance of the contract, in the case of a contract for

(1) Services (except construction), at least 50 percent of the cost of personnel for contract performance will be spent for employees of the concern or employees of other HUBZone small business concerns;

(2) Supplies (other than procurement from a nonmanufacturer of such supplies), at least 50 percent of the cost of manufacturing, excluding the cost of materials, will be performed by the concern or other HUBZone small business concerns;

(3) General construction, at least 15 percent of the cost of the contract performance incurred for personnel will be spent on the concern's employees or the employees of other HUBZone small business concerns; or

(4) Construction by special trade contractors, at least 25 percent of the cost of the contract performance incurred for personnel will be spent on the concern's employees or the employees of other HUBZone small business concerns.

(e) A HUBZone joint venture agrees that in the performance of the contract, the applicable percentage specified in paragraph (d) of this clause will be performed by the HUBZone small business participant or participants.

(f) A HUBZone small business concern nonmanufacturer agrees to furnish in performing this contract only end items manufactured or produced by HUBZone small business manufacturer concerns. This paragraph does not apply in connection with construction or service contracts.

(End of clause)

52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION (APR 2009)

(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/services/contractingopportunities/sizestandardstopics/>.

(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 334511- assigned to contract number N00164-10-D-GR69.

(Contractor to sign and date and insert authorized signer's name and title).

(End of clause)

52.233-4 APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM (OCT 2004)

United States law will apply to resolve any claim of breach of this contract.

(End of clause)

52.244-2 SUBCONTRACTS (JUN 2007)

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

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

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

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

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

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

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

(2) Is fixed-price and exceeds \$100,000—

(i) For a contract awarded by the Department of Defense, the Coast Guard, or the National Aeronautics and Space Administration, the greater of the simplified acquisition threshold or 5 percent of the total estimated cost of the contract; or \$1,000,000

(ii) For a contract awarded by a civilian agency other than the Coast Guard and the National Aeronautics and Space Administration, either the simplified acquisition threshold or 5 percent of the total estimated cost of the contract.

(d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer's written consent before placing the following subcontracts:

None

(e)(1) The Contractor shall notify the Contracting Officer reasonably in advance of placing any subcontract or modification thereof for which consent is required under paragraph (b), (c), or (d) of this clause, including the following information:

(i) A description of the supplies or services to be subcontracted.

(ii) Identification of the type of subcontract to be used.

(iii) Identification of the proposed subcontractor.

(iv) The proposed subcontract price.

(v) The subcontractor's current, complete, and accurate cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions.

(vi) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract.

(vii) A negotiation memorandum reflecting—

(A) The principal elements of the subcontract price negotiations;

(B) The most significant considerations controlling establishment of initial or revised prices;

(C) The reason cost or pricing data were or were not required;

(D) The extent, if any, to which the Contractor did not rely on the subcontractor's cost or pricing data in determining the price objective and in negotiating the final price;

(E) The extent to which it was recognized in the negotiation that the subcontractor's cost or pricing data were not accurate, complete, or current; the action taken by the Contractor and the subcontractor; and the effect of any such defective data on the total price negotiated;

(F) The reasons for any significant difference between the Contractor's price objective and the price negotiated; and

(G) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(2) The Contractor is not required to notify the Contracting Officer in advance of entering into any subcontract for which consent is not required under paragraph (c), (d), or (e) of this clause.

(f) Unless the consent or approval specifically provides otherwise, neither consent by the Contracting Officer to any subcontract nor approval of the Contractor's purchasing system shall constitute a determination—

(1) Of the acceptability of any subcontract terms or conditions;

(2) Of the allowability of any cost under this contract; or

(3) To relieve the Contractor of any responsibility for performing this contract.

(g) No subcontract or modification thereof placed under this contract shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement type subcontracts shall not exceed the fee limitations in FAR 15.404-4(c)(4)(i).

(h) The Contractor shall give the Contracting Officer immediate written notice of any action or suit filed and prompt notice of any claim made against the Contractor by any subcontractor or vendor that, in the opinion of the Contractor, may result in litigation related in any way to this contract, with respect to which the Contractor may be entitled to reimbursement from the Government.

(i) The Government reserves the right to review the Contractor's purchasing system as set forth in FAR Subpart 44.3.

(j) Paragraphs (c) and (e) of this clause do not apply to the following subcontracts, which were evaluated during negotiations:

TBD

(End of clause)

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):

<http://farsite.hill.af.mil/>

(End of clause)

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 Regulations (48 CFR Chapter II) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

(End of clause)

252.204-7006 BILLING INSTRUCTIONS (OCT 2005)

When submitting a request for payment, the Contractor shall--

(a) Identify the contract line item(s) on the payment request that reasonably reflect contract work performance; and

(b) Separately identify a payment amount for each contract line item included in the payment request.

(End of clause)

252.208-7000 INTENT TO FURNISH PRECIOUS METALS AS GOVERNMENT- FURNISHED MATERIAL (DEC 1991)

(a) The Government intends to furnish precious metals required in the manufacture of items to be delivered under the contract if the Contracting Officer determines it to be in the Government's best interest. The use of Government-furnished silver is mandatory when the quantity is one hundred troy ounces or more. The precious metal(s) will be furnished pursuant to the Government Furnished Property clause of this contract.

(b) The Offeror shall cite the type (silver, gold, platinum, palladium, iridium, rhodium, and ruthenium) and quantity in whole troy ounces of precious metals required in the performance of this contract (including precious metals required for any first article or production sample), and shall specify the national stock number (NSN) and nomenclature, if known, of the deliverable item requiring precious metals.

Deliverable Item		
Precious Metal*	Quantity	(NSN and Nomenclature)

* If platinum or palladium, specify whether sponge or granules are required.

(c) Offerors shall submit two prices for each deliverable item which contains precious metals--one based on the Government furnishing precious metals, and one based on the Contractor furnishing precious metals. Award will be made on the basis which is in the best interest of the Government.

(d) The Contractor agrees to insert this clause, including this paragraph (d), in solicitations for subcontracts and purchase orders issued in performance of this contract, unless the Contractor knows that the item being purchased contains no precious metals.

(End of clause)

252.211-7003 ITEM IDENTIFICATION AND VALUATION (AUG 2008)

(a) Definitions. As used in this clause'

Automatic identification device means a device, such as a reader or interrogator, used to retrieve data encoded on machine-readable media.

Concatenated unique item identifier means--

(1) For items that are serialized within the enterprise identifier, the linking together of the unique identifier data elements in order of the issuing agency code, enterprise identifier, and unique serial number within the enterprise identifier; or

(2) For items that are serialized within the original part, lot, or batch number, the linking together of the unique identifier data elements in order of the issuing agency code; enterprise identifier; original part, lot, or batch number; and serial number within the original part, lot, or batch number.

Data qualifier means a specified character (or string of characters) that immediately precedes a data field that defines the general category or intended use of the data that follows.

DoD recognized unique identification equivalent” means a unique identification method that is in commercial use and has been recognized by DoD. All DoD recognized unique identification equivalents are listed at http://www.acq.osd.mil/dpap/pdi/uid/iuid_equivalents.html.

DoD unique item identification means a system of marking items delivered to DoD with unique item identifiers that have machine-readable data elements to distinguish an item from all other like and unlike items. For items that are serialized within the enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier and a unique serial number. For items that are serialized within the part, lot, or batch number within the enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier; the original part, lot, or batch number; and the serial number.

Enterprise means the entity (e.g., a manufacturer or vendor) responsible for assigning unique item identifiers to items.

Enterprise identifier means a code that is uniquely assigned to an enterprise by an issuing agency.

Government's unit acquisition cost means--

(1) For fixed-price type line, subline, or exhibit line items, the unit price identified in the contract at the time of delivery;

(2) For cost-type or undefinitized line, subline, or exhibit line items, the Contractor's estimated fully burdened unit cost to the Government at the time of delivery; and

(3) For items produced under a time-and-materials contract, the Contractor's estimated fully burdened unit cost to the Government at the time of delivery.

Issuing agency means an organization responsible for assigning a non-repeatable identifier to an enterprise (i.e., Dun & Bradstreet's Data Universal Numbering System (DUNS) Number, GS1 Company Prefix, or Defense Logistics Information System (DLIS) Commercial and Government Entity (CAGE) Code).

Issuing agency code means a code that designates the registration (or controlling) authority for the enterprise identifier.

Item means a single hardware article or a single unit formed by a grouping of subassemblies, components, or constituent parts.

Lot or batch number means an identifying number assigned by the enterprise to a designated group of items, usually referred to as either a lot or a batch, all of which were manufactured under identical conditions.

Machine-readable means an automatic identification technology media, such as bar codes, contact memory buttons, radio frequency identification, or optical memory cards.

Original part number means a combination of numbers or letters assigned by the enterprise at item creation to a class of items with the same form, fit, function, and interface.

Parent item means the item assembly, intermediate component, or subassembly that has an embedded item with a unique item identifier or DoD recognized unique identification equivalent.

Serial number within the enterprise identifier means a combination of numbers, letters, or symbols assigned by the enterprise to an item that provides for the differentiation of that item from any other like and unlike item and is never used again within the enterprise.

Serial number within the part, lot, or batch number means a combination of numbers or letters assigned by the enterprise to an item that provides for the differentiation of that item from any other like item within a part, lot, or batch number assignment.

Serialization within the enterprise identifier means each item produced is assigned a serial number that is unique among all the tangible items produced by the enterprise and is never used again. The enterprise is responsible for ensuring unique serialization within the enterprise identifier.

Serialization within the part, lot, or batch number means each item of a particular part, lot, or batch number is assigned a unique serial number within that part, lot, or batch number assignment. The enterprise is responsible for ensuring unique serialization within the part, lot, or batch number within the enterprise identifier.

Unique item identifier means a set of data elements marked on items that is globally unique and unambiguous. The term includes a concatenated unique item identifier or a DoD recognized unique identification equivalent.

Unique item identifier type means a designator to indicate which method of uniquely identifying a part has been used. The current list of accepted unique item identifier types is maintained at http://www.acq.osd.mil/dpap/pdi/uid/uii_types.html.

(b) The Contractor shall deliver all items under a contract line, subline, or exhibit line item.

(c) Unique item identifier.

(1) The Contractor shall provide a unique item identifier for the following:

(i) All delivered items for which the Government's unit acquisition cost is \$5,000 or more.

(ii) The following items for which the Government's unit acquisition cost is less than \$5,000:

 Contract line, subline, or exhibit line
 item No. Item description

(iii) Subassemblies, components, and parts embedded within delivered items as specified in Attachment Number ----

(2) The unique item identifier and the component data elements of the DoD unique item identification shall not change over the life of the item.

(3) Data syntax and semantics of unique item identifiers. The Contractor shall ensure that--

(i) The encoded data elements (except issuing agency code) of the unique item identifier are marked on the item using one of the following three types of data qualifiers, as determined by the Contractor:

(A) Application Identifiers (AIs) (Format Indicator 05 of ISO/IEC International Standard 15434), in accordance with ISO/IEC International Standard 15418, Information Technology--EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

(B) Data Identifiers (DIs) (Format Indicator 06 of ISO/IEC International Standard 15434), in accordance with ISO/IEC International Standard 15418, Information Technology--EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

(C) Text Element Identifiers (TEIs) (Format Indicator 12 of ISO/IEC International Standard 15434), in accordance with the Air Transport Association Common Support Data Dictionary; and

(ii) The encoded data elements of the unique item identifier conform to the transfer structure, syntax, and coding of messages and data formats specified for Format Indicators 05, 06, and 12 in ISO/IEC International Standard 15434, Information Technology--Transfer Syntax for High Capacity Automatic Data Capture Media.

(4) Unique item identifier.

(i) The Contractor shall--

(A) Determine whether to--

(1) Serialize within the enterprise identifier;

(2) Serialize within the part, lot, or batch number; or

(3) Use a DoD recognized unique identification equivalent; and

(B) Place the data elements of the unique item identifier (enterprise identifier; serial number; DoD recognized unique identification equivalent; and for serialization within the part, lot, or batch number only: original part, lot, or batch number) on items requiring marking by paragraph (c)(1) of this clause, based on the criteria provided in the version of MIL-STD-130, Identification Marking of U.S. Military Property, cited in the contract Schedule.

(ii) The issuing agency code--

(A) Shall not be placed on the item; and

(B) Shall be derived from the data qualifier for the enterprise identifier.

(d) For each item that requires unique item identification under paragraph (c)(1)(i) or (ii) of this clause, in addition to the information provided as part of the Material Inspection and Receiving Report specified elsewhere in this contract, the Contractor shall report at the time of delivery, either as part of, or associated with, the Material Inspection and Receiving Report, the following information:

(1) Unique item identifier.

- (2) Unique item identifier type.
- (3) Issuing agency code (if concatenated unique item identifier is used).
- (4) Enterprise identifier (if concatenated unique item identifier is used).
- (5) Original part number (if there is serialization within the original part number).
- (6) Lot or batch number (if there is serialization within the lot or batch number).
- (7) Current part number (optional and only if not the same as the original part number).
- (8) Current part number effective date (optional and only if current part number is used).
- (9) Serial number (if concatenated unique item identifier is used).
- (10) Government's unit acquisition cost.
- (11) Unit of measure.

(e) For embedded subassemblies, components, and parts that require DoD unique item identification under paragraph (c)(1)(iii) of this clause, the Contractor shall report as part of, or associated with, the Material Inspection and Receiving Report specified elsewhere in this contract, the following information:

- (1) Unique item identifier of the parent item under paragraph (c)(1) of this clause that contains the embedded subassembly, component, or part.
- (2) Unique item identifier of the embedded subassembly, component, or part.
- (3) Unique item identifier type.**
- (4) Issuing agency code (if concatenated unique item identifier is used).**
- (5) Enterprise identifier (if concatenated unique item identifier is used).**
- (6) Original part number (if there is serialization within the original part number).**
- (7) Lot or batch number (if there is serialization within the lot or batch number).**
- (8) Current part number (optional and only if not the same as the original part number).**
- (9) Current part number effective date (optional and only if current part number is used).**
- (10) Serial number (if concatenated unique item identifier is used).**
- (11) Description.

** Once per item.

(f) The Contractor shall submit the information required by paragraphs (d) and (e) of this clause in accordance with the data submission procedures at http://www.acq.osd.mil/dpap/pdi/uid/data_submission_information.html.

(g) Subcontracts. If the Contractor acquires by subcontract, any item(s) for which unique item identification is required in accordance with paragraph (c)(1) of this clause, the Contractor shall include this clause, including this paragraph (g), in the applicable subcontract(s).

(End of clause)

252.211-7005 SUBSTITUTIONS FOR MILITARY OR FEDERAL SPECIFICATIONS AND STANDARDS (NOV 2005)

(a) Definition. "SPI process," as used in this clause, means a management or manufacturing process that has been accepted previously by the Department of Defense under the Single Process Initiative (SPI) for use in lieu of a specific military or Federal specification or standard at specific facilities. Under SPI, these processes are reviewed and accepted by a Management Council, which includes representatives of the Contractor, the Defense Contract Management Agency, the Defense Contract Audit Agency, and the military departments.

(b) Offerors are encouraged to propose SPI processes in lieu of military or Federal specifications and standards cited in the solicitation. A listing of SPI processes accepted at specific facilities is available via the Internet at http://guidebook.dcmam.mil/20/guidebook_process.htm (paragraph 4.2).

(c) An offeror proposing to use an SPI process in lieu of military or Federal specifications or standards cited in the solicitation shall--

- (1) Identify the specific military or Federal specification or standard for which the SPI process has been accepted;
- (2) Identify each facility at which the offeror proposes to use the specific SPI process in lieu of military or Federal specifications or standards cited in the solicitation;
- (3) Identify the contract line items, subline items, components, or elements affected by the SPI process; and
- (4) If the proposed SPI process has been accepted at the facility at which it is proposed for use, but is not yet listed at the Internet site specified in paragraph (b) of this clause, submit documentation of Department of Defense acceptance of the SPI process.

(d) Absent a determination that an SPI process is not acceptable for this procurement, the Contract shall use the following SPI processes in lieu of military or Federal specifications or standards:

(Offeror insert information for each SPI process)

SPI Process: _____

Facility: _____

Military or Federal Specification or Standard: _____

Affected Contract Line Item Number, Subline Item Number, Component, or Element: _____

(e) If a prospective offeror wishes to obtain, prior to the time specified for receipt of offers, verification that an SPI process is an acceptable replacement for military or Federal specifications or standards required by the solicitation, the prospective offeror--

(1) May submit the information required by paragraph (d) of this clause to the Contracting Officer prior to submission of an offer; but

(2) Must submit the information to the Contracting Officer at least 10 working days prior to the date specified for receipt of offers.

(End of clause)

TECHNOLOGY IMPROVEMENTS (OCT 1991) 5252.239-9605

After contract award, the Government may solicit, and the Contractor is encouraged to propose independently, technology improvements to the equipment, software specifications, or other requirements of the contract. These improvements may be proposed to save money, to improve performance, to save energy or for any other purpose which presents a technological advantage to the Government. As part of the proposed changes, the Contractor shall submit a price proposal to the Contracting Officer for evaluation. Those proposed technology improvements that are acceptable to the Government will be processed as modifications to the contract.

As a minimum, the following information shall be submitted by the Contractor with each proposal:

A description of the difference between the existing contract requirement and the proposed change, and the comparative advantages and disadvantages of each;

Itemized requirements of the contract which must be changed if the proposal is adopted, and the proposed revision to the contract for each such change;

An estimate of the changes in performance and cost, if any, that will result from adoption of the proposal;

An evaluation of the effects the proposed changes would have on collateral costs to the Government, such as Government-furnished property costs, costs of related items, and costs of maintenance, operation and conversion (including Government application software); and

A statement of the time by which the contract modification adopting the proposal must be issued so as to obtain the maximum benefits of the changes during the remainder of this contract including supporting rationale; and

Any effect on the contract completion time or delivery schedule shall be identified.

The Government reserves the right to require a rerun of selected portions of the live test demonstration to verify the proposed improvement, at no additional charge to the Government.

The Government will 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 proposal not accepted by the Government within the period specified in the proposal. The decision of the Contracting Officer as to the acceptance of any such proposal under this contract is final and not subject to the "Disputes" Clause of this contract.

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

If a proposal submitted pursuant to this clause is accepted and applied to this contract, the equitable adjustment increasing or decreasing the contract price shall be in accordance with the procedures of the "Changes" clause. The resulting contract modification will state that it is made pursuant to this clause.

(End of clause)

Section J - List of Documents, Exhibits and Other Attachments

Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Attachment 1	SOW	43	11/29/2009
Attachment 2 CLIN 0004	CDRLs A001-A028, A035-A037, A052, A057	35	11/29/2009
Attachment 3 CLIN 0005	CDRL A038-A045	8	11/29/2009
Attachment 4 CLIN 0006	CDRL A046-A050	5	11/29/2009
Attachment 5 CLIN 0007	CDRL A059-A072	14	11/29/2009
Attachment 6 CLIN 0008	CDRL A051	2	11/29/2009
Attachment 7 CLIN 0009	CDRL A029-A034, A053-A058	12	11/29/2009

Section K - Representations, Certifications and Other Statements of Offerors

CLAUSES INCORPORATED BY REFERENCE

52.203-11	Certification And Disclosure Regarding Payments To Influence Certain Federal Transactions	SEP 2007
52.209-2	Prohibition on Contracting with Inverted Domestic Corporations--Representation	JUL 2009
52.215-22	Limitations on Pass-Through Charges--Identification of Subcontract Effort	OCT 2009
52.222-38	Compliance With Veterans' Employment Reporting Requirements	DEC 2001
52.225-20	Prohibition on Conducting Restricted Business Operations in Sudan--Certification	AUG 2009
252.209-7001	Disclosure of Ownership or Control by the Government of a Terrorist Country	JAN 2009
252.225-7003	Report of Intended Performance Outside the United States and Canada--Submission with Offer	DEC 2006
252.225-7031	Secondary Arab Boycott Of Israel	JUN 2005
252.227-7028	Technical Data or Computer Software Previously Delivered to the Government	JUN 1995

CLAUSES INCORPORATED BY FULL TEXT

52.204-3 TAXPAYER IDENTIFICATION (OCT 1998)

(a) Definitions.

Common parent, as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

Taxpayer Identification Number (TIN), as used in this provision, means the number required by the Internal Revenue Service (IRS) to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All offerors must submit the information required in paragraphs (d) through (f) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the IRS. If the resulting contract is subject to the payment reporting requirements described in Federal Acquisition Regulation (FAR) 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

(c) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(d) Taxpayer Identification Number (TIN).

___ TIN:.....

___ TIN has been applied for.

___ TIN is not required because:

___ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

___ Offeror is an agency or instrumentality of a foreign government;

___ Offeror is an agency or instrumentality of the Federal Government.

(e) Type of organization.

___ Sole proprietorship;

___ Partnership;

___ Corporate entity (not tax-exempt);

___ Corporate entity (tax-exempt);

___ Government entity (Federal, State, or local);

___ Foreign government;

___ International organization per 26 CFR 1.6049-4;

___ Other-----

(f) Common parent.

___ Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this provision.

___ Name and TIN of common parent:

Name-----

TIN-----

(End of provision)

52.204-5 WOMEN-OWNED BUSINESS (OTHER THAN SMALL BUSINESS) (MAY 1999)

(a) Definition. Women-owned business concern, as used in this provision, means a concern that is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

(b) Representation. [Complete only if the offeror is a women-owned business concern and has not represented itself as a small business concern in paragraph (b)(1) of FAR 52.219-1, Small Business Program Representations, of this solicitation.] The offeror represents that it () is a women-owned business concern.

(End of provision)

52.207-4 ECONOMIC PURCHASE QUANTITY--SUPPLIES (AUG 1987)

(a) Offerors are invited to state an opinion on whether the quantity(ies) of supplies on which bids, proposals or quotes are requested in this solicitation is (are) economically advantageous to the Government.

Each offeror who believes that acquisitions in different quantities would be more advantageous is invited to recommend an economic purchase quantity. If different quantities are recommended, a total and a unit price must be quoted for applicable items. An economic purchase quantity is that quantity at which a significant price break occurs. If there are significant price breaks at different quantity points, this information is desired as well.

OFFEROR RECOMMENDATIONS			
ITEM	QUANTITY	QUOTATION	TOTAL

(c) The information requested in this provision is being solicited to avoid acquisitions in disadvantageous quantities and to assist the Government in developing a data base for future acquisitions of these items. However, the Government reserves the right to amend or cancel the solicitation and resolicit with respect to any individual item in the event quotations received and the Government's requirements indicate that different quantities should be acquired.

(End of provision)

52.209-5 CERTIFICATION REGARDING RESPONSIBILITY MATTERS (DEC 2008)

(a)(1) The Offeror certifies, to the best of its knowledge and belief, that-

(i) The Offeror and/or any of its Principals-

(A) Are () are not () presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(B) Have () have not (), within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen property; and

(C) Are () are not () presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision.; and

(D) Have [ballot], have not [ballot], within a three-year period preceding this offer, been notified of any delinquent Federal taxes in an amount that exceeds \$3,000 for which the liability remains unsatisfied.

(1) Federal taxes are considered delinquent if both of the following criteria apply:

(i) The tax liability is finally determined. The liability is finally determined if it has been assessed. A liability is not finally determined if there is a pending administrative or judicial challenge. In the case of a judicial challenge to the liability, the liability is not finally determined until all judicial appeal rights have been exhausted.

(ii) The taxpayer is delinquent in making payment. A taxpayer is delinquent if the taxpayer has failed to pay the tax liability when full payment was due and required. A taxpayer is not delinquent in cases where enforced collection action is precluded.

(2) Examples. (i) The taxpayer has received a statutory notice of deficiency, under I.R.C. Sec. 6212, which entitles the taxpayer to seek Tax Court review of a proposed tax deficiency. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek Tax Court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(ii) The IRS has filed a notice of Federal tax lien with respect to an assessed tax liability, and the taxpayer has been issued a notice under I.R.C. Sec. 6320 entitling the taxpayer to request a hearing with the IRS Office of Appeals contesting the lien filing, and to further appeal to the Tax Court if the IRS determines to sustain the lien filing. In the course of the hearing, the taxpayer is entitled to contest the underlying tax liability because the taxpayer has had no prior opportunity to contest the liability. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek tax court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(iii) The taxpayer has entered into an installment agreement pursuant to I.R.C. Sec. 6159. The taxpayer is making timely payments and is in full compliance with the agreement terms. The taxpayer is not delinquent because the taxpayer is not currently required to make full payment.

(iv) The taxpayer has filed for bankruptcy protection. The taxpayer is not delinquent because enforced collection action is stayed under 11 U.S.C. 362 (the Bankruptcy Code).

(ii) The Offeror has () has not (), within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) Principal, for the purposes of this certification, means an officer, director, owner, partner, or a person having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment; and similar positions).

(b) The Offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror's responsibility. Failure of the Offeror to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsible.

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was

placed when making award. If it is later determined that the Offeror knowingly rendered an erroneous certification, in addition to other remedies available to the Government, the Contracting Officer may terminate the contract resulting from this solicitation for default.

(End of provision)

52.215-6 PLACE OF PERFORMANCE (OCT 1997)

(a) The offeror or respondent, in the performance of any contract resulting from this solicitation, () intends, () does not intend (check applicable block) to use one or more plants or facilities located at a different address from the address of the offeror or respondent as indicated in this proposal or response to request for information.

(b) If the offeror or respondent checks “intends” in paragraph (a) of this provision, it shall insert in the following spaces the required information:

Place of Performance(Street Address, City, State, County, Zip Code)

Name and Address of Owner and Operator of the Plant or Facility if Other Than Offeror or Respondent

(End of provision)

52.219-1 SMALL BUSINESS PROGRAM REPRESENTATIONS (MAY 2004) - ALTERNATE I (APR 2002)

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 334511.

(2) The small business size standard is 750.

(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) Representations. (1) The offeror represents as part of its offer that it () is, () is not a small business concern.

(2) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents, for general statistical purposes, that it () is, () is not a small disadvantaged business concern as defined in 13 CFR 124.1002.

(3) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it () is, () is not a women-owned small business concern.

(4) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it () is, () is not a veteran-owned small business concern.

(5) (Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision.) The offeror represents as part of its offer that it () is, () is not a service-disabled veteran-owned small business concern.

(6) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents, as part of its offer, that--

(i) It () is, () is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and

(ii) It () is, () is not a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (b)(6)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. (The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture:_____.) Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(7) (Complete if offeror represented itself as disadvantaged in paragraph (b)(2) of this provision.) The offeror shall check the category in which its ownership falls:

___ Black American.

___ Hispanic American.

___ Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).

___ Asian-Pacific American (persons with origins from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, U.S. Trust Territory of the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).

___ Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, the Maldives Islands, or Nepal).

___ Individual/concern, other than one of the preceding.

(c) Definitions. As used in this provision--

Service-disabled veteran-owned small business concern--

(1) Means a small business concern--

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"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 (a) of this provision.

Veteran-owned small business concern means a small business concern--

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern," means a small business concern --

(1) That is at least 51 percent owned by one or more women or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; or

(2) Whose management and daily business operations are controlled by one or more women.

(d) Notice.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small, HUBZone small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), 9, or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall--

(i) Be punished by imposition of fine, imprisonment, or both;

(ii) Be subject to administrative remedies, including suspension and debarment; and

(iii) Be ineligible for participation in programs conducted under the authority of the Act.

(End of provision)

52.219-22 SMALL DISADVANTAGED BUSINESS STATUS (OCT 1999)

(a) General. This provision is used to assess an offeror's small disadvantaged business status for the purpose of obtaining a benefit on this solicitation. Status as a small business and status as a small disadvantaged business for general statistical purposes is covered by the provision at FAR 52.219-1, Small Business Program Representation.

(b) Representations.

(1) General. The offeror represents, as part of its offer, that it is a small business under the size standard applicable to this acquisition; and either--

___ (i) It has received certification by the Small Business Administration as a small disadvantaged business concern consistent with 13 CFR 124, Subpart B; and

(A) No material change in disadvantaged ownership and control has occurred since its certification;

(B) Where the concern is owned by one or more disadvantaged individuals, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and

(C) It is identified, on the date of this representation, as a certified small disadvantaged business concern in the database maintained by the Small Business Administration(PROONet); or

___ (ii) It has submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR 124, Subpart B, and a decision on that application is pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted.

(2)___ For Joint Ventures. The offeror represents, as part of its offer, that it is a joint venture that complies with the requirements at 13 CFR 124.1002(f) and that the representation in paragraph (b)(1) of this provision is accurate for the small disadvantaged business concern that is participating in the joint venture. [The offeror shall enter the name of the small disadvantaged business concern that is participating in the joint venture: _____.]

(c) Penalties and Remedies. Anyone who misrepresents any aspects of the disadvantaged status of a concern for the purposes of securing a contract or subcontract shall:

- (1) Be punished by imposition of a fine, imprisonment, or both;
- (2) Be subject to administrative remedies, including suspension and debarment; and
- (3) Be ineligible for participation in programs conducted under the authority of the Small Business Act.

(End of provision)

52.222-18 CERTIFICATION REGARDING KNOWLEDGE OF CHILD LABOR FOR LISTED END PRODUCTS (FEBRUARY 2001)

(a) Definition.

Forced or indentured child labor means all work or service--

- (1) Exacted from any person under the age of 18 under the menace of any penalty for its nonperformance and for which the worker does not offer himself voluntarily; or
- (2) Performed by any person under the age of 18 pursuant to a contract the enforcement of which can be accomplished by process or penalties.

(b) Listed end products. The following end product(s) being acquired under this solicitation is (are) included in the List of Products Requiring Contractor Certification as to Forced or Indentured Child Labor, identified by their country of origin. There is a reasonable basis to believe that listed endproducts from the listed countries of origin may have been mined, produced, or manufactured by forced or indentured child labor.

Listed End Product

Listed Countries of Origin

(c) Certification. The Government will not make award to an offeror unless the offeror, by checking the appropriate block, certifies to either paragraph (c)(1) or paragraph (c)(2) of this provision.

() (1) The offeror will not supply any end product listed in paragraph (b) of this provision that was mined, produced, or manufactured in a corresponding country as listed for that end product.

() (2) The offeror may supply an end product listed in paragraph (b) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product. The offeror certifies that it has made a good faith effort to determine whether forced or indentured child labor was used to mine, produce, or manufacture such end product. On the basis of those efforts, the offeror certifies that it is not aware of any such use of child labor.

(End of provision)

52.222-22 PREVIOUS CONTRACTS AND COMPLIANCE REPORTS (FEB 1999)

The offeror represents that --

(a) () It has, () has not participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation;

(b) () It has, () has not, filed all required compliance reports; and

(c) Representations indicating submission of required compliance reports, signed by proposed subcontractors, will be obtained before subcontract awards.

(End of provision)

52.222-25 AFFIRMATIVE ACTION COMPLIANCE (APR 1984)

The offeror represents that

(a) [] it has developed and has on file, [] has not developed and does not have on file, at each establishment, affirmative action programs required by the rules and regulations of the Secretary of Labor (41 CFR 60-1 and 60-2), or

(b) [] has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

(End of provision)

52.223-13 CERTIFICATION OF TOXIC CHEMICAL RELEASE REPORTING (AUG 2003)

(a) Executive Order 13148, of April 21, 2000, Greening the Government through Leadership in Environmental Management, requires submission of this certification as a prerequisite for contract award.

(b) By signing this offer, the offeror certifies that--

(1) As the owner or operator of facilities that will be used in the performance of this contract that are subject to the filing and reporting requirements described in section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) (42 U.S.C. 11023) and section 6607 of the Pollution Prevention Act of 1990 (PPA) (42 U.S.C. 13106), the offeror will file and continue to file for such facilities for the life of the contract the Toxic

Chemical Release Inventory Form (Form R) as described in sections 313(a) and (g) of EPCRA and section 6607 of PPA; or

(2) None of its owned or operated facilities to be used in the performance of this contract is subject to the Form R filing and reporting requirements because each such facility is exempt for at least one of the following reasons: (Check each block that is applicable.)

(i) The facility does not manufacture, process, or otherwise use any toxic chemicals listed in 40 CFR 372.65;

(ii) The facility does not have 10 or more full-time employees as specified in section 313.(b)(1)(A) of EPCRA 42 U.S.C. 11023(b)(1)(A);

(iii) The facility does not meet the reporting thresholds of toxic chemicals established under section 313(f) of EPCRA, 42 U.S.C. 11023(f) (including the alternate thresholds at 40 CFR 372.27, provided an appropriate certification form has been filed with EPA);

(iv) The facility does not fall within the following Standard Industrial Classification (SIC) codes or their corresponding North American Industry Classification System sectors:

(A) Major group code 10 (except 1011, 1081, and 1094).

(B) Major group code 12 (except 1241).

(C) Major group codes 20 through 39.

(D) Industry code 4911, 4931, or 4939 (limited to facilities that combust coal and/or oil for the purpose of generating power for distribution in commerce).

(E) Industry code 4953 (limited to facilities regulated under the Resource Conservation and Recovery Act, Subtitle C (42 U.S.C. 6921, et seq.), 5169, 5171, or 7389 (limited to facilities primarily engaged in solvent recovery services on a contract or fee basis); or

(v) The facility is not located within the United States or its outlying areas.

(End of clause)

52.225-18 PLACE OF MANUFACTURE (SEP 2006)

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

Manufactured end product means any end product in Federal Supply Classes (FSC) 1000-9999, except--

(1) FSC 5510, Lumber and Related Basic Wood Materials;

(2) Federal Supply Group (FSG) 87, Agricultural Supplies;

(3) FSG 88, Live Animals;

(4) FSG 89, Food and Related Consumables;

(5) FSC 9410, Crude Grades of Plant Materials;

- (6) FSC 9430, Miscellaneous Crude Animal Products, Inedible;
- (7) FSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
- (8) FSC 9610, Ores;
- (9) FSC 9620, Minerals, Natural and Synthetic; and
- (10) FSC 9630, Additive Metal Materials.

Place of manufacture means the place where an end product is assembled out of components, or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

(b) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide in response to this solicitation is predominantly--

(1) In the United States (Check this box if the total anticipated price of offered end products manufactured in the United States exceeds the total anticipated price of offered end products manufactured outside the United States); or

(2) Outside the United States.

(End of provision)

252.247-7022 REPRESENTATION OF EXTENT OF TRANSPORTATION BY SEA (AUG 1992)

(a) The Offeror shall indicate by checking the appropriate blank in paragraph (b) of this provision whether transportation of supplies by sea is anticipated under the resultant contract. The term supplies is defined in the Transportation of Supplies by Sea clause of this solicitation.

(b) Representation. The Offeror represents that it:

___ (1) Does anticipate that supplies will be transported by sea in the performance of any contract or subcontract resulting from this solicitation.

___ (2) Does not anticipate that supplies will be transported by sea in the performance of any contract or subcontract resulting from this solicitation.

(c) Any contract resulting from this solicitation will include the Transportation of Supplies by Sea clause. If the Offeror represents that it will not use ocean transportation, the resulting contract will also include the Defense FAR Supplement clause at 252.247-7024, Notification of Transportation of Supplies by Sea.

(End of provision)

CNIN-K-0001 CONTRACTOR PERFORMANCE DATA

The offeror shall demonstrate past performance through completion of the "Contractor Performance Data Sheet". The Contractor Performance Data Sheet shall be completed in its entirety. Additionally, offerors are urged to submit brief and concise responses, within the confines of the space allotted. *Failure to submit the completed Contractor*

Performance Data Sheet (along with the proposal) shall be considered certification (by signature on the proposal) that the contractor has no past performance for like or similar items for the Government to evaluate.

CONTRACTOR PERFORMANCE DATA SHEET

NOTE: THE INFORMATION PROVIDED MAY BE USED TO EVALUATE THE OFFEROR'S PAST PERFORMANCE IN MEETING COSTS/PRICE, TECHNICAL, AND DELIVERY OBJECTIVES. POINTS OF CONTACT PROVIDED, MAY BE CONTACTED TO CONFIRM INFORMATION PROVIDED AND TO GATHER INFORMATION ON TECHNICAL PERFORMANCE, QUALITY, LIFE CYCLE COST AND/OR RELIABILITY. THE RESULTS MAY BE USED IN THE OVERALL COMPARATIVE EVALUATION OF THE OFFEROR (S) IN ACCORDANCE WITH SECTION M OF THE REQUEST FOR PROPOSAL.

Please list performance data on a minimum of three and a maximum of five contracts for like or similar items, either completed or ongoing, under which performance has taken place within the last three years. Contracts with the federal government are preferred, but you may also list contracts with state and local governments or contracts with commercial customers. In determining which contracts to submit, please refer to FAR 15. 305(a)(2)(I), which states in pertinent part that “[p]ast performance information is one indicator of an offeror's ability to perform the contract successfully. The currency and relevance of the information, source of the information, context of the data, and general trends in contractor's performance shall be considered in making the award decision...”. The Government reserves the right to not consider any information submitted exceeding the five-contract limitation.

Contractor Name:

RFP #:

Address:

POC: (Person who can verify data)

Telephone:

Division:

FAX:

CONTRACT INFORMATION

Contract Number:

Date Completed:

Contract Type: Fixed Price

Cost Reimbursement Other (Specify)

Item Description:

Contract Quantity/Length of Service:

Customer Name:

Customer POC: (Person who can verify data)

Address:

Telephone:

FAX:

QUALITY

NOTE: An explanation must accompany all answers with an asterisk(*).

Was consideration or a monetary withhold for non-conforming supplies/services or late deliveries assessed against this contract?

YES* ___ NO ___ (Explanation)

Was/is any part of this contract terminated for default and/or litigation?

YES* ___ NO ___ (Explanation)

Was any warranty work completed on delivered items?

YES* ___ NO ___ (Explanation)

Did you receive any quality awards in the past three years?

YES* ___ NO ___ (List Awards)

TIMELINESS

Were all items (including products, services, reports, etc.) delivered within the original contract schedule?

YES ____ NO * ____ (Explanation)

COST FOR COST TYPE CONTRACTS:

Was the original contract estimated cost met?

YES ____ NO* ____ (Explanation)

If the estimated cost was not met, what was the positive/negative percentage of change?

+ _____ -

OTHER PERTINENT INFORMATION

Describe any corrective action(s) initiated to solve any of the above-described problems/deficiencies on this contract. Discuss the success of the corrective action(s) taken.

Section L - Instructions, Conditions and Notices to Bidders

CLAUSES INCORPORATED BY REFERENCE

52.215-1 Alt I	Instructions to Offerors--Competitive Acquisition (Jan 2004) -OCT 1997 Alternate I
52.222-24	Preaward On-Site Equal Opportunity Compliance Evaluation FEB 1999
52.252-5	Authorized Deviations In Provisions APR 1984
252.227-7017	Identification and Assertion of Use, Release, or Disclosure JUN 1995 Restrictions

CLAUSES INCORPORATED BY FULL TEXT

52.215-3 REQUEST FOR INFORMATION OR SOLICITATION FOR PLANNING PURPOSES (OCT 1997)

(a) The Government does not intend to award a contract on the basis of this solicitation or to otherwise pay for the information solicited except as an allowable cost under other contracts as provided in subsection 31.205-18, Bid and proposal costs, of the Federal Acquisition Regulation.

(b) Although "proposal" and "offeror" are used in this Request for Information, your response will be treated as information only. It shall not be used as a proposal.

(c) This solicitation is issued for the purpose of industry review and comment. Comments and questions should be sent to the contracting officer via e-mail to deborah.frick@navy.mil

(End of clause)

52.215-20 REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA (OCT 1997)—ALTERNATE IV (OCT 1997)

(a) Submission of cost or pricing data is not required.

(b) Provide information described below:

Contractor shall submit supporting data for all cost elements: Material, Labor, Overhead, Other Direct Costs (ODC) and General and Administrative (G&A) for a cost realism evaluation of the offeror's prices. See CNIN-L-0010 for additional detail.

(End of provision)

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 Commander, Attn Ms Sherry Wikle, NSWC Crane Div. 300 Hwy 361 Crane IN 47522

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

(End of provision)

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):

<http://farsite.hill.af.mil/>

(End of provision)

CNIN-L-0001 ALTERNATE PROPOSALS

Offers may submit more than one proposal, each of which must satisfy the mandatory requirements of the solicitation, including any Benchmark Tests, in order to be considered. As a minimum, one of the proposals submitted must be complete. The alternate proposal(s) may be in an abbreviated form following the same section format, but providing only those sections which differ in any way from those contained in the original proposal. Each proposal will include cost tables indicating the complete range of pricing options. In the case of price/cost options for a given configuration, an alternate proposal will not be required. If alternate proposals are submitted, such alternatives will be clearly labeled and identified on the cover page of each separate document. The reason for each alternate and its comparative benefits shall be explained. Each proposal submitted will be evaluated on its own merits.

CNIN-L-0002 PROPOSAL REQUIREMENTS

(a) The technical proposal and the cost/price proposal shall be submitted in separate volumes. The technical proposal shall not contain any cost/pricing information, except for salary information provided on resumes.

(b) The offeror shall submit the following information:

(1) 2 completed signed solicitation packages, with all representations and certifications executed, and with cost/prices in Section B.

(2) 2 copies of the technical proposal.

(3) 2 copies of the cost/price proposal.

(c) Technical Proposal. Each technical proposal shall enable Government evaluating personnel to make a thorough evaluation and arrive at a sound determination as to whether or not the proposal will meet the requirements of the government. To this end, each technical proposal shall be so specific, detailed and complete as to clearly and fully demonstrate that the prospective contractor has a thorough knowledge and understanding of the requirements and

has valid and practical solutions for technical problems. Statements which paraphrase the specifications or attest that "standard procedures will be employed," are inadequate to demonstrate how it is proposed to comply with the requirements of the specifications, and this clause. As a minimum, the proposal must clearly provide the following:

Summary

Introduction

Methods, Assumptions & Procedures

Results and Discussions

Conclusions

Recommendations

References

ANY EXCEPTION TO THE GOVERNMENT'S TECHNICAL REQUIREMENTS/SPECIFICATIONS MUST BE INCLUDED IN THE TECHNICAL PROPOSAL AND A COVER LETTER TO THE TECHNICAL PROPOSAL.

(d) Cost/Price Proposal. The following cost/price information is required (in addition to any other requirement for cost/price information in clause CNIN-L-0010).

(e) Exceptions. Offerors are not encouraged to take exceptions to this solicitation, however, any exceptions taken to the specifications, terms and conditions of this solicitation shall be explained in detail and set forth in a cover letter as well as in this section of the Cost Proposal. Offerors are to detail the particular section, clause paragraph and page to which they are taking exception.

CNIN-L-0003 SUBCONTRACT DATA REQUIRED

It is the intent of the Government to encourage the use of Small Business, Small and Disadvantaged Businesses, HUBZone Businesses and Woman Owned Business concerns whenever practicable.

Describe the extent to which your company has identified and committed to provide for participation by small, small and disadvantaged businesses (SDB), woman owned businesses (WOB), HUBZone businesses, historically black colleges and universities (HBCU), or other minority institutions (MI) for the performance of this effort. The Offeror shall provide sufficient information to demonstrate that the tasks assigned the selected small, SDB, WOB, HUBZone, HBCU, and/or MI subcontractors are meaningful in the sense that they will be performing functions important to the overall success of the program and also broaden the subcontractor's technical capability. The offeror shall describe its management approach for enhancing proposed subcontractors' technical capability. Of special interest is the amount and type of work to be performed by the subcontractors. The offeror shall explain the reasons for and advantages of selecting particular subcontractors. Performance information shall be separate from subcontracting plans to be submitted by large businesses pursuant to FAR 52.219-9, but must incorporate the goals stressed therein.

CNIN-L-0004 BLANKET EXEMPTION CERTIFICATE

In accordance with the provisions of Title 6, Indiana Code, Articles 2.1 and 2.5, Crane Division, Naval Surface Warfare Center, Crane, Indiana, as a United States Government entity, is exempt from the imposition of any sales and use tax, and has been assigned Exemption Certificate Number 103400015.

CNIN-L-0005 BUSINESS HOURS

Crane Division, NSWC, Crane, Indiana, allows flexible working hours for its employees. The normal eight-hour shift may be worked between the hours of 6:00 AM and 5:30 PM EDT. Many of our employees work 6:30 AM to 3:00 PM as a regular practice. The core time, when all employees are scheduled to work, is 9:00 AM to 3:00 PM.

CNIN-L-0008 WORLD WIDE WEB SOLICITATION INFORMATION

Some solicitations available posted on the WWW site may not include all documents of the solicitation package. Drawings and Contract Data Requirement Lists (CDRLs) are examples of documents that may not be included due to technical issues. Under those circumstances, a notice will be provided with each solicitation package listing documents not available on WWW. Hard copies of the documents may be obtained by contacting the solicitation Point of Contact (POC) listed in the solicitation document.

Any amendments to the subject solicitation will be posted to the NSWC Crane Division WWW Page (<http://www.crane.navy.mil/acquisition/synopcom.htm>) beneath the applicable solicitation. The complete solicitation package, including all amendments, should be received and reviewed prior to submitting a response. **It is the responsibility of the offeror to obtain all amendments and/or other applicable documents prior to submission of the offer. Under these circumstances, offerors are reminded to include acknowledgement of acceptance of these amendments in their offer.**

CNIN-L-0010 PROPOSAL REQUIREMENTS

The offeror shall submit the following information in accordance with the Evaluation Process:

(a) Evaluation Process:

As this evaluation will require the submittal of a product sample based on the existing cabinet, a staged proposal process is anticipated.

Qualifications Package: Offerors will submit a qualifications package demonstrating the following factors:

- a. Qualification to legally conduct business with the U.S. Navy. This includes but is not limited to:
 - i. Business Status
 - ii. Central Contractor Registry confirmation
 - iii. Appropriate Security Clearances
 - iv. Representations and Certifications within the Solicitation Package
 - v. Past performance for this type of work
 1. Past performance with Government Radar Systems addressing obsolete parts
 2. Past performance integrating Radar Systems in complex command/control situations
 3. Past performance in designing solutions relying on open architecture
 4. Past performance in designing solutions best avoiding future obsolescence
 5. Past performance in designing solutions with the lowest Lifecycle costs

Upon determination of Qualifications, Offerors shall be provided (up to 10 offerors) with an AN/SPS -73 below Decks system. Offerors shall have access to Government Engineers and available data on ancillary systems as needed. Offerors shall then have up to six months to design, develop, and prepare their product sample of a system addressing all the obsolescence criteria of the Statement of Work. A working product sample shall then be submitted with a Technical Data Package and a Price package including Life Cycle Costs.

(b) Evaluation Factors:

- 1) Product Sample:
 - a. This shall be evaluated on a go/no-go criteria when tested in accordance with Section 3.1 of the Statement of Work
- 2) Technical Approach: A Technical Proposal consisting of an Executive Summary with an Introduction, Methods, Assumptions and Procedures, Results and Discussions, Conclusions, Recommendations and References.
 - a. Reliance upon Open Architecture Solutions
 - b. Best possible approach to avoid future obsolescence
- 3) Past Performance
- 4) Price
 - a. Lowest Unit price
 - b. Lowest Lifecycle cost to support the Navy and Coast Guard Fleets

(b) **Other Than Cost and Pricing Data** - The offeror shall submit all supporting cost data for itself and any and all subcontractors on EXCEL spreadsheets. This including bills of material, labor hours and rates, all indirect rates and costs and other direct costs. The offeror shall submit copies of all vendor quotes exceeding \$25K. This supporting data for the cost elements comprising price will be used in evaluating the offers to determine the realism of the offeror's prices.

(c) **Subcontracting Plan** - The offeror shall submit a subcontracting plan.

Exceptions. Offerors are not encouraged to take exceptions to this solicitation, however, any exceptions taken to the specifications, terms and conditions of this solicitation shall be explained in detail and set forth in a cover letter as well as in this section of the Cost Proposal. Offerors are to detail the particular section, clause paragraph and page to which they are taking exception and the reason for the exception.

HQ-L-2-0001 ALTERNATIVES TO SPECIFICATIONS OR STANDARDS (NAVSEA) (AUG 1994)

(a) The Department of Defense is committed to minimizing the incorporation of military and outdated federal and commercial specifications and standards in contracts and is seeking to use alternative, tailored or updated non-government specifications and standards to the maximum extent practicable to satisfy the requirements.

(b) This solicitation contains military, federal and no-government specifications and standards. To assist in the standardization of military/commercial specifications and standards and to enable the Government to evaluate current commercial practices, offerors are invited to propose (1) alternatives to those mandatory military, federal or commercial specifications and standards listed in this solicitation and/or (2) tailoring of mandatory military or federal specifications and standards identified in this solicitation.

(c) Offerors are invited to demonstrate whether the mandatory military, federal or non-government specifications and standards are advantageous to the Government and whether commercial specifications and standards or tailored specifications listed herein would meet the mandatory performance requirements specified in this solicitation. offerors should list below any commercial specification or standard and the specification or standard from the solicitation which it would replace. Any proposed tailored specifications should also be listed. Use additional pages as necessary.

SPEC/STD REPLACED

SPEC/STD PROPOSED

(Including number, rev. and date)

A copy of any proposed alternative commercial specifications or standards as well as any tailored specifications and standards shall be included in the offeror's proposal. Rationale which describes the advantages of the proposed

alternative shall also be included in the offeror's proposal as detailed in the paragraph entitled "Instructions to Offerors" contained in Section L of this solicitation.

(d) Alternative B: It is requested that all recommendations be submitted within 10 days from the date of issuance of this solicitation to allow the Navy adequate time to make a decision and, if necessary, amend this solicitation prior to the time set for receipt of proposals. In the event the Navy decides to allow the use of alternative specification and standard, this solicitation will be amended accordingly.

HQ-L-2-0004 MAKE-OR-BUY PROGRAM (NAVSEA) (SEP 1990)

Offeror shall submit as part of its proposal a written proposed make-or-buy program in accordance with the requirements set forth herein.

(a) Definition of Make-or-Buy Program: A make-or-buy program is that part of each offeror's written plan which identifies the major work efforts, sub-systems, assemblies, subassemblies, and components to be manufactured, developed, or assembled in its own facilities, and those which will be obtained elsewhere by subcontract. The program shall not include raw materials, commercial products or off-the-shelf items unless their potential impact on contract or schedule is critical. A "make" item is any item produced, or work performed, by the offeror or its affiliates, subsidiaries, or divisions. A "buy" item is any item or work effort which will be obtained elsewhere by subcontract.

(b) Requirements of Make-or-Buy Program under this Solicitation. For purposes of this solicitation, the make-or-buy program should not include items or work efforts estimated to cost less than (a) 1% of the total estimated contract price, or (b) \$1,000,000, whichever is less.

(c) Factors to be Considered by Offeror in the Formulation of Its Make-or-Buy Program. Offeror shall consider such factors as capability, capacity, availability of small business and labor surplus area concerns as subcontract sources, the establishment of new facilities in or near sections of concentrated unemployment or underemployment, contract schedules, integration control, proprietary processes, and technical superiority or exclusiveness, before identifying in its proposed make-or-buy program that work which it considers it or its affiliates, subsidiaries, or divisions (i) must perform as "must make", (ii) must subcontract as "must buy", and (iii) can either perform or acquire by subcontract as "can make or buy".

(d) Information Required in Offeror's Make-or-Buy Program. Offeror shall include in its proposed make-or-buy program:

- (1) A description of each major item or work effort.
- (2) Categorization of each major item or work effort as "must make", "must buy", or "can either make or buy".
- (3) For each item or work effort categorized as "can either make or buy", a proposal either to "make" or to "buy".
- (4) Reasons for (i) categorizing items and work efforts as "must make" or "must buy", and (ii) proposing to "make" or to "buy" those categorized as "can either make or buy". The reasons must include the consideration given to the evaluation factors described in the solicitation and be in sufficient detail to permit the Contracting Officer to evaluate the categorization or proposal.
- (5) Designation of the plant or division proposed to make each item or perform each work effort and a statement as to whether the existing or proposed new facility is in or near a labor surplus area.
- (6) Identification of proposed subcontractors, if known, and their location and size status.
- (7) Any recommendations to defer make-or-buy decisions when categorization of some items or work efforts is impracticable at the time of submission.
- (8) Any other information the Contracting Officer requires in order to evaluate the program.

HQ-L-2-0012 USE OF NON-DEVELOPMENTAL ITEMS (NDI) (NAVSEA) (MAY 1993)

(b) Use of NDI is the preferred method of satisfying operational requirements of the Navy where such use does not degrade the operational or performance requirements. The term NDI means:

- (1) Any item of supply that is available in the commercial marketplace;

(2) Any previously developed item of supply that is in use by a department or agency of the United States, a State or local government, or a foreign government with which the United States has a mutual defense cooperation agreement;

(3) Any item of supply described in paragraph (1) or (2) that requires only minor modification in order to meet the requirements of the procuring agency; or

(4) Any item of supply that is currently being produced that does not meet the requirements of paragraph (1), (2), or (3) solely because the item:

(i) is not yet in use; or

(ii) is not yet available in the commercial marketplace.

(b) Offerors are encouraged to propose NDI or partial NDI alternatives to conventional R&D or MIL-SPEC production hardware or software requirements of this solicitation at all levels of the work breakdown structure (i.e. end-item, sub-system, component, piece part, etc.). All proposed NDI alternatives shall be clearly identified in the proposal. The intent of the NDI alternative is to provide the Navy with effective and economic solutions to its essential operational requirements.

Section M - Evaluation Factors for Award

CLAUSES INCORPORATED BY REFERENCE

52.217-5	Evaluation Of Options	JUL 1990
52.222-24	Preaward On-Site Equal Opportunity Compliance Evaluation	FEB 1999

BASIS OF AWARD

The Government may, as appropriate for greatest value, award one contract or more than one contract. The decision shall be based solely on greatest value to the Government using the described evaluation factors. The Government reserves the right to make a single award to the offeror whose offer is considered in the best interest of the Government. If multiple awards are made, all CLINs will be awarded to each offeror. Therefore, offerors proposing less than the entire effort specified herein may be determined to be unacceptable.

CLAUSES INCORPORATED BY FULL TEXT

CNIN-M-0002 GREATEST VALUE EVALUATION

(a) The contract resulting from this solicitation will be awarded to that responsible offeror whose offer, conforming to the solicitation, is determined most advantageous to the Government, technical, cost/price and other factors considered. The offeror's proposal shall be in the form prescribed by this solicitation and shall contain a response to each of the areas identified which affects the evaluation factors for award.

Evaluation Factors:

- 5) Product Sample:
 - a. This shall be evaluated on a go/no-go criteria when tested in accordance with Section 3.1 of the Statement of Work
- 6) Technical Approach
 - a. Reliance upon Open Architecture Solutions
 - b. Best possible approach to avoid future obsolescence
- 7) Past performance
- 8) Price
 - a. Lowest Unit price
 - b. Lowest Lifecycle cost to support the Navy and Coast Guard Fleets

(b) The degree of importance of the price will increase with the degree of equality of the proposals in relation to the other factors on which selection is to be based, or when the cost is so significantly high as to diminish the value of the technical superiority to the Government.

(c) In evaluating the price offers, realism of the offeror's price (estimated cost plus profit) will be considered. "Realism of Estimated Cost" is determined by reference to the costs which the offeror can reasonably be expected to incur in performance of the contract in accordance with his offer. Unrealistic personnel compensation rates will be considered in the cost realism analysis and may be considered in the technical analysis which could reduce the technical rating.

(d) The Government may award a contract on the basis of initial offers received, without discussions. Therefore, each initial offer should contain the offeror's best terms from a cost or price and technical standpoint. However, if considered necessary by the contracting officer, discussions will be conducted with only those offerors determined to have a reasonable chance for award.

(e) The Government reserves the right to make an award to other than the lowest priced offeror or to the offeror with the highest technical score if the Contracting Officer determines that to do so would result in the greatest value to the Government.

CNIN-M-0003 PAST PERFORMANCE

During the source selection process, the Government will assess the offeror's past performance in the evaluation for contract award. Accordingly, each offeror is required to submit a list of up to a minimum of three and a maximum of five of its most recent contracts within the past three years, either completed or on-going, for the same/similar products or services. It is preferred that these contracts be with U.S. government customers, but contracts with other commercial concerns are also acceptable. Offerors are authorized to provide information relative to any problems encountered on the identified contracts and any corrective actions taken by the offeror. If the offeror does not provide a corrective action the Government will assume that the problem encountered still exists. The Source Selection Authority (SSA)/Contracting Officer will evaluate the offeror's past performance based upon the information furnished by the offeror and/or other information obtained by the Contracting Officer. The Contracting Officer is not responsible for locating or securing any information not furnished with the offer. The SSA/Contracting Officer may, however, utilize all available information, including information not provided by the offeror, in the past performance evaluation. The Government reserves the right to review less than all information submitted, and to only analyze sufficient information to make a reasonable determination of each offeror's past performance rating.

If insufficient information regarding the offeror's corporate history is available, the offeror is encouraged to submit for evaluation evidence of relevant past performance on the part of the offeror's key/principal employees, as either a prime- or sub-contractor.

Past performance is assessed by the SSA/Contracting Officer and is assigned a narrative rating in the evaluation. Each offeror will be given an adjectival rating on past performance: highly favorable, favorable, neither favorable nor unfavorable, unfavorable, or no same or similar history. Offerors who do not have same or similar past performance information reasonably available to the Contracting Officer will not be rated either favorable or unfavorable. The Government reserves the right to award to other than the lowest priced offer as set forth elsewhere in the solicitation. In addition, the Government may accept other than the lowest priced offer if doing so would result in greater value to the Government in terms of technical performance, quality, reliability, life cycle cost, or lower overall program risk. As a part of the past performance evaluation, the Government will assess the offeror's previous compliance with the requirements of FAR 52.219-8 and 52.219-9 as applicable.

CNIN-M-0005

Note: Offerors are advised that technical proposals may be evaluated without consideration of any proposed subcontractor which is deemed to have an organizational conflict of interest.

AN/SPS-73(V) TECH REFRESH KITS
STATEMENT OF WORK
29 NOVEMBER 2009

1.0 SCOPE

This statement of work (SOW) describes the procurement requirements for AN/SPS-73 OJ-727(V) Tech Refresh Kit Draft Solicitation. The contractor shall be responsible for providing the following:

- a. Design, fabricate, assemble, inspect, test, and deliver AN/SPS-73(V) Radar Tech Refresh Kits which mitigate existing part obsolescence (as defined below);
- b. Design, fabricate, assemble, inspect, test, and deliver AN/SPS-73(V) Radar Tech Refresh Kit Installation and Check-Out (INCO) Kits and spares to mitigate existing part obsolescence;
- c. Provide programmatic and engineering support as defined in CDRLs below;
- d. Provide ISO 9001 quality assurance support;
- e. Provide configuration management support;
- f. Update software, as required, utilizing the Engineering Change Proposal (ECP) process;
- g. Provide "draft" Manuals source data to include graphics in .svg format, text in Microsoft® Word (or Navy Marine Corps Intranet (NMCI) word processing software compatible format), photographs in .svg format, and redlines using existing IETM screen shots;
- h. Update to provisioning technical documentation;
- i. Update to technical data package documentation;
- j. Provide interactive electronic technical manuals and updates;
- k. Update training material;
- l. Provide reliability data;
- m. Provide unlimited data rights from Commercial Off-The-Shelf (COTS) manufacturers for Navy's use of documentation.

1.1 Background - Obsolescence

Due to advances in technology, many circuit card assemblies in the AN/SPS-73(V) Stand Alone Operator Position (SAOP) console group are obsolete. The Tech Refresh modifies the SAOP console to mitigate obsolescence and to interface the AN/SPS-73 and the Integrated Bridge Navigation System (IBNS). The upgrade/tech refresh must be a field retrofittable kit for installed United States Navy (USN) and United States Coast Guard (USCG) OJ-727(V) / SPS-73(V) systems.

2.0 APPLICABLE DOCUMENTS

The following documents apply to this SOW. Where the exact issue of a document is specified, that issue shall be used. Otherwise, the issue in effect on the date of the request for proposal shall be used. In case of conflict between the military standards and commercial standards listed below, the military standards shall take precedence.

2.1 Government Documents

Allowance Parts List (APL) AN/SPS-73(V) 12 Surface Search Radar, 00038769CL of 27 Feb 02

DoD Directive 5230.24 Distribution Statements on Technical Documents

MIL-D-23140D Drawings, Installation Control, for Electronic Equipment
MIL-DTL-31000C Detailed Specification, Technical Data Packages

MIL-HDBK-61A Configuration Management Guidance

MIL-HDBK-502 Acquisition Logistics

MIL-HDBK-29612-3 Development of Interactive Multimedia Instruction

MIL-PRF-29612B Performance Specification Training Data Products

MIL-PRF-49506 Logistics Management Information

MIL-PRF-5480G Data, Engineering and Technical: Reproduction

MIL-S-901D Shock Test, H.I. (High Impact Shipboard Machinery, Equipment, and Systems, Requirements for)

OPNAV 23 Dec 05 Ltr Requirement for Naval Open Architecture Implementation

PEO IWS 2RI CMP 7301 Configuration Management Plan for the AN/SPS-73(V) Radar, 2 Feb 04

Technical Manual Contract Requirement (TMCR) 090044-000

TMIN SE211-AR-IEM-010 AN/SPS-73(V)12 Maintenance IETM Baseline with Field Changes 1 – 3, 5 & 8

TMIN SE211-AS-IEM-010 AN/SPS-73(V)12 Maintenance IETM with Field Changes 1 – 3, 5 / 4 & 7

TMIN SE211-AQ-IEM-010 AN/SPS-73(V)12 Operator's IETM

WS-33588 (Revision of 27 Jun 02) AN/SPS-73(V) Radar Specification

2.2 Non-Government Documents

ASME Y14.100 Engineering Drawing Practices of 2004

ASME Y14-24 Types and Applications of Engineering Drawings of 1999

ASME Y14.34 Associated Lists of 2008

IEC 62388 Maritime Navigation and Radio Communication Equipment and Systems – Shipborne Radar - Performance Requirements, Methods of Tests and Required Test Results

ISO 9001 Model for Quality Assurance in Design/ Development, Production, Installation and Servicing

2.3 Government Furnished Information (GFI)

The following documentation will be provided as GFI:

Sample Validation / Verification (VAL/VER) and Quality Assurance (QA) Plans
 Electronic Technical Manual Operation Plan (ETMOP) (Latest Version)
 Technical Manual Contract Requirement (TMCR)
 SE211-AR-IEM-010 AN/SPS-73(V) Maintenance IETM
 SE211-AS-IEM-010 AN/SPS-73(V) Maintenance IETM
 SE211-AQ-IEM-010 AN/SPS-73(V) Operators IETM

Note: Raytheon proprietary RDSCOMM© software Source Code cannot be provided as GFI. Similarly, a fully disclosed Technical Data Package cannot be provided as GFI.

2.4 Government Furnished Equipment (GFE)

Fully operational AN/SPS-73(V) Surface Search Radar may be provided as GFE upon written request from a contractor making an AN/SPS-73(V) prototype for testing or upon winning the Full-Rate Production contract award.

3.0 REQUIREMENTS

3.1 General

The U.S. Navy requires field (shipboard) installable replacement parts for obsolete parts. Replacement parts, assemblies, and kits shall be installable as part of a Field Change and shall support, at a minimum, the existing functionality as described by WS-33588 (Revision 27 Jun 02) AN/SPS-73(V) Radar Performance Specification requirements.

One U.S. Navy qualified source presently exists for AN/SPS-73(V) Tech Refresh and INCO Kits. Other prospective sources shall submit a MIL-S-901D Grade A shock and vibration qualified Tech Refresh Kit prototype for U.S. Navy test and evaluation. Test and evaluation, at a minimum, shall include passing Regression Test Procedure for the AN/SPS-73 System Software (N100022 (current Rev)) and Acceptance Test Requirement (Drawing 1720549-400) conducted by the AN/SPS-73(V) Acquisition Engineering Agent at Naval Surface Warfare Center, Crane Division, Crane Indiana. Kits shall be tested to the full range of WS-33588 requirements.

The contractor shall be responsible for providing all necessary services, facilities, resources, management, and engineering required to produce and deliver AN/SPS-73(V) Tech Refresh and Installation and Check-Out (INCO) spares kits being procured under this contract and as described in this SOW.

The threshold (minimum) service life expectancy parameter for Tech Refresh and INCO Kit parts is five years before becoming obsolete.

The objective (preferred) service life expectancy parameter for Tech Refresh and INCO Kit parts is eight years before becoming obsolete.

3.2 Product Description

The following parts, as listed in the AN/SPS-73(V) Allowance Parts List 00038769CL, contain obsolete parts. They are identified in Table 1. Their replacement, which will be different items, are required to be available and identified both individually and collectively as the Tech Refresh Kit.

TABLE 1

OJ-727(V) SERIES CONSOLE GROUP TECHNOLOGY REFRESH FIELD CHANGE KIT

Item Part #	Nomenclature	Cog	NSN	Alternate ID
N100166-1	Interface - Circuit Card Assembly	7H	5998-01-513-5298	
1720573-104	Interface – Circuit Card Assembly	7H	5998-01-477-1985	
1720993-1	Conn, Daughter Card	9B	5935-01-465-4703	
CUS/VGMD-S540QCSNBNNB1-PU3	Power PC Single 604e @ 200 MHZ, 128 MB Dram, 100 Base-T Ethernet Processor Circuit Card Assembly.	7H	5998-01-513-5191	Alternate Part #'s

				CUS/VGM1-S420EPUVXRX
				CUS/VGM1-S420EBPUVXRX
				CUS/VGMD-S530ESNBNNB1
		7H	5998-01-461-6349	CVN 68 and CVN 72 must use Power PC VGM1 CCA
TU-20	Circuit Card Assembly	7H	5998-01-482-0060	
RM235-N	VME/PCMCIA CCA Without PCMCIA Disk	9B	7025-01-468-0486	
101869-88VRNNT	IVS4010 Graphics Controller CCA	7H	5998-01-461-6394	Alternate Part #'s
				101775-88VRN
				101867-88VRN
				101869-88VRN
5127SSBPAC-100	Chassis, VME-21 Slots (Grade B card Box)	7H	5975-01-461-6342	
G785205-1	Chassis, VME-21 Slots (Grade A card Box)	7H	5998-01-513-3988	
A-600004	Navigation Sensor Interface Unit	7H	5998-21-914-5888	3-191404-020
A-600005	Navigation Sensor Distribution Unit	9B	5998-21-914-5889	3-191407-020
1721817-102	Radar Scan Converter Module CCA	7H	5998-01-503-3380	1721817-101
1721818-102	Radar Data Extractor Module CCA	7H	5998-01-503-3382	1721818-101
N100222-2	Flat Panel Display	7H	5840-01-567-0729	

Additional existing SPS-73 parts are identified as part of the existing Installation and Check-Out (INCO) Kit needed during field installation of AN/SPS-73(V) radars, as Table 2. The contractor shall base a new Tech Refresh INCO Kit and Tech Refresh INCO Kit spares upon the new Tech Refresh Kit configuration. As necessary for the Tech Refresh Kit, INCO Kits and spares shall be available and identified both individually as spares and collectively as an INCO Kit.

TABLE 2
EXISTING INCO SPARES LIST FOR AN ENTIRE AN/SPS-73 SAOP INSTALLATION:

Part Number	Nomenclature	Cog	NSN
100658A-1	Trackball, Data Entry	7H	5895-01-465-6705
1724449-100	Assy, Antenna Power Supply (3PS3)	7H	6130-01-498-8222
537-0004	Keyboard, Data Entry	7H	5999-01-465-7592
AT-FS708-10	Fast Ethernet Switch	9B	5998-01-438-7911
TA18245	Assy, VME Power Supply 750W	1H	6130-01-492-8080
PS1503	Uninterruptible Power Supply (UPS)	7H	6130-01-497-7106
RBC 7	Battery, UPS PS 1503	9B	6140-01-459-4084
PTU-8179	Power Supply (3PS1)	7H	6130-01-475-7858
TU-20	CCA, Paddle Board	7H	5998-01-482-0060
N102239-1	Assy, Xceiver (RF Module) ECP-28 Mod'd	7H	5840-01-524-2692
RVCA	Radar Video Amplifier (C12717/SPS-73)	7H	5895-01-513-3027

The following are kit nomenclature identified for the AN/SPS-73(V) OJ-727(V) Tech Refresh:

Nomenclature

AN/SPS-73(V) OJ-727(V) Tech Refresh Kit, MIL-S-901D Grade A Shock Qualified
 Quantity: Minimum 25, Maximum 175

AN/SPS-73(V) OJ-727(V) Tech Refresh Kit, MIL-S-901D Grade B Shock Qualified.
 Quantity: Minimum 25, Maximum 375

AN/SPS-73(V) OJ-727(V) Tech Refresh Installation and Check-Out (INCO) Kit
 Quantity: Minimum 4, Maximum 8

AN/SPS-73(V) OJ-727(V) Tech Refresh INCO Kit and Onboard Replacement Parts

1 Lot procured annually during life of contract made up of various quantities of INCO Kit parts to replenish parts consumed during Update Kit installations and onboard parts usage. Parts required will be identified within the first 2 months of each fiscal year.

Quantity: Minimum 0, Maximum 5

The Kits shall have, at a minimum all required performance characteristics described in WS-33588 (Revision 27 Jun 02) AN/SPS-73(V) Radar Specification requirements.

All hardware utilized in the AN/SPS-73(V) SSR is considered part of the hardware configuration item (HWCI) and shall be managed as such as described in Paragraph 3.5. All life-cycle costs related to Tech Refresh HWCI configuration management shall be identified. Any contractor bid in conjunction with this SOW shall include lifecycle HWCI costs.

3.2.1 Monitor Requirements

The performance requirements for the monitor are as follows: Threshold (minimum) requirements are the USN, BARCO Manufacturer, RFD 251S, (USN Part Number (P/N) N100222-2) high resolution, 20” flat panel display, USN Grade A shock qualified. Objective (desired) requirement parameters are identified in Table 1:

TABLE 3
 MONITOR REQUIREMENTS

Parameter category	Threshold (minimum) Parameter	Objective (desired) Parameter
Screen dimensions	Aspect ratio 5:4	Landscape format aspect ratio 4:3
	15.7" x 12.6"	16.1" x 12.0"
	20.1" diagonal	20.1" diagonal
NightBridge option: Backlight dimming ratio	360:1	400:1
Contrast Ratio in dark environment	165:1	500:1
Resolution	1280 x 1024 pixels	1600 x 1200 pixels
Pixel dimensions	0.312 mm x 0.312 mm	0.255 mm x 0.255 mm

Color Temperature	6000 K over the viewing cone	6500 K in the center and perpendicular to the screen
Rise Time (black to white transition)	35 ms typical; 70 ms maximum	Rise time: 16 ms Fall time: 16 ms
White luminance non-uniformity	<= 30%	<= 25%
Pixel Defects according to ISO 13406-2 Class II	Clusters of 3 or more are not allowed	Clusters of 2 or more are not allowed
Abnormal pixel or sub pixel, not covered under the above		maximum 5 per million maximum 2 clusters allowed within a 5x5 block of pixels
Timing Limitations		
Input Resolution		Max 1600x1200 @ 60Hz
Maximum Pixel Clock:	135 MHz	165 MHz
Maximum Refresh Rate:	75 Hz	150 Hz
RGB:	Non-interlaced	Non and Interlaced
Weight (rack mount)	30 lbs	20.3 lbs
Standard rack mount	19 "	19 "
Fixing	4 captive bolts	4 captive bolts
Environmental Specifications		
Grade A shock MIL-S-901D	Pass Heavyweight	Pass Heavyweight

3.2.2 Software Requirements

The Tech Refresh Kit shall interface with all existing (Legacy) Radar Data Service Communication Software (RDSCOMM©) (Raytheon proprietary) software interfaces within and without the Stand Alone Operators Position (SAOP). The Tech Refresh Kit shall utilize the existing RDSCOMM© as its basic internal radar data processor computer software. Because the U.S. Navy does not have unlimited rights to Raytheon's proprietary software, it cannot be provided as Government Furnished Information (GFI). Any proposal that cannot provide RDSCOMM© and intends to utilize equivalent replacement software shall include the plans and costs to implement this new software in the AN/SPS-73(V) SSR SAOP but also sustain the existing mandatory interfaces to other systems listed in the WS-33588 (Revision 27 Jun 02) AN/SPS-73(V) Radar Performance Specification including IBNS and NAVSSI. All existing functional, operational interfaces utilize RDSCOMM©. Any other software provided to replace RDSCOMM© shall include U.S. Government rights up to and including the U.S. Navy utilizing the source code as GFI in future competitive contract actions.

All software applications utilized in the AN/SPS-73(V) SSR are considered computer software configuration items (CSCIs) and shall be managed as described in Paragraph 3.5. All life-cycle costs related to Tech Refresh CSCI configuration management shall be identified. Any bid shall include lifecycle CSCI costs.

The current AN/SPS-73 Graphical User Interface (GUI) and Operator Position (OP) software written in the TCL/Tk and C programming languages shall be migrated to JAVA™. The JAVA™ OP allows the GUI/OP software to be highly portable and independent of the hardware to a very high degree. The design of the JAVA™ OP shall be in accordance with USN Open Architecture Computing Environment (OACE) Design Guidelines, Version 1.0, of 23 August 2004. The Navy OACE design guidelines state that Display and Operator software shall utilize industry standards and be designed to allow the operator the means to support the entire range of actions to be executed by an operator.

The existing Power Personal Computer processor running VxWorks is obsolete. The replacement processor shall utilize Linux, primarily for the ready availability and ruggedness Linux provides. Linux shall rehost (as VxWorks currently hosts) existing Raytheon RDSCOMM© Radar Processor code, or alternate radar processor code providing the same or better RDSCOMM© functionality.

Integrated Bridge Navigation System (IBNS) interface requirements shall include the following:

- a. Modify system software to monitor and provide the operational status of the Uninterruptible Power Supply (UPS) and make that status known to the local operator. This status shall be available on the SPS-73 GUI.
- b. Allow control of the SPS-73 from the IBNS workstations using RDSCOMM© (or RDSCOMM© equivalent) communication software.
- c. Interface with the Navigation Sensor System Interface (NAVSSI) network via non-RDSCOMM© protocols which shall be used for providing heading information to the SPS-73 in both operational and training modes.
- d. Modify the SPS-73 GUI to re-identify Generic Port 2 as a training port for the IBS-T trainer suite interface.
- e. Modify the SPS-73 to switch into a training mode when commanded by the IBNS system via RDSCOMM© (or RDSCOMM© equivalent).
- f. Modify the GUI to indicate that the SPS-73 has been switched and is in the training mode by displaying a banner across the display surface.
- g. Port RDSCOMM© (or RDSCOMM© equivalent) to Microsoft® Windows© XP SP3.

3.2.3 Configuration

The Tech Refresh Kit configuration shall be based upon the Government approved product baseline drawings identified in Table 4. Following configuration management procedures as described in MIL-HDBK-61A and the updated (see Paragraph 3.5) PEO IWS 2RI CMP 7301 Configuration Management Plan (CMP) of 2 February 2004, the new configuration shall identify changes and establish a new product baseline. Through an approved Engineering Change Proposal (ECP), the contractor shall identify all configuration changes made in establishing a new product baseline.

All parts supplied shall meet the performance requirements of WS-33588, AN/SPS-73(V) Radar Specification.

All parts supplied shall meet IEC 62388 Maritime navigation and radio communication equipment and systems, Shipborne radar, performance requirements, methods of tests, and required test results as specified by the joint USCG and USN working group and as identified with ECP-75.

TABLE 4
DRAWINGS AFFECTED BY AN/SPS-73 TECH REFRESH

Drawing	Description
1720549-100	Console Group, Main OJ-727(V)1/SPS-73(V)
1720549-101	Console Group, Main OJ-727(V)2/SPS-73(V)
1720549-103	Console Group, Main OJ-727(V)4/SPS-73(V)
1720549-104	Console Group, Main OJ-727(V)5/SPS-73(V)
1720549-108	Console Group, Main OJ-727(V)6/SPS-73(V)
1720549-112	Console Group, Main OJ-727(V)8/SPS-73(V)
G789497-1	Console Group, Main OJ-727(V)9/SPS-73(V)
1720563, 1720564, 1722134 1722135 1722136 1724494 1724496 1724499 1724500 1724502, 1720548-100, N100394-1	Various kits, INCOs, ESD, USCG deployment kits
720590-303	Cable Assy, Special Purpose, Electrical - Branched - Wire List
PL1720590-303	Parts List, CA Assy, Special Purpose, Electrical - Branched.
720549-700 (thru -712)	Console Group, Main OJ-727(V)2/SPS-73(V) Interconnection Diagram
1720549-400	Acceptance Test Requirement Console Group, Main, OJ-727(V)/SPS-73(V)
720549-502 (thru -512)	Console Group, Main OJ-727(V)/SPS-73(V) Installation Control

3.2.4 Built-In Test (BIT) Capability Improvements

In order to provide better AN/SPS-73 BIT capabilities and in conjunction with the development of Tech Refresh Kit hardware, the following BIT modifications are required:

- a. Modification A: Radar Interface Card (RIC) and Field Programmable Gate Array (FPGA).
 1. Add a Test Target loop back capability to RIC FPGA.
 2. Generate Test Target and loops back of data through Analog Video Front end / Input of RIC.
 3. Add associated hardware circuits required to implement:
 - i. New 12-bit Digital/Analog Converter and output filter.
 - ii. Changing the Furuno 2 input video multiplexer (mux) with 3 input video mux to allow for third analog video (test) source.
 - iii. Converting FPGA digital outputs to appropriate voltage range.
 - iv. Adding 2 multiplexers to the front end of comparators.
 4. Software modifications required to activate the BIT function from the user interface.

- b. Modification B: Radar Processing Module (RPM) (Data Extractor PMC) Firmware.
 1. Add Test Target capability within RDE (Radar Data Extractor) FPGA
 2. Additional scope to implement:
 - i. Update RDE FPGA (modify to create test target, ACP, ARP, and Data Ready, loop back internally, and implement register to activate this mode.
 - ii. Software changes to modify code to allow for enabling this test and any other testing required determining if a problem exists. (Software changes can be elaborated upon to increase complexity of testing in future).

- c. Modification C: Radar Processing Module (RPM) (Radar Scan Converter (RSC) PMC) Firmware.
 1. Add Test Target capability within RSC FPGA
 2. Additional scope to implement:
 - i. Update RSC FPGA (modify to create test target, ACP, ARP, and Data Ready, loop back internally, and implement register to activate this mode.
 - ii. Software changes to modify code to allow for enabling this test and any other testing required, determining if a problem exists. (Software changes can be elaborated upon to increase complexity of testing in future).

3.3 Program Management

The contractor shall be responsible for Program Management of the AN/SPS-73(V) Radar Program Tech Refresh Kit and INCO spares Kit efforts. The contractor shall organize, coordinate, and control all program activities to assure the timely delivery of all supplies and services specified herein, in a manner that affords the Government easily understandable visibility into the contractor's progress on a continuing basis. As part of the Program Management effort, the contractor shall establish and maintain an Integrated Master Schedule (IMS) (CDRL A001) to be updated monthly. The IMS shall consist of a means to provide rapid access to the status of deliverable data and hardware, as well as program schedule. The contractor shall designate a single Program Manager who shall be responsible for communicating all program aspects to the Government Program Manager.

3.3.1 Program Management Plan

The contractor shall submit a Program Management Plan, (CDRL A002). The Management Plan shall describe:

- a. Contractor's organizational structure;
- b. Assignment of functions, duties and responsibilities;
- c. Management procedures and policies; and
- d. Reporting requirements to be established for the initiation, monitoring, control, completion, test and verification, and reporting of contractually-imposed tasks, projects and programs identified herein.

3.3.2 Progress, Status and Management Reports

The contractor shall provide monthly Progress, Status and Management Reports (CDRL A003) permitting Government monitoring of the program, design, fabrication, test and delivery efforts; achievement of planned schedule milestones and activities, and problem areas with proposed solutions. The Progress, Status and Management Reports shall address Program Management, Engineering, Quality Assurance, Configuration Management, Hardware and Software Production, Testing, Contract Data Requirement List and Reliability Program elements. The reports shall include, as a minimum:

- a. Detailed program milestones and schedules.
- b. Schedule and status for all hardware, software and Contract Data Requirement List items.
- c. Verified progress made against milestones/events during the reporting period.
- d. Resolution to identified problem areas and action items, with conclusions and recommendations.
- e. Notification of significant changes to the contractor's organization or method of operation, to the program management network, or to the milestone and delivery schedule.
- f. Definition of Risk/Problem areas affecting technical, schedule or cost elements, with background and any recommendations for solutions or risk mitigation plans.
- g. Description of activities planned for the next reporting period.

3.3.3 Program Reviews

Quarterly Program Reviews (QPR) shall be held in February, May, August, and November at the contractor's facility or other locations as may be mutually agreed to by the respective Program Managers. At each Program Review, the contractor shall present the information contained in the Progress, Status and Management Reports. The contractor shall present sufficient details to permit Government monitoring with respect to the specific design and integration issues that may come up over the course of this contract. When directed, subcontractor personnel may be present at and participate in these reviews. The Government reserves the right to request additional reviews when warranted by quality or schedule slippage issues. The contractor shall provide a detailed Agenda (CDRL A004) prior to the reviews. The agenda shall, at a minimum, include all the topics identified in the Monthly Progress, Status and Management Report and all System Design and Integration Engineering efforts.

The contractor shall present sufficient details to permit Government monitoring with respect to the specific design and integration issues that may come up over the course of the Quarter. Subcontractor personnel may be present at and participate in these reviews when appropriate. The Government reserves the right to call for additional reviews when warranted by quality or schedule slippage issues.

The contractor shall provide detailed minutes (CDRL A005) of the review. The minutes shall memorialize discussions and agreements reached; list of actions assigned; and a list of attendees. The minutes shall include all material presented at the review. Additional meetings may be scheduled to address specific issues as mutually agreed upon by the Contractor Program and the Government Program manager.

3.4 Quality Assurance Program

The contractor shall maintain a Quality Assurance Program that adheres to the International Organization for Standards (ISO) 9001, Model for Quality Assurance in Design/Development, Production, Installation and

Servicing or equivalent. The Quality Assurance Program shall be in compliance with the certification criteria of ISO 9001 or equivalent. The Government reserves the right to inspect the procedures, documentation and data that comprise the ISO Quality Assurance Program to verify that it conforms to the certification criteria conformance. The Government may monitor the contractor's quality performance and may routinely conduct quality assurance inspections to monitor production.

3.5 Configuration Management Program

The contractor shall establish and maintain the Configuration Management Program in accordance with MIL-HDBK-61A and a Configuration Management Program that supports the requirements of the PEO IWS 2RI CMP 7301 Configuration Management Plan (CMP) of 2 February 2004. AN/SPS-73 (V) Configuration Management includes both Hardware and Computer Software Configuration Items. The contractor shall update and submit the AN/SPS-73(V) Radar CMP 7301 (CDRL A006) for PEO-IWS2RI14 Program Office approval. If necessary, additional updates to the CMP shall be provided over the life of the contract ensuring this guiding document reflects PEO-IWS 2RI14 policies. The Configuration Management Plan shall describe the Configuration Management Program, organization, processes, and the methods, procedures, and controls used to assure effective configuration identification, change control, status accounting, and audits of the total configuration, including hardware, software, and firmware. All life-cycle costs related to Tech Refresh configuration management must be identified. Any contractor bid in conjunction with this statement of work must include lifecycle hardware and computer software configuration item costs.

3.5.1 Configuration Identification/Configuration Status Accounting

The contractor shall maintain an information/management system to record Configuration Status Accounting Information capable of generating quarterly Configuration Status Accounting Information. Product Baselines were initially established and approved under USCG Contract DTCG23-C-ASR009 as defined in this SOW. The contractor shall submit quarterly Configuration Status Accounting Information (CDRL A007) in accordance with MIL-HDBK-61A down to the Lowest Replaceable Unit for all AN/SPS-73(V) Radar Tech Refresh Kit. The Configuration Status Accounting Information shall detail the current configuration of each end item, the documentation and identification numbers relating to each end item; and any changes to each end item.

3.5.2 Configuration Control

The contractor shall maintain the Configuration Control established by the Government approved Product Baseline(s). The contractor shall be responsible for ensuring each end item delivered to the Government conforms to the approved Product Baseline. Baseline changes require Government approval of an Engineering Change Proposal (ECP), Value Engineering Change Proposal (VECP), or Request for Deviation (RFD).

The contractor shall submit Class I and Class II Engineering Change Proposals (CDRL A008) for any change that alters the approved Product Baselines. A Request for Deviation (CDRL A009) shall be submitted for deviations from the contract requirements. The Government is not obligated to issue or approve any change or deviation that may be proposed by the contractor.

The contractor shall submit Specification Change Notice (SCN) (CDRL A010) identifying impacts to the AN/SPS-73(V) Radar Specification in conjunction with the submission of an Engineering Change Proposal.

3.6 Production Acceptance Test (PAT)

The contractor shall verify each item meets the requirements of the contract as described by WS-33588 (Revision 27 Jun 02) AN/SPS-73(V) Radar Performance Specification requirements. The contractor shall provide the Production Acceptance Test Procedures (PAT) (CDRL A011). The PAT Procedures shall define the step-by-step testing operations to be performed on each end item delivered, the test equipment, and support requirements, the imposed test conditions, the measured parameters, and the pass/fail criteria against which the test results shall be measured. If required, the contractor shall update the PAT Procedures (CDRL 011). The contractor shall provide PAT Reports (CDRL A012) documenting the test results, findings, and analyses of all items tested to demonstrate to the Government compliance with system requirements, performance objectives, and specification and test criteria.

3.7 Software Documentation

The contractor shall develop and maintain software over the life of this contract. The contractor shall follow standards as set by the Carnegie Mellon Institute capability Maturity Model (CMM) Level V Standards. The contractor shall provide a Software Development Plan (CDRL A013) identifying the processes followed for software development, methods to be used, approach to be followed for each activity, and projected schedules, organization and resources. The Software Development Plan shall be updated annually.

All software must comply with the USN Requirement for Naval Open Architecture Implementation as described in OPNAV Letter of 23 December 2005.

The initial software baseline for the base year contract will be Build 11.9. Annual software builds shall become the baseline for each follow-on production year.

The contractor shall develop and maintain the Problem Trouble Report (PTR) database (CDRL A014) tracking system documenting Fleet issues and corrective actions. The contractor shall present the status at each Program Review and/or allow the Government access to the database in lieu of presenting the status.

3.7.1 Software Testing

The contractor shall conduct software testing, proofing each software build prior to release to the Government. The contractor shall provide a Software Test Plan (CDRL A015). The Software Test Plan shall describe the software test environment to be used for testing, identifying the test to be performed, and providing schedules for test activities. The contractor shall provide a Software Test Description (CDRL A016). The Software Test Description shall describe the test preparations, test cases, and test procedures used to perform qualification testing. The contractor shall provide a Software Test Report (CDRL A017) to document the results of the software qualification test. The contractor shall provide annual updates to the test plan and test description over the life of the contract, as required. Test Reports shall be provided for each software build.

3.7.2 Software Documentation

As required, during the AN/SPS-73(V) Tech Refresh contract, the contractor shall provide updates / changes to the following software documentation:

- a. System/Segment Design Document (CDRL A018) describing the system and the architectural design of the AN/SPS-73(V) Radar.
- b. Software Version Description (CDRL A019) identifying and describing the content of each software release.
- c. System Interface Design Description (CDRL A020) describing the interfaces characteristics of each AN/SPS-73 (V) Radar Interface.
- d. RDSCComms Interface Design Description (CDRL A021) describing the interface characteristics of the AN/SPS-73(V) RDSCComms Interface.
- e. System Software Product Specification (CDRL A022) containing or referencing the executable software, source files, and software information, including "AS built" design information and compilation, build and modification procedures for the AN/SPS-73(V) Radar Software.
- f. System Software Design Descriptions (CDRL A023) describing the design, the design decisions, the architectural design, and the detailed design needed to implement the AN/SPS-73(V) Radar Software.
- g. System Software Requirements Specification (CDRL A024) specifying the requirements for the AN/SPS-73(V) Radar and the methods to be used to ensure each requirement have been met.
- h. System Interface Software Requirements (CDRL A025) specifying the requirements for each AN/SPS-73(V) Radar Interface and the methods to be used to ensure each requirement have been met.

- i. RDSComms Interface Software Requirements Specification (CDRL A026) specifying the requirements for the AN/SPS-73(V) Radar RDSComms Interface and the methods to be used to ensure each requirement has been met.
- j. System Firmware Support Manual (CDRL A027) containing the information needed to program and reprogram the firmware devices identifying the firmware devices and equipment, software and procedures to erase firmware devices, load software into the firmware devices, verify the load process, and mark the loaded firmware devices.
- k. System Software User Manual (CDRL A028) containing instructions on how to install and use the software.

3.8 Logistics Management Information

Logistics Management Information (LMI) provides the information required to perform logistics management functions. MIL-PRF-49506 shall be used as guidance to develop the LMI products specified in the following. This information shall be in the form of summary reports or a set of specific data products. The contractor shall ensure that the LMI provided under this SOW is coordinated with the data requirements of all other program elements to eliminate inconsistencies among deliverables.

3.8.1 LMI Product Requirements

The contractor shall provide Supportability Analysis Summaries (SAS) (CDRLs A029, A030, A031, A032, A033, A034). These summaries provide information for logistics planning and analysis, program decisions influencing logistics support and design and program status assessment. Appendix A to MIL-PRF-49506 describes the general requirements for each summary and shall be used as guidance.

3.8.1.1 Maintenance Concept and Planning Summary

The maintenance concept for AN/SPS-73(V)Radar Console Groups (OJ-727(V) Series) modified by the Technology Refresh Field Change shall reduce maintenance requirements by reducing the number of LRUs (potential points of failure) and emphasize employment of Built In Test (BIT) in fault-isolation to achieve required operational availability (Ao). The SAS Maintenance Concept and Planning Summary shall provide maintenance planning information applied at the Console Group level that shall be used to develop initial fielding and support plans. It shall identify all preventive and corrective maintenance actions, to include required spares and support equipment. The principles of Reliability Centered Maintenance (RCM) shall be applied. The summary shall provide identification and supporting information for all maintenance tasks; task frequency, Mean Time Between Failure (MTBF), Mean Time To Repair (MTTR), and man-hour allocation by maintenance action.

3.8.1.2 Level of Repair Analysis (LORA) Summary

The SAS (Paragraph 3.8.1) shall include actions and recommendations for influencing the Technology Refresh Field Change design to achieve the repair requirement of identifying, removing, and replacing a BIT identified faulted LRU. It shall provide a list of all items that shall be repaired and/or discarded. The summary shall identify the level of maintenance (Organizational, Intermediate or Depot) at which the repair shall be performed. The summary shall identify the operational readiness achieved and a recommendation for spares allocation.

3.9 Drawings

The contractor shall provide new drawings and update existing drawings for all AN/SPS-73(V) Radar equipment affected by Tech Refresh over the life of this contract. Drawings shall be in accordance with MIL-DTL-31000C and ASME Y14.100M. If applicable, drawings shall be updated upon conclusion of an approved ECP, VECP or RFD.

A fully disclosed Technical Data Package shall be created and delivered for the modified SAOP. Commercial drawings and associated lists, as well as Level III (at the schematic / parts list level) drawings, where

applicable, shall be provided. Where applicable, the Level III drawings shall be provided in Vector format. The use of Source Control Drawings requires Government approval (CDRL A035) in advance and shall include a statement authorizing the release of all rights to the Government in the event the source discontinues production of the item. All drawings shall include the appropriate distribution statement and export control notice in accordance with DOD Directive 5230.24.

3.9.1 Development Drawings

The contractor shall provide Product Drawings and Associated Lists (CDRL A036) as part of contract award for all items that have been modified, which is up to and including ECP 73. The contractor is authorized to revise the drawings and associated lists in accordance with:

a. MIL-DTL-31000C and ASME Y14.100M with content and format in accordance with ASME Y14.24M and ASME Y14.34M

3.9.2 Commercial Drawings

The contractor shall provide updates to Commercial Drawings and Associated Lists (CDRL A037) for all new items, down to the Lowest Replaceable Unit (LRU), intended for delivery, but not developed specifically to meet the requirements of this contract. New Commercial Drawings and Associated Lists shall be prepared in accordance with MIL-DTL-31000C and ASME Y14.100. Content and format shall be in accordance with ASME Y14.24M and ASME Y14.34M.

3.10 Technical Manuals

3.10.1 Interactive Electronic Technical Manual (IETM)

The contractor shall draft the basic AN/SPS-73(V)12 Maintenance IETM and basic with Field Changes 1-3, 5, 4 & 7 (Grade A Shock) (CDRL A038). The contractor shall redline the existing IETMs (SE211-AR-IEM-010 and SE211-AS-IEM-010) by using screen shots of the text, links, tables, figures, etc. that require updates for the Tech Refresh IETM in accordance with Technical Manual Contract Requirement (TMCR) TMCR No. 090044-000. Every screen shot, link, table, figure, etc. shall include the path of where the screen shot is located within the IETM. All new text shall be in Microsoft Word and all new graphics and photographs shall be in .svg format, using design tools such as AutoCAD, Corel Draw, or Adobe Illustrator. This shall be discussed at the Guidance and Quality Planning Conference.

The contractor shall draft an AN/SPS-73(V) Operator's IETM (SE211-AQ-IEM-010) (CDRL A038) following the same process as the Maintenance IETM. The contractor shall deliver all source files (any paper redlines, text files, .svg graphics, photographs, etc.) used to develop the Tech Refresh IETMs. The contractor shall incorporate all Government approved engineering changes and all Technical Manual Deficiency/Evaluation Reports provided by the Government. The draft IETMs, and source data shall be used by the Government to develop the final IETMs, in accordance with the Standard Navy Integrated Publishing Process (SNIPP) to ensure distribution to the Fleet.

3.10.2 IETM Plans

The contractor shall develop and deliver a Quality Assurance Plan (QA) (CDRL A039) and a Validation/Verification Plan (CDRL A040) in accordance with TMCR 090044-000. The QA Plan shall detail QA processes to be implemented throughout the development of the IETMs, and a final QA prior to Government delivery.

Along with the Validation/Verification Plan, the contractor shall provide technical support to participate in the combined validation/verification. The contractor shall provide a Validation Certificate (CDRL A041) for final data file deliveries.

The contractor shall host and participate in three In-Process Reviews (IPR) (CDRL A042). These IPRs will be scheduled and agreed upon by the Government. As described in the CDRL, the Government will notify the contractor of the first scheduled IPR.

A technical manual Guidance and Quality Planning Conference (CDRL A043) shall be hosted by the contractor to present the draft IETM development team, present the development schedule, outline processes, define the validation/verification procedures, and provide understanding of the overall task. Conference shall be held no later than 60 days after CDR.

3.10.3 Schedules, In-Process Reviews, and Status Reports

The contractor shall present the technical manual schedules, to include In-Process Reviews, and status reports (CDRL A044) as part of each Program Review. The IETM In-process reviews shall be held at 35-40%, 75%, and 100% of the production time period. The 100% review shall be part of the Validation/Verification (CDRL A045). The contractor shall prepare conference and meeting minutes (CDRL A005) as requested by the Government.

3.11 Manpower, Personnel and Training (MP&T)

The SAS summary (Paragraph 3.8) shall outline impacts to MP&T elements required in support of the OJ-727(V) Series Console Group, subsequent to implementation of the Technology Refresh Field Change. The SAS shall provide information required to support updates to the Navy Training System Plan (NTSP). The information contained within this report shall identify corrective and preventative maintenance tasks, operating tasks, manpower estimates for each task by maintenance level, and the knowledge and skills to perform operating and maintenance tasks.

3.11.1 Operators Computer Based Instruction (CBI) Update

The contractor shall provide an update to the AN/SPS-73(V) Radar Set Operators Computer Base Instruction (CDRL A046, A047, A048, and A049) based on changes caused by Tech Refresh. Updates shall be developed in accordance with MIL-HDBK-29612-3 and MIL-PRF-29612A. The contractor shall provide technical data, to include but not limited to functional description and screen captures of graphical user interface (GUI) changes introduced.

3.11.2 MP&T Status Reports

The contractor shall present schedule and status reports as part of each Program Review. In-process reviews shall be held as part of each Program Review. The contractor shall provide course material to support training (CDRL A050). This shall include Maintenance and Operator course materials.

3.11.3 Train the Trainers Event

The contractor shall conduct a "Train the Trainers" event (CDRL A051) and provide updated training course materials in editable electronic Microsoft® Word (or Navy Marine Corps Intranet (NMCI) compatible word processing format) and Scalable Vector Graphics (SVG) format. "Train the Trainers" process is required in support of In Service Engineering Agent (ISEA) development and to conduct initial training events supporting ship's crew maintenance qualification for the Technology Refresh Field Change implementation in USN systems. The cost additionally provides for ISEA support of CIN A-104-0225 course update and pilot.

3.12 Contract Data Requirements List (CDRL)

The contractor shall furnish data in accordance with the CDRL, DD Form 1423, Exhibit "A" and SOW.

The contractor shall present the delivery status of all CDRL identified in Exhibits "A" at each Program Review.

3.13 System Design & Integration Engineering Management

The contractor shall organize, coordinate, and control all engineering activities in a manner that affords the Government adequate visibility into the contractor's progress on a continuing basis and assures all supplies and services specified herein meets all contract requirements.

The contractor shall designate lead engineers who shall be responsible for communicating the planning, execution, and control of all engineering aspects to the PEO IWS 2RI Program Manager designated engineers.

3.13.1 Design Reviews

Based upon Government review of the Integrated Master Schedule (IMS) (CDRL A001), if deemed necessary, the contractor shall conduct Design Reviews (CDRL A052) in conjunction with scheduled Program Reviews. The contractor shall demonstrate that the design, fabrication, and test efforts are in compliance with the contract requirements (WS-33588 (Revision 27 Jun 02) AN/SPS-73(V) Radar Performance Specification). The contractor shall present sufficient details to permit Government monitoring with respect to the specific design and integration issues.

3.14 Installation Control Drawings

The contractor shall provide revisions to Installation Control Drawings (ICD) in accordance with MIL-D-23140D (CDRL A053). Baseline ICDs were previously submitted and approved under USCG Contract DTCG23-96-C-ASR009. The contractor shall provide new ICDs for all new variants established under this contract.

4.0 PROVISIONING

4.1 Scope

This describes the requirements for Provisioning Technical Documentation (PTD) for the AN/SPS-73 Tech Refresh Kits.

4.2 Applicable Documents

The following documents apply to this SOW.

4.2.1 Military Standards

MIL-DTL-31000C	Technical Data Packages (TDP)
MIL-HDBK-29612/1A	Guidance for Acquisition of Training Data Products and Services (Part 1 of 5 Parts)
MIL-HDBK-29612/2A Education (Part 2 of 5 Parts)	Instructional Systems Development/Systems Approach to Training and
MIL-HDBK-29612/3A	Development of Interactive Multimedia Instruction (IMI) (Part 3 of 5 Parts)
MIL-HDBK-29612/4A	Glossary for Training (Part 4 of 5 Parts)
MIL-HDBK-29612/5 (Part 5 of 5 Parts)	Advanced Distributed Learning (ADL) Products and Systems
MIL-PRF-49506	Logistics Management Information (LMI) Performance Specification
MIL-STD-129P	Marking for Shipment and Storage

4.2.2 MIL-STD-2073-1E
Other Documents

DoD Standard Practice for Military Packaging

(PAFOS)	NAVSEA Technical Specification 9090-1500	Policies and Procedures, Provisioning, Allowance and Fitting Out Support Manual, Chapter 4. Available at:
	https://secure.nslc.navy.mil/nslcprod/pafos.nsf/HomePage .	
	OPNAVINST 4614.1F CH 2 of 28 Oct 95 System	Uniform Material Movement and Issue Priority
	NAVSUP Pub 437 of Nov 96	MILSTRIP/MILSTRAP
	FAR 45 of 14 Jun 07	Federal Acquisition Regulations Government Property
	SECNAVINST 5000.2B of 6 Dec 96	Implementation of Mandatory Procedures for Major and Non-Major Defense Acquisition Programs and Major and Non-Major Information Technology Acquisition Programs
	DOD-STD 4100.38M of 30 Dec 86	DOD Provisioning and Other Reprourement Screening Manual
	NAVSUP P-719 of 6 Jun 99	Guide of the Assignment, Application and Use of Source, Maintenance & Recoverability Codes
	IEEE STD 200 (ANSI Y32.16) of 31 Oct 75	American National Standard for Reference Designations for Electrical and Electronics Parts

4.3. Provisioning Requirements

4.3.1 Provisioning Program

The contractor shall establish, implement, and maintain a Provisioning Program in accordance with the SOW, the DID DD Form 1664, and the CDRL DD Form 1423. The contractor shall establish necessary procedures to assure that provisioning data is collected, tracked, and integrated into the provisioning data files described in Paragraph 4.3.5.

4.3.2 Deviations

When, in the opinion of the contractor, a deviation from standards, previous instructions from the technical representative, or requirements of this SOW is in order, the contractor shall request a deviation in writing to the Contracting Officer with an information copy to the technical representative. The Contracting Officer shall notify the contractor in writing of approval or disapproval, of the deviation, within thirty days after receipt.

4.3.3 Provisioning Conferences

4.3.3.1 Conferences, Agendas, and Minutes

The contractor shall provide a detailed agenda (CDRL A004) prior to each of the following conferences. The contractor shall provide detailed minutes (CDRL A005) of each of the conferences.

4.3.3.2 Provisioning Guidance Conference (PGC)

The PGC is held to ensure mutual understanding of provisioning requirements and responsibilities. It is used to solidify the provisioning team's understanding of the provisioning system to develop and submit Provisioning Technical Documentation (PTD). The contractor shall make facilities available at the contractor's site for the PGC, which shall convene within 60 days after contract award. The contractor and subcontractor personnel that prepare the provisioning documentation shall be required to attend. The attendees of the PGC shall thoroughly review the requirements of this SOW and be ready to present any questions and recommendations relative to the provisioning requirements. The contractor should expect Government attendees to number no more than 15 persons and the conference to occur in one working day.

4.3.3.3 Interim Support Item Provisioning Conference (ISIPC)

Requirements and criteria for the ISIPC will be addressed during the PGC.

4.3.3.4 Provisioning Conference

The purpose of the Provisioning Conference is to finalize the technical and management coding of the Data Product Deliverables (DPD). Requirements and criteria for any provisioning in-process reviews leading up to the provisioning conference shall be addressed during the PGC. The requirement and criteria for a Provisioning Conference shall be addressed during the PGC. When the provisioning conference is required, the contractor shall provide facilities, unless the Government chooses to host the conference at a Government facility. The contractor should expect Government attendees to number no more than 15 persons and the conference to occur in one working day.

4.3.4 Provisioning Technical Documentation (PTD)

4.3.4.1 Provisioning Submittal

PTD submittal shall include Component Identification Data (CID), Data Product Deliverables, and Engineering Data for Provisioning (EDFP). The contractor shall provide PTD in accordance with this SOW, the LMI Worksheet, CDRL A028, and the APL Worthiness Guidance found in PAFOS Chapter 4, Appendix G.

4.3.4.1.1 PTD Sequencing

Individual Provisioning List Item Sequence Numbers (PLISN) shall be sequenced by one of the following methods:

- a. Electronic Systems and Equipment. PTD for electronic systems and equipment shall be sequenced by reference designation.
- b. Non-electronic Systems and Equipment. PTD for non-electronic systems and equipment shall be sequenced by indenture code.
- c. Non-electronic Systems and Equipment having Electronic Components that are designed with Reference Designations. Any non-electronic systems or equipment containing electronic components shall be sequenced by indenture code; however, the PTD for the electronic components in these systems or equipment shall be sequenced by reference designation.

4.3.4.1.1.1 Reference Designators

For end items requiring a top-down breakdown by means of reference designation, the contractor shall assign reference designators that comply to the IEEE STD 200 (ANSI Y32.16) of

31 October 1975. PAFOS Chapter 4, Appendix E provides an example of a breakdown in electronic equipment, and illustrates the relationships between Reference Designation, Quantity per Assembly, Quantity per End Item, and Part Number or Reference Number.

4.3.4.1.1.2 Indenture Codes

The contractor shall assign indenture codes for all non-reference designator provisioning packages. PAFOS Chapter 4, Appendix F provides an example of a breakdown in HM&E equipment, and illustrates the relationship between Indenture Code, Quantity per Assembly, Quantity per End Item, and Part Number or Reference Number.

4.3.5 PTD Development and Delivery

Delivery of PTD shall either be via the Government's Interactive Computer Aided Provisioning System (ICAPS) or in a format and media compatible with ICAPS, as specified in PAFOS Chapter 4, Appendix K. ICAPS was developed by the Government for the purpose of developing and transmitting provisioning related data and is available free of charge to contractor personnel, as well as Government agencies. Two versions of ICAPS, with supporting documentation, are currently available for downloading from the ICAPS home page at <http://icaps.nctsjax.navy.mil>. ICAPS Personal Computer, Windows (ICAPS PC-WIN), which allows for remote provisioning development and the ability to produce the required formatted outputs and ICAPS Client-Server (ICAPS C/S), which is a real-time database that enables all provisioning related activities to access and manipulate the data in the database over the internet. The contractor shall contact the TSA to obtain a user ID and password required for access to ICAPS C/S.

4.3.6 Statement of Prior Submission (SPS)

The contractor shall submit an SPS, per CDRL A054, by providing Component Identification Data (CID) in accordance with the requirements of Paragraph 4.3.7.2. The SPS shall apply to the end item, or to any component thereof, and shall provide total identification of the system, equipment, or component. By submitting an SPS, the contractor certifies all of the following:

a. PTD, which may satisfy the requirements of the contract, has previously been furnished to the Government for the system, equipment or component being procured. (When an SPS is submitted without an APL identified, the submitter shall identify the Procurement Contract Control Number (PCCN), submittal date, and Government agency to which the PTD was previously submitted.)

b. The required maintenance philosophy is fully supported.

c. All replacement parts are 100% identical to those provided by the previously furnished PTD.

If there are maintenance philosophy/part differences, an SPS with Differences shall be submitted as a DCN with supporting EDFP that identifies the differences. The SPS with Differences shall identify the changed part numbers from before the change as deletions and the new part numbers as additions. The Government shall reject an SPS if it does not meet both the data and certification requirements of this contract. If an SPS is rejected, the contractor shall be required to submit a new provisioning package that meets the requirements of Paragraph 4.3.4.1.

4.3.7 Component Identification Data (CID)

CDRL A054 and the LMI Worksheet specify the data, format, and media requirements for CID. The contractor shall use CID to submit identification data for all systems and equipment. CID shall be delivered concurrently with every submittal of Data Product Deliverable. The contractor shall use CID for submittal of Provisioning Header Data, Statements of Prior Submission (SPS), and Advance RIC requests.

4.3.7.1 Provisioning Header Data CID

The contractor shall submit header data with each provisioning project. For Provisioning Header Data, the contractor shall submit the provisioning data products specified in the LMI Worksheet for each PCCN. The data shall provide the Navy sufficient end item information to identify the system or equipment, the applicable contract, and the planned installations.

4.3.7.2 Statement of Prior Submission (SPS) CID

To satisfy the data and delivery requirements of SPS for Government Furnished Equipment (GFE) and CFE, the contractor shall submit the provisioning data products specified in the LMI Worksheet.

4.3.7.3 Advance RIC CID

The contractor shall use CID to submit the data required to request an Advance RIC for any system or equipment that will not have PPL or a PAL request submitted in time for configuration identification. The contractor shall submit the provisioning data products specified in the LMI Worksheet. Additionally, the following information shall be provided in the Characteristics Data field:

- a. Name of person requesting the Advance RIC
- b. Command or Activity
- c. Date Advance RIC was requested
- d. Scheduled date for complete PTD to be provided to the NAVSEA TSA
- e. Applicable system/function, if known. The timeframe requiring an Advance RIC request shall be in accordance with the CDRL.

4.3.8 Tools and Test Equipment

Tools and test equipment built-in, as an integral part of the equipment, shall always be included in the PPL for the equipment.

4.3.9 Engineering Data for Provisioning (EDFP)

Approved EDFP is required for all systems or equipment acquired for Navy use and for which PTD is being acquired. The technical data provides definitive identification of dimensional, material, mechanical, electrical, or other characteristics adequate for provisioning of the support items of the end articles on contract. EDFP consists of but is not limited to data such as specifications, standards, drawings, photographs, sketches and descriptions, and the necessary assembly and general arrangement drawings, schematics, drawings, schematic diagrams, wiring and cable diagrams, etc., or what is sometimes referred to as form, fit and function. This data is necessary for the assignment of Source, Maintenance, and Recoverability (SMR) codes, for assignment of Item Management Codes, prevention of proliferation of identical items in the Government inventory, maintenance decisions, and item identification necessary in the assignment of a National Stock Number (NSN). EDFP format and content shall be prepared in accordance with the latest industry standards and shall be reproducible, as outlined below. Approved EDFP shall contain all appropriate annotations, i.e., proper Distribution Statements, Military Critical Technology markings, etc.

For items without a NSN, recognized industry standard or Government specification or standard, the following order of precedence is required for EDFP:

- a. Technical Data equivalent to approved Product Engineering Drawings as defined in MIL-DTL-31000C
- b. Commercial drawings
- c. Commercial manuals, catalogs or catalog descriptions
- d. Sketches or photographs with a brief description of dimensional, material, mechanical, electrical or other characteristics.

EDFP shall provide for the following:

- a. Technical identification of items of maintenance support considerations
 - b. Preparation of item identification for the purpose of assigning NSNs
 - c. Review for item entry control
 - d. Standardization
 - e. Review for potential interchangeability and substitutability
 - f. Item management coding
 - g. Preparation of allowance/issue lists
 - h. Source, Maintenance, and Recoverability coding

EDFP shall not be provided when the item is:

- a. Identified by a Government specification or standard which completely describes the item including its material, dimensional, mechanical and electrical characteristics.
- b. Identified in Defense Logistics Information as having an NSN with salient characteristics identical to the item.
 - c. Item is listed as a reference item (subsequent appearance of an item) on a parts list.

EDFP shall be provided from the Technical Data Package CDRLs A036 and A037 tailored to support the provisioning process and delivered concurrent with PTD. The contractor shall provide the EDFP in accordance with CDRLs A055, A029, and A056 as reference in CDRLs A036 and A037. EDFP shall not be provided when the item is identified in the Defense Integrated Data System with a type item identification of 1, 1A (K), 1B (L), or (3) (the item is listed as a reference item (subsequent appearance of an item on a parts list)).

4.3.10 Manufacturer's Commercial Manuals

The contractor shall provide the manufacturer's commercial manuals (CDRL A057). These manuals shall be used to supplement EDFP and the provisioning data.

4.3.11 Provisioned Item Order (PIO)

If the Government elects to procure support items from the contractor, the Government will release an initial basic PIO for the required support items. If concurrent delivery is required and such delivery necessitates a delay in the delivery of the end items or components, an adjustment in the delivery requirements shall be considered. The Government reserves the right to place additional orders for support items during the life of the contract.

4.3.12 Vendors/Subcontractors

When the prime contractor buys end articles or a portion thereof from a vendor/subcontractor, the prime contractor shall impose this specification upon its vendors/subcontractors. The inclusion of the requirement for such data on contractor's subcontracts/purchase orders to its vendor/subcontractors does not relieve the prime contractor of its obligation to ensure timely delivery of the required Provisioning Data Products, EDFP, and other provisioning deliverables.

4.3.13 Design Change Notice (DCN)

The contractor shall notify the TSA of all changes, whether of a production or modification type, which are approved for incorporation into the end item and which modify, add to, delete, or supersede parts in the end item or its supporting equipment. When an approved engineering design or production change requires new identification as specified in DoD-STD-00100D (AR), Paragraph 402.14, and the contractor shall submit PTD revisions via DCNs, per CDRL A030, in accordance with the following:

- a. When the approved change affects interchangeable repairable assemblies to introduce non-interchangeable parts, identify the part number before the change as a deletion, and the part number after the change as an addition.
- b. Change and document the part number of the next higher assembly, and those of all progressively higher assemblies, up to the assembly where interchangeability is reestablished. PTD shall include the interchangeable assembly.
- c. EDFP is not required for deleted items.
- d. Changes that occur after PTD have been delivered shall be documented as a revision to the applicable PTD. When the design change significantly impacts the system or equipment configuration, and when directed by the Administrative Contracting Officer, a changed system or equipment shall be provisioned as a new end item and documented by PTD with associated EDFP.

4.3.14 Interim Supply Support (ISS) Provisioning Requirements

If ISS is determined to be needed (at the PGC), Interim Support Item Lists (ISILs) (CDRLs A058 and A031) shall be required. ISILs shall provide a parts breakdown of the system or equipment using mandatory Data Product Deliverables (Dads) for each part. The specific Dads required determining ISS requirements are identified in the LMI Worksheet attached to the contract. The contractor shall utilize the same data development and submission methodology for ISS as required for the remainder of the provisioning related data.

5.0 AN/SPS-73(V)12 RADAR Tech Refresh Kit Maintenance Course CIN: A-104- 0225 Update

5.1 Scope

This requirement is for the design, development, production, installation, and testing of the AN/SPS-73(V) 12 Radar Tech Refresh Kit Maintenance training course. This unclassified course shall result in the development of an estimated eight hours of Interactive Multimedia Instruction (IMI), linked to a Level IV simulator for instruction and assessment, covering Laboratory exercises, with approximately 16 hours of Instructor Lead Training (ILT) in the following areas:

- a. Introduction to AN/SPS-73(V)12 Radar Tech Refresh Kit
- b. Theory of Operation of the AN/SPS-73(V)12 Radar Tech Refresh Kit
- c. Functional Description of the AN/SPS-73(V)12 Radar Tech Refresh Kit
- d. Preventive and Corrective Maintenance of the AN/SPS-73(V)12 Radar Tech Refresh Kit
- e. AN/SPS-73(V)12 Radar Tech Refresh Kit Troubleshooting

The project scope includes the development of approximately 20 interactive maintenance troubleshooting Level IV simulation exercises that equate to an estimated eight hours. MIL-HDBK-29612-3A shall be used as guidance for the development of AN/SPS-73(V)12 Tech Refresh Kit Interactive Multimedia Instruction (IMI) requirements.

The course of instruction shall provide Electronics Technicians the skills necessary to troubleshoot, repair, and perform situational preventive maintenance on the AN/SPS-73(V)12 Radar Tech Refresh Kit systems. NSWC Port Hueneme Division Detachment, Virginia Beach AN/SPS-73(V)12 technical ISEA is the Content Sponsor for this effort. The AN/SPS-73(V)12 Radar Tech Refresh Kit troubleshooting Maintenance Course shall be produced nine months after contract award.

5.1.1 Background

The Tech Refresh requirement incorporates configuration modifications to the AN/SPS-73(V) console to primarily mitigate obsolescence and include an interface capability between the AN/SPS-73 and the Integrated

Bridge Navigation System (IBNS). The upgrades are intended to be a field retrofit for installed USN and USCG OJ-727(V) /SPS-73(V) systems.

Current Course of Instruction (COI) CIN: A-104-0225 provides formal Navy training in support of AN/SPS-73(V)12 radar system. This COI requires updates to incorporate curriculum and instructional media in support of Tech Refresh modifications. The development of updates to the existing interactive Level IV simulation, or development and introduction of a comparable training tool shall allow the students to practice and perfect training. Current simulation training products consist of Lockheed Martin VISTA™ and Raytheon developed Operators Computer-Based Instruction (CBI). The COI is supported by an Interactive Electronic Technical Manual (IETM). This shall be accomplished by the students completing predetermined troubleshooting and corrective maintenance scenarios.

5.1.2 AN/SPS-73(V)12 Tech Refresh Kit Radar System Description

The Tech Refresh Kit configuration changes encompass the design, development, and testing tasks required to provide the modifications to the OJ-727 (V) series console. This effort mitigates the radar processor obsolescence issues by migrating the current VME (Versa Module Eurocard) circuit card assemblies and architecture to a compact PCI (cPCI) based architecture with COTS cards. The major tasks were combining the RCC (Radar Control Card) and A6 interface cards into a new discrete card, rehosting the RSC (Radar Scan Converter) and RDE (Radar Data Extractor) Firmware onto COTS (Commercial-Off-The-Shelf) PMC (Peripheral Component Interconnect Mezzanine Card) modules, rehosting the Synergy CPU (Central Processing Unit) and Barco graphics cards onto a COTS processor module, porting all software to run on an Intel based platform, performing system level integration, test and checCORut, and to update and release related technical data and documentation.

5.1.3 Approval Authority

The Center for Service Combat Systems (CSCS) Course Curriculum Model Manager (C2M2) is charged with all planning, analysis, design, development, implementation, and evaluation of curriculum for Electronics Technicians. The AN/SPS-73(V)12 technical ISEA and awarded course development contractor shall work as part of a Government and contractor team to provide support to CSCS in training material planning, analysis, design, and development. Overall coordination, final approval, and authority for this project are the responsibility of the Program Executive Office Integrated Warfare Systems (PEO IWS2L2). CSCS and the AN/SPS-73(V)12 technical ISEA shall be an integral part of the review, acceptance, and rejection process to ensure quality training materials are developed, delivered, and installed in accordance with the defined requirements.

The Contractor may be requested to provide Independent Validation and Verification (IV&V) in support of the CSCS by providing an Instructional Systems Design (ISD) and SME support. (CDRL A059).

5.1.4 Technical Documentation

Delivery of preliminary technical documentation shall occur no later than 10 working days after the 75% In Process Review (IPR) of applicable Interactive Electronic Technical Manual (IETM). The contractor may subsequently request additional technical documentation. Such requests shall be made in writing (e-mail is acceptable) and sent to the Contracting Officer Representative (COR), with a copy sent to the Project Manager. Upon approval of the request, additional technical documentation will be provided to the contractor within five working days. The contractor shall acknowledge receipt of all Technical Documentation in writing (e-mail) to the COR and the Project Manager no later than three working days after receipt.

All Technical Documentation shall be returned to the forwarding Government agency upon contract expiration. The Government may on occasion have difficulties obtaining Technical Documentation within five working days. In these cases, the Government will clearly communicate delays to the Project Manager. The COR will obtain a written response from the contractor on the impact (no-impact/delay in deliverables/funding increases) of a delay in delivering Technical Documentation.

5.1.5 Government Furnished Applications

The following applications will be available to the contractor when applicable to the work performed in accordance with this SOW:

- a. AIM I Learning Object Module (AIM I). AIM I is an ILT and IMI authoring product.
- b. Preliminary AN/SPS-73(V)12 Technical Manuals (Redlines)
- c. Final AN/SPS-73(V)12 Technical Manuals

Access to these applications shall be coordinated by the Project Manager.

5.1.6 Government Furnished Equipment (GFE) and Facilities

PEO IWS2L2 does not intend to furnish equipment or facilities to the contractor for use during this effort. Access to existing laboratory/trainers/classroom will be granted to the contractor within ten working days after a written request.

5.1.7 Subject Matter Experts (SME)

The Project Manager will provide the contractor with a list of SMEs. The majority of SMEs shall be located in Norfolk and San Diego. The CSCS will coordinate SME availability on a not-to-interfere basis with their primary duties. The Project Manager and AN/SPS-73(V)12 technical ISEA (Training Support Activity (TSA)) shall be copied on all written correspondence.

5.1.8 Data Rights

5.1.8.1 Unlimited Rights Agreement

The Government shall receive an Unlimited Rights License (See DFARS 252.227-7013/7014) in all deliverable technical data, computer software, and computer software documentation. The Unlimited Rights License shall be irrevocable, fully paid up, perpetual and world-wide. For example, the Government will not pay royalties, recurring license fees, or run-time fees, use taxes, or any similar additional payments to the contractor for the approved and final content generated under this contract. The contractor may not use any multimedia software packages for production, authoring, or presentation to produce, modify, view, or execute the content, whether in progress or final if software requires the Government pay a royalty after delivery, including any running or recurring royalty, special license fee, run-time fee, use tax, or any similar additional payment to any organization, including but not limited to the contractor, any third-party provider, including a provider of commercial computer software. Any third-party license that is procured must be irrevocable, fully paid-up, perpetual, and world-wide, and must be authorized by the COR.

The Government shall receive an Unlimited Rights License (See DFARS 252.227-7013/7014) in all metadata-tagged assets within the developed content and the required source files (unlocked or fully layered and with the creation software identified); which are necessary for lifecycle management of the assets and any other data used or needed to design, develop, display, deliver, or manage the final and approved content. The Unlimited Rights License shall be irrevocable, fully paid up, perpetual, and world-wide.

5.1.8.2 Life Cycle Management

The contractor shall provide a Life Cycle Management Guide and index of IMI content to support life cycle management of source material. The guide and index will be approved by the Project Manager.

5.1.8.3 Licensing/Ownership Rights

All technical data and computer software, including but not limited to source files, 2D and 3D imagery, 3D models and wire-frames, video, audio, animations, design documentation, other support documentation and content, developed by the contractor are contemplated to be developed with Government funding and not private funding. The Government shall obtain an Unlimited Rights License to all such technical data and computer software. If the contractor is involved in any future efforts with the Government, pursuant to the Government’s Unlimited Rights as provided for under this Contract, the contractor warrants that the Government shall not be charged again for the technical data and computer software developed under this contract when provided to, or expected to be used by, or for the use by any Government agency, organization, or Command including, but not limited to any modifications, including derivative works, and any integrated products created through a non-segregable interface to the technical data or computer software.

5.2 Applicable Documents

The contractor shall ensure requirements in this SOW are accomplished in accordance with the latest version of the following documentation if it does not impact cost and delivery schedules or if a conflict does not arise in implementation of the new procedures. If any of the preceding conditions occur, a written evaluation, along with specific backup data and estimated cost data for those changes which impact the contractor’s performance shall be provided in writing (e-mail) to the COR and Project Manager no later than five working days after receipt of an updated publication. The contractor shall not incorporate these publication changes unless approval is received from the Project Manager in writing (e-mail) via the COR.

In the event there are conflicts between two or more referenced documents, the contractor shall provide written evaluation (e-mail), along with specific backup data to the COR and Project Manager no later than three working days after knowledge of the conflict. Resolution of the conflict will be provided by the COR. The contractor shall immediately implement those publication changes that result in no change in contract price or delivery or have no conflicts. The contractor shall be aware that only those military, federal, and contractor specifications cited in Section II, down to and including the equipment and product specifications and their first-tier references shall be mandatory for use and that lower tier references are for guidance only and will not be contractually binding unless raised to the first-tier level.

5.2.1 Government Documents

Copies of DoD specifications and handbooks can be obtained on-line from the DoD Single Stock Point or from the Acquisition Streamlining and Standardization Information System (ASSIST) Web Site (<http://assist.daps.dla.mil/quicksearch/>).

5.2.1.1 Government Regulations

Copies of the following regulations are available at <https://ile-help.nCOR.navy.mil/ile/>

29 U.S.C. 794d	Section 508 of the Rehabilitation Act Title 29 – Labor, Chapter 16 – Vocational Rehabilitation and Other Rehabilitation Services, Section 794d – Electronic and Information Technology
SCORM 2004 v1.3	Sharable Content Object Reference Model (SCORM)

5.2.1.2 Data Item Descriptions (DID)

DI-MGMT-80004A	Management Plan
DI-CMAN-80858B	Contractor's Configuration Management Plan
DI-MGMT-80555A	Program Progress Report
DI-ADMN-81505	Report, Record of meetings/minutes
DI-SESS-81518B	Instructional Performance Requirements Document
DI-SESS-81520B	Instructional Media Design Package
DI-SESS-81523B	Training Conduct Support Document
DI-SESS-81525B	Test Package
DI-SESS-81526B	Instructional Media Package
DI-MGMT-81650	Integrated Master Schedule

5.2.1.3 Department of Defense (DoD) Specifications

MIL-PRF-29612B	Training Data Products
----------------	------------------------

5.2.1.4 DoD Handbooks

MIL-HDBK-29612/1A	Guidance for Acquisition of Training Data Products and Services (Part 1 of 5 Parts)
MIL-HDBK-29612/3A	Development of Interactive Multimedia Instruction (Part 3 of 5 Parts)
MIL-HDBK-29612/4A	Glossary (Part 4 of 5 Parts)
MIL-HDBK-29612/5	Advanced Distributed Learning (ADL) Products and Systems (Part 5 of 5 Parts)

5.2.1.5 DoD Instructions

DoD Instruction 1322.26	Development, Management, and Delivery of Distributed Learning
-------------------------	---

5.2.1.6 Department of the Navy (DON) Documents

NETCINST 1510.1 Change Transmittal 1	Navy Training Management
NAVEDTRA 131 Series	Personnel Performance Profile Based Curriculum Development Manual

The following Navy ILE documents are available at: <https://ile-help.nCOR.navy.mil/ile/>

MPT&ECIOSWIT-ILE-HDBK-1B Manpower, Personnel, Training, & Education, Chief Information Officer, Sea Warrior Information Technology – Integrated Learning Environment.	Navy Integrated Learning Environment (ILE) Content Developer's Handbook
MPT&ECIOSWIT-ILE-INTR-1B	Navy Integrated Learning Environment: An Introduction
MPT&ECIOSWIT-ILE-GUID-1B	Navy ILE Instructional Systems Design and Instructional Design Process Version 1.0
MPT&ECIOSWIT-ILE-GUID-2B	Navy ILE Guidance on Assessment Development
MPT&ECIOSWIT-ILE-GUID-3B	ILE Instructional Content Style Guide: Interactive Multimedia Instruction & Instructor-Led Training
MPT&ECIOSWIT-ILE-STD-1B	Navy ILE Presentation Standard
MPT&ECIOSWIT-ILE-SPEC-1B	Navy ILE Learning Objective Statements Specifications and Guidance, Version 1.0
MPT&ECIOSWIT-ILE-SPEC-3B	ILE Content Metadata Guide
MPT&ECIOSWIT-ILE-SPEC-4D	Navy ILE Technical Specifications and Guidelines
MPT&ECIOSWIT-ILE-GUID-4A	Navy ILE PC Modeling and Simulation Guidelines Volume 1: Overview
NETCINST 5510.1	NETC Instruction 5510.1 Information Protection Policy for Navy Integrated Learning Environment (ILE), Navy Knowledge Online SIPRNET (NCOR-S)
NMCI.10011.01.UA1.E	Core Build Contents Version 2.1, 1 Jun 2007

5.2.2 Definitions

See MIL-HDBK-29612/4A for a glossary of definitions.

5.3 Requirements

5.3.1 General Requirements

5.3.1.1 Integrated Master Plan (IMP)/ Integrated Master Schedule (IMS)

The contractor shall develop an Integrated Master Plan (IMP) (CDRL A060) and Integrated Master Schedule (IMS) (CDRL A061). The IMP shall provide a detailed description of how work will be accomplished, how the proposed approach is structured to minimize and control risk, and how the approach will verify that requirements are met. The contractor shall produce an event-based plan that measures program progress. The IMS shall detail the processes and timing to accomplish the work identified in the IMP. The contractor shall provide the preliminary IMP and IMS and produce a final during the Kick-Off Meeting. The IMP and IMS will be updated

weekly and posted on the Configuration Management website. The IMS shall be developed per (CDRL A061) DI-MGMT-81650, tailored to meet the requirements of the project.

5.3.1.2 Integrated Master Plan (IMP)

The Integrated Master Plan (CDRL A060) shall include, at a minimum, the following elements:

- a. Plan of Work – The contractor shall describe the management and technical processes, procedures, and methodologies for accomplishing the tasks in this SOW.
- b. Narratives – The contractor shall describe in detail:
 1. The total work effort.
 2. How the contractor will perform the work required for this SOW.
 3. The proposed key functional and managerial processes, how they relate to integrated work, and the effort required to accomplish them.
- c. Proposed Labor/Personnel Identification – The contractor shall identify labor categories, providing a matrix summarizing the personnel assigned and the projected labor hours required to perform each task. The contractor shall identify key labor categories critical to the project, identify personnel assigned to each key category (by name), and provide a summary of their qualifications.
- d. Configuration Management – The contractor shall describe in detail their Configuration Management Plan to include system requirements that meet classroom computer architecture specifications as defined in the NMCI Core Build
- e. Processes – The contractor shall describe the process proposed for the completion of each task..
- f. Quality Assurance Plan – The contractor shall describe in detail their Quality Assurance Plan.
- g. Risk Management Plan – The contractor shall provide a detailed Risk Management Plan detailing anticipated risks and mitigation strategies, as detailed in Paragraph 5.3.1.4 of this SOW.
- h. Materials – The contractor shall identify the materials required to accomplish each task in the IMP, and describe their proposed Technical Documentation inventory plan.

5.3.1.3 Integrated Master Schedule (IMS)

The IMS (CDRL A061) shall provide a schedule of tasks, events, and significant accomplishments with associated criteria described in the IMP (CDRL A060), and shall be used as the primary status-tracking tool.

5.3.1.4 Risk Management Plan

The risk management plan shall be submitted with the IMP and the IMS during the Kick-Off meeting. The plan shall identify processes the contractor shall use to collect and analyze metrics that quantitatively measure the development of risk in key areas and to identify potential problem areas in the project. The risk management plan shall include potential scheduling interferences, technical difficulties, equipment limitations, and potential delays caused by outside agencies working on concurrent efforts that impact deliverables of this project. The risk management plan must also address methods of communication to resolve immediate issues that may impact the project. The risk management plan must be reviewed at each Interim Program Review (IPR) and adjustments made to mitigate project period of performance delays and the need for increased project funding.

5.3.1.5 Program Progress and Status Monitoring

The contractor shall prepare monthly progress reports (CDRL A003). The IMP, IMS, IPR meetings, and Monthly Progress Reports and Weekly Contact Reports via phone or email, will be the primary means of monitoring contractor performance. Included as part of the Monthly Progress Report, the contractor shall monitor and report contract costs expended (as a dollar amount or percentage), completed project status broke down by lesson plan, Instructor Guide (IG), Trainee Guide (TG), and testing plan (by percentage) and any other pertinent project information. A MS Project file is a recommended and acceptable method to demonstrate project status, but is not required. Weekly contact ensures prompt communication to discuss any issues and to answer questions regarding

project development efforts. The Monthly Progress Reports shall be distributed to the COR and Project Manager. Weekly Contact Reports shall include the contractor, COR, and Project Manager, at a minimum.

5.3.1.6 Configuration Management Website

At the Kick-off Meeting, the contractor shall provide a Configuration Management Plan (CDRL A006) that establishes and implements an online Configuration Management Website throughout the duration of the contract. The Configuration Management Website shall provide data storage and management of unclassified project materials (e.g., IMP, IMS, Instructional Media Design Package, Test Package, Storyboards, Assets, Prototype Lesson, and Instructional Media Package) collected during the design, development, and evaluation of all project related products during the contracted period of performance. This online site shall provide access to unclassified information to the Program Manager, COR, Technical POC, and other team members concerning the status of the contractual effort. This shall include posting and keeping current the program IMP and IMS. The online Configuration Management Website shall provide a daily report of the status of each required product, for each lesson. Unclassified project materials shall be maintained on any unclassified network accessible from a Navy Marine Corps Intranet (NMCI) computer. Both network repositories shall be password protected.

The Project Manager and his designees shall have access to these websites. The detailed design for the Configuration Management Website and tracking tools will be determined at the contract Kick-Off Meeting.

5.3.1.7 Training Project Plan (TPP)

The contractor shall develop the TPP for the course. Proposed deviations from the TPP shall be submitted to the Project Manager, AN/SPS-73(V)12 technical ISEA TSA, and CSCS for approval. NAVEDTRA 131 series provides format and content guidance for the TPP development effort (CDRL A062).

5.3.1.8 Reusable Content

The contractor shall use assets from existing materials to the maximum extent possible if they support learning requirements as defined by the Navy Learning Objectives Statement (NLOS). The following repositories, as a minimum, shall be searched for reusable assets in addition to those provided as Government Furnished Information:

- a. ADL-Registry, <https://adlregistry.dtic.mil>
- b. Authoring Instructional Materials (AIM) I V3.3
- c. Defense Automated Visual Information System/Defense Instructional Technology Information, <http://dodimagery.afis.osd.mil/davis>
- d. Submarine Onboard Training (SOBT)

5.3.1.9 Navy Learning Objective Statements (NLOS)

The contractor shall review all NLOS, consisting of Terminal Objective Statements (TOS) and Enabling Objective Statements (EOS), for the course to ensure adequacy and compliance with MPT&ECIOSWIT-ILE-SPEC-1A (Manpower, Personnel, Training, & Education, Chief Information Officer, Sea Warrior Information Technology, Integrated Learning Environment.). Proposed changes shall be adjudicated at the NLOS conference, with all parties providing final approval that include the Project Manager, AN/SPS-73(V)12 technical TSA and CSCS.

5.3.1.10 Assessment Strategy

The contractor shall review the existing Assessment Strategy (GFI) and develop a Level IV IMI Assessment Strategy (CDRL A063) addressing all NLOS. The contractor shall ensure the Level IV IMI Assessment

Strategy is aligned with the AIM I ILT developed Assessment Strategy. Proposed changes shall be submitted to the Project Manager for approval.

5.3.1.11 NLOS Sequence

The contractor shall sequence NLOS in an instructionally logical order for delivery. The proposed sequence shall be reviewed and modifications to the sequence shall be adjudicated at the NLOS conference. The contractor shall enter the approved sequence into the Curriculum Outline of Instruction (COI). Proposed changes shall be submitted to the Project Manager, AN/SPS-73(V)12, and CSCS for approval.

5.3.1.12 Personnel Performance Profile Tables (PPP Tables)

The contractor shall develop PPP Tables in an AIM I software environment in which the format and content requirements shall be per DI-SESS-81518B (CDRL A064), tailored to meet project requirements. NAVEDTRA 131 series provides format and content guidance for the PPP Tables development effort

5.3.1.13 Training Path System (TPS)

The contractor shall develop a TPS in an AIM I software environment in which the format and content requirements shall be per DI-SESS-81518B (CDRL A065), tailored to meet project requirements. NAVEDTRA 131 series provides format and content guidance for the TPS development effort.

5.3.1.14 Training Course Control Document (TCCD)

The contractor shall develop a TCCD in an AIM I software environment consisting of the Curriculum Outline of Instruction (COI), Course Master Schedule (CMS), Resource Requirements List (RRL), and Fault Applicability List (FAL) in which the format and content requirements shall be per DI-SESS-81523B (CDRL A066), tailored to meet project requirements. The Curriculum Control Authority (CCA) will approve the TCCD prior to its implementation. NAVEDTRA 131 series provides format and content guidance for the TCCD development effort.

5.3.1.15 Lesson Plan (LP)/ Instructor Guide (IG)

The contractor shall develop Lesson Plans (LP)/Instructor Guides (IG) in AIM I software environment, that are populated with the instructional content and technical data required for discussion points for ILT, and provide facilitation related activities for IMI. The contractor shall develop the LPs/IGs per MPT&ECIOSWIT-ILE-GUID-3B and DI-SESS-81523B (CDRL A067), tailored to meet project requirements. The LP/IG will be submitted to the Project Manager for approval. NAVEDTRA 131 series provides format and content guidance for the LP/IG development effort. The contractor shall provide facilitation related activities for the Level IV IMI developed. The contractor shall develop the content according to MPT&ECIOSWIT-ILE-GUID-3B, and submit them to the Project Manager, AN/SPS-73(V)12 technical ISEA TSA, and CSCS for approval.

5.3.1.16 Trainee Guide (TG)

The contractor shall develop the TG in an AIM I software environment per MPT&ECIOSWIT-ILE-GUID-3B and DI-SESS-81523B (CDRL A068), tailored to meet project requirements. The TG must be submitted to the Project Manager, AN/SPS-73(V)12 technical ISEA TSA, and CSC DET East for approval. NAVEDTRA 131 series provides format and content guidance for the LP/IG development effort.

5.3.1.17 Exercise Job Sheets

The contractor shall develop the Exercise Controller Guides (ECG) and submit them to the Project Manager for approval. The contractor shall enter ECGs in an AIM I software environment unless they are

incompatible with AIM I (e.g. contain graphics). ECGs shall be developed per MPT&ECIOSWIT-ILE-GUID-3B and DI-SESS-81523B (CDRL A068), tailored to meet project requirements. AIM I incompatible ECGs shall be submitted separately. NAVEDTRA 131 series provides format and content guidance for the ECG development effort. For each exercise in the Level IV IMI simulation, the contractor shall develop an accompanying Job Sheet in Microsoft Word for the Trainee Guide and submit it to the Project Manager, AN/SPS-73(V)12 technical ISEA TSA, and CSCS for approval.

5.3.1.18 Laboratory Exercise Job Sheets

For each laboratory exercise, the contractor shall develop an accompanying Job Sheet in the Trainee Guide in an AIM I software environment per MPT&ECIOSWIT-ILE-GUID-3B and DI-SESS-81523B (CDRL A068), tailored to meet project requirements. Laboratory Exercise Job Sheets must be submitted to the Project Manager, AN/SPS-73(V)12 technical ISEA and CSCS for approval.

5.3.1.19 Tests

The contractor shall develop student Tests requirements in an AIM I software environment per MPT&ECIOSWIT-ILE-GUID-3B and DI-SESS-81525B (CDRL A069), tailored to meet project requirements. The Tests must be submitted to the Project Manager, AN/SPS-73-(V)12 technical ISEA TSA, and CSCS for approval. NAVEDTRA 131 series provides format and content guidance for student Tests development effort.

5.3.1.20 Remediation and Feedback (Final Test Package)

The contractor shall ensure that the final test package must allow for remediation and feedback based on the lesson design strategy and student testing requirements. Format and content for the remediation and feedback reporting shall be developed in an AIM I software environment that complies to MPT&ECIOSWIT-ILE-GUID-3B and DI-SESS-81520B (CDRL A070), tailored to meet project requirements. NAVEDTRA 131 series provides format and content guidance for remediation and feedback requirements that must be comprised in the final test package.

5.3.1.21 Security

The contractor shall adhere to all local security procedures required by PEO-IWS2L2, as well as the security procedures dictated in DD Form 254 DOD Security Classification Specification, when on Government property.

5.3.1.22 Portion Marks

The contractor shall ensure all Level IV IMI content is appropriately marked with the correct classification and portion marked per SECNAVINST 5510.36 and NETCINST 5510.1.

5.3.1.23 Course Plan

Based on a Front-End Analysis (FEA) performed by Naval Surface Warfare Center Port Hueneme Division Detachment VA Beach (Dam Neck), the AN/SPS-73(V)12 Radar Tech Refresh Kit maintenance training is projected to include the following areas of instruction:

- a. State the differences between legacy OJ-727(V) console and the Tech Refresh Kit modified OJ-727(V) console.
- b. Describe the basic functional operation of the Tech Refresh Kit modified OJ-727(V) console.
- c. State that the Tech Refresh Kit modified OJ-727(V) console consists of the following. Include the function of each:

1. Compact PCI Cardbox (3A2)
2. Power Supply
3. Host Processor Module

4. PMC Module (RSC/RDE)
5. NSIU (equivalent)
6. Radar Interface Card (RIC)
7. Main Wire Harness
8. JAVA™ OP Software/IBNS interface

d. Describe the organization, content, and use of all technical documentation provided for use with the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to support preventive and basic corrective maintenance.

e. Define the abbreviations, terms and symbols used with the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to support preventive and basic corrective maintenance.

f. State the operational characteristics and capabilities of the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to support preventive and basic corrective maintenance.

g. Describe all major and associated components of the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to support preventive and basic corrective maintenance.

h. Include name, physical appearance, reference designators, location and construction features of the following:

1. Compact PCI Cardbox (3A2)
2. Power Supply
3. Host Processor Module
4. PMC Module (RSC/RDE)
5. NSIU (equivalent)
6. Radar Interface Card (RIC)
7. Main Wire Harness
8. JAVA™ OP Software/IBNS interface

i. Describe the displays, controls, and indicators directly associated with the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to support preventive and basic corrective maintenance. Include name, reference designators, positions, colors and locations.

j. State the security requirements of the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to support normal operation.

k. Describe the functional operation of the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to support preventive and basic corrective maintenance including: Power Distribution, Data Communication, Video Signal Processing, Bearing Processing, Antenna & Mast Control, Transmitter Circuits, Receiver Circuits, Radar Video Processing, and Display Functions.

l. Describe all interfaces between units within the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP and related external equipment to support preventive and basic corrective maintenance.

m. Describe personnel and equipment safety precautions which are to be observed during operation of the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to support normal operation.

n. Describe the operational procedures of the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP Radar Set to support normal operation.

o. Perform the following on the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP in accordance with normal operating procedures: Start-up Procedures, Shutdown Procedures, and Operational Procedures.

p. Recognize and interpret all indications occurring during start-up and normal operation of the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP.

q. Define the corrective maintenance policy for the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to include the following:

1. Corrective Maintenance
2. Repair Levels
3. Fault Isolation
4. Post-Repair Procedures

- r. Describe the use of special tools and test equipment required for maintenance of the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP as prescribed in applicable documentation to support preventive and basic corrective maintenance.
- s. Describe the alignment, adjustment, and calibration procedures for the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to support preventive and basic corrective maintenance.
- t. Describe the operational tests of the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to support preventive and basic corrective maintenance.
- u. Describe the recognition and interpretation of all malfunction indications of the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to support preventive and basic corrective maintenance.
- v. Describe the systematic fault isolation procedures contained in prescribed documentation for the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to support preventive and basic corrective maintenance.
- w. Describe procedures to disassemble, repair, and reassemble the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to the authorized maintenance level, to support preventive and basic corrective maintenance.
- x. Describe post-repair procedures for the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to support preventive and basic corrective maintenance.
- y. Describe the personnel and equipment safety precautions which are to be observed when performing preventive and basic corrective maintenance on the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP.
- z. Perform operational tests and diagnostic programs on the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP.
 - aa. Recognize and interpret all malfunction indications for the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP.
 - ab. Use special tools and test equipment required for maintenance of the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP, in accordance with documented maintenance procedures.
 - ac. Perform alignment, adjustment, and calibration procedures on the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP in accordance with documented maintenance procedures.
 - ad. Perform operational and diagnostic tests on the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP in accordance with documented maintenance procedures.
 - ae. Recognize and interpret the malfunction indications for the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP in accordance with documented maintenance procedures.
 - af. Perform systematic fault isolation procedures contained in prescribed maintenance documentation for the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP.
 - ag. Disassemble, repair, and reassemble the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP to the authorized maintenance level in accordance with documented maintenance procedures.
 - ah. Perform post repair procedures on the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP, including quality control procedures, in accordance with documented maintenance procedures.
 - ai. Adhere to all personnel and equipment safety precautions when performing maintenance on the AN/SPS-73(V)12 Radar Set Tech Refresh Kit SAOP in accordance with documented maintenance procedures.

Table 3.1: Faults to be Simulated in Level IV Troubleshooting/Corrective Maintenance IMI/Simulation

Fault List
Note: Listed below are the current fault isolations procedures that are presently utilized for the AN/SPS-73(V)12 Radar Set.
Trouble Shooting:
SAOP Fault Symptoms Index
X-Band Antenna Motor Failure Failed Interface Card Failed RDE Card (VME Interface Error) Failed RCC Card (Bearing Pulse short to ground) Failed RCC Card (Heading Flash short to ground) Failed RSC Card (Video open circuit) Failed RSC Card (Primary Channel ARP loss) Failed RSC Card (Short circuit address lines in sensor memory) Failed RSC Card (Short circuit address lines in frame buffer) Failed RSC Card (VME interface failure) Failed Graphics Processor (VME interface failure) Failed CPU Card (Boot failure) Failed CPU Card (Serial I/O failure) PCMCIA, Hard/Flash Disk failure Non MDEMO Fault- Blown Fuse F1 +12 vdc Non MDEMO Fault - Blown Fuse F2 +115 vac Non MDEMO Fault - Blown Fuse 12 vdc Non MDEMO Fault - Blown Fuse -115 vdc Non MDEMO Fault - Blown Fuse TXHV Non MDEMO Fault - Swap RCC to Interface Cables (A2 J7 A and B) Failed Reed Switch Non MDEMO fault - Open Tune Indicator (X-band) Failed VME Power Supply Failed Din Rail Mounted High Voltage Relay Open TU20 Fuse (No NMEA) Remove Motor Switch Jumper Fault #27 Faulty Hub

The preceding areas of instruction are not all-encompassing and may be subject to change as per the Project Manager.

5.3.1.24 Instructor Led Training (ILT) Specific Requirements

The contractor shall review and evaluate existing ILT to ensure compatability with developed maintenance simulations to support the NLOS. The contractor shall develop all training products per MIL-PRF-29612, MPT&ECIOSWIT-ILE-STDs, MPT&ECIOSWIT-ILE-GUIDs and MPT&ECIOSWIT-ILE-SPECs.

5.3.2 Interactive Media Instruction (IMI) Specific Requirements

The contractor shall develop an estimated eight hours of IMI content that is interfaced with an AN/SPS-73(V)12 RADAR simulator. The content developed shall be located on individual student stations and work in a Local Area Network (LAN) environment in an electronic classroom.

5.3.2.1 Instructional Media Design Package (IMDP)

The contractor shall provide an IMDP, meeting the requirements of MPT&ECIOSWIT-ILE-GUID3B. The Project Manager, AN/SPS-73(V)12 TSA, and CSCS shall approve the IMDP prior to its implementation. The IMDP shall be per DI-SESS-81520B, tailored to meet the requirements of the project.

5.3.2.2 Course Strategy

The contractor shall review the course strategy describing the sequence, flow, and instructional strategies to employ and submit recommended changes to the Project Manger.

5.3.2.3 Lesson Strategy

The contractor shall develop lesson strategies describing the sequence, flow, and instructional strategies to employ.

5.3.2.4 Screen Interface Design

The contractor shall submit screen shots of proposed interface themes branded as directed by the Project Manager. The screen interface design shall adhere to the specifications of MPT&ECIOSWIT-ILE-GUID and MPT&ECIOSWIT-ILE-STD as applicable.

5.3.2.5 Test Package

The contractor shall provide a Test Package per MPT&ECIOSWIT-ILE-GUID-2B and MPT&ECIOSWIT-ILE-GUID-3B. Existing test banks (GFI) will be provided to the contractor for possible inclusion in the course. The contractor shall develop new test questions as required to meet the NLOS. The contractor shall produce assessment and embedded questions (progress checks) (CDRL A063). Assessment questions shall be provided in the Test Package and storyboards. The Project Manager, AN/SPS-73(V)12 TSA, and CSCS shall approve the Test Package prior to its implementation. The Test Package shall be developed per DI-SESS-81525B, tailored to meet the requirements of the project.

The contractor shall review the Test Package per MPT&ECIOSWIT-ILE-GUID and MPT&ECIOSWIT-ILE-GUID. Existing test banks (GFI) shall be provided to the contractor to ensure consistency with the exercises to be developed in the Level IV IMI simulation. For each exercise activity, the contractor shall develop a skill-based assessment measuring the time it takes to complete the scenario and how accurately it has been performed.

The Project Manager, AN/SPS-73(V)12 technical ISEA and TSA, and CSCS shall approve the exercise assessment strategy prior to its implementation. Based on the activities in each exercise, a rubric will be constructed for the instructors to assess the students upon completion of the scenarios. This information shall be collected and made available to the Instructor for grading purposes.

5.3.2.6 Post-Assessment

There are no post assessment requirements for this SOW.

5.3.2.7 Embedded Questions

The contractor shall embed questions in the IMI (CDRL A063) to provide real-time feedback on learner retention of the material covered. For each Enabling Learning Object (ELO), embedded questions shall occur at

least every ten screens. Embedded questions shall occur with each troubleshooting/maintenance or Preventive Maintenance Schedule scenario where applicable.

5.3.2.8 Feedback

Per the Lesson Strategy in the approved IMDP, the contractor shall build embedded questions (CDRL A063) such that they provide feedback to the learner for each response, confirming correct responses and providing detailed feedback to correct misconceptions.

5.3.2.9 Remediation

Per the Lesson Strategy in the approved IMDP, the contractor shall develop remediation strategies for embedded questions when applicable (CDRL A063).

5.3.2.10 Storyboards

The contractor shall develop storyboards that contain detailed instructions for each screen, asset descriptions, associated assessment items, programming instructions, source materials, and references (CDRL A071). Upon contract completion, storyboards must contain all asset file names and metadata tags. The Project Manager, AN/SPS-73(V)12 technical ISEA and TSA and CSCS shall approve each storyboard prior to its authoring.

5.3.2.11 Assets

The contractor shall develop assets to support learning requirements defined by the NLOS. Assets include illustrations, graphics, animations, photographs, video, audio, and text. Audio shall be used only to support required job procedures, the job environment (noise, sounds and warnings), and spoken commands if required for the performance of a task. Audio shall be used to narrate instruction, and can be used to emphasize a teaching point if the instructional requirements dictate. When used, spoken communications shall be per COMNAVSUBFORINST 2305.1.

Asset source files shall contain all logic, transportability, maintainability, portability, and instructional media generation programs and files, and developmental source materials. The Project Manager will approve the use of each asset prior to inclusion in the Instructional Media Package.

5.3.2.12 Prototype Maintenance Task

The contractor shall deliver a prototype of the Level IV simulator and associated IMI course material (CDRL A071) to the Project Manager to test in the electronic classroom. The prototype should use all plug-in (e.g., flash, .mov, .avi etc...) and assessment types planned for use in the finished product. The authoring software used to develop the sample shall be the same as that planned for use during full production. The Project Manager, AN/SPS-73(V)12 technical ISEA and TSA and CSCS will approve the

prototype pending the resolution of required changes. The contractor shall make the identified changes agreed upon by all cognizant parties prior to start of authoring.

5.3.2.13 Instructional Media Package

The contractor shall develop the Instructional Media Package (courseware data files) based on the storyboards. The Project Manager shall approve each lesson contained within the Instructional Media Package. The contractor shall develop the Instructional Media Package per DI-SESS-81526B (CDRL A071), tailored to meet the requirements of the project.

5.3.2.14 Sharable Content Objective Model

The content developed if required, shall comply with SCORM 2004 v1.3.

5.3.2.15 Metadata

The contractor shall conduct metadata tagging per the ILE metadata requirements as specified in MPT&ECIOSWIT-ILE-SPEC-3B (CDRL A072).

5.3.2.16 Screen Resolution

The content developed for level IV IMI shall be designed for a screen resolution of 1000 x 720 per MPT&ECIOSWIT-ILE-STD-1B.

5.3.2.17 Content Integrity

The contractor shall ensure the content developed is at a minimum, free of the following:

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

5.3.3 Meetings

The contractor shall participate in conferences, meetings, and reviews to be held at either contractor or Government facilities. When meetings are conducted at the contractor's site, the contractor shall make facilities available for Government only meetings.

All requests for face-to-face meetings require Project Manager approval. Following approval of such a request, meeting details shall be coordinated by the Project Manager, contractor, and COR. Requests for changes to scheduled meetings shall be submitted via e-mail and approved by the Project Manager. The contractor shall propose a draft meeting agenda and record minutes (CDRL A005) for each meeting. The Project Manager shall approve meeting materials.

5.3.3.1 Kick-Off Meeting

The contractor shall participate in a Kick-Off Meeting at Naval Surface Warfare Center (NSWC) Port Hueneme Division (PHD) Detachment (DET) VA Beach (Dam Neck). This meeting shall be held no later than forty five working days following contract award, and shall be no longer than three days in duration at a date and time mutually agreeable to by the Project Manager, COR, AN/SPS-73(V)12 Technical ISEA and TSA, and contractor. Meeting minutes shall be provided (CDRL A005).

At the Kick-Off Meeting, the contractor shall present their proposed IMP, IMS, and Configuration Management Plan, and discuss their proposed content development approach in detail with the project team. This also affords the contractor a face-to-face venue to answer outstanding questions.

5.3.3.2 Navy Learning Objective Statement Conference

The contractor shall participate in an NLOS Conference at NSWC PHD DET VA Beach following the Kick-Off Meeting at a date and time mutually agreeable to by NSWC PHD DET VA Beach (Dam Neck), CSC DET East, COR, and contractor. The purpose of this conference is to finalize the NLOS. The NLOS Conference shall be

considered complete upon Project Manager, NSWC PHD DET VA Beach (Dam Neck), and CSCS approval. Meeting minutes shall be provided (CDRL A005).

5.3.3.3 In-Process Reviews (IPR)

The contractor shall participate in six IPRs during the period of performance covered by this SOW. The IPRs shall be conducted at NSWC PHD DET VA Beach (Dam Neck) or CSCS, at dates and times mutually agreeable to the NSWC PHD DET VA Beach (Dam Neck), CSCS, COR, and contractor. The purpose of these reviews is to discuss the detailed project, financial status, and address outstanding issues. Meeting minutes shall be provided (CDRL A005).

5.3.3.4 Project Planning/Status

The contractor shall participate in weekly planning meetings with the Project Manager and designees. These meetings shall be scheduled at dates and times mutually agreeable to PEO IWS2L2, AN/SPS-73(V)12 technical ISEA and TSA, CSCS, and contractor, and shall address both project and financial status. Teleconference participation is acceptable. Meeting minutes will be provided (CDRL A005).

The contractor shall be available for weekly status briefs (day and time shall be agreed upon at the Kick-Off Meeting), the purpose is to inform the chain of command of project status. These briefs are presented by the Project Manager, though questions may be directed to the contractor. Teleconference participation is acceptable.

5.3.4 Government Content Acceptance Testing (GCAT)

Where applicable to the content developed in the Level IV IMI simulation, the contractor shall conduct the GCAT per MPT&ECIOSWIT-ILE-SPEC, Paragraph 19.7. The contractor shall conduct GCAT using the Government provided testing checklist. The GCAT shall be conducted in an AEC Level 1 environment. The contractor shall correct any discrepancies found during GCAT. Final Quality Assurance shall take place upon acceptance and testing. Final Testing shall ensure that all branches, jumps, loops, links, buttons, functions, and interactive features are working as designed. The date, time, and duration of GCAT shall be per the Government approved Integrated Master Plan and Integrated Master Schedule.

5.3.4.1 Final Inspection

The contractor shall make the necessary resources and personnel available to support the Final Inspection. The Final Inspection ensures that all simulations, IMI Learning Content, and AIM content plays in the classroom environment. The Final Inspection shall be conducted in coordination with the CSCS. Deficiencies found during this final inspection shall be corrected by the contractor and verified by the Government prior to further acceptance of products by the Government. The Government reserves the right to perform such additional tests as deemed necessary to ensure compliance with the specified requirements. The date, time, and duration for the final inspection shall be per the Government approved Integrated Master Plan and Integrated Master Schedule.

5.4 Delivery and Course Pilot

The contractor's project plan shall allow 90 days for CSCS to conduct a pilot and 15 days for the contractor to make post-pilot corrections during the period of performance.

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Integrated Master Schedule		3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81650			5. CONTRACT REFERENCE SOW Para. 3.3		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED D	10. FREQUENCY MONTHLY	12. DATE OF FIRST SUBMISSION 30DAC	14. DISTRIBUTION			
8. APP CODE N		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION MONTHLY	a. ADDRESSEE See Blk 16		b. COPIES	
						Draft	Final
						Reg	Repro
16. REMARKS: BLOCK 9 – Distribution Statement D applies (use existing distribution statement on documents to be revised). BLOCKS 10/12/13 – Due 30 days after contract award. BLOCK 14 – Data shall include contract and CDRL numbers. Data submission via email is preferred. See Distribution List D							
G. PREPARED BY David Osmundsen			H. DATE 8 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 8 Sep 09

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT A	C. CATEGORY: TDP TM OTHER X				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A002	2. TITLE OF DATA ITEM Program Management Plan				3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-80004A		5. CONTRACT REFERENCE SOW Para. 3.3.1			6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION		
8. APP CODE N		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16		a. ADDRESSEE See Blk 16		b. COPIES
					Draft	Final	
						Reg	Repro
16. REMARKS:							
<p>BLOCK 2 – Cover sheet shall include contract and CDRL number.</p> <p>BLOCKS 10/12/13 – Initially, prior to commencement of production, and as changes occur during production.</p> <p>BLOCK 14 – See Distribution List A</p>						3	
G. PREPARED BY David Osmundsen		H. DATE 8 Sep 09	I. APPROVED BY Kathleen Turner			J. DATE 8 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>					Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>						
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT A	C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR	
1. DATA ITEM NO. A003	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. 3.3.2 & 5.3.1.5		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY MNTHLY	12. DATE OF FIRST SUBMISSION 30 DAC	14. DISTRIBUTION		
8. APP CODE N		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION EOM	a. ADDRESSEE See Blk 16		b. COPIES
					Draft	Final
					Reg	Repro
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 14 – See Distribution List A				15.		3
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.						
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT A	C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR	
1. DATA ITEM NO. A004	2. TITLE OF DATA ITEM Conference Agenda			3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81249A		5. CONTRACT REFERENCE SOW Para. 3.3.3, 4.3.3.1		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY QTRLY	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION		
8. APP CODE N	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE See Blk 16	b. COPIES		
				Draft	Final	
				Reg	Repro	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCKS 10/12/13 – 1 week prior to Quarterly Program Review BLOCK 14 – See Distribution List A				15. TOTAL		3
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A005	2. TITLE OF DATA ITEM Conference Minutes				3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81250A			5. CONTRACT REFERENCE See BLK 16		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY QTRLY	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION		
8. APP CODE N		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16		a. ADDRESSEE See Blk 16		b. COPIES
16. REMARKS: <u>BLOCK 2</u> – Cover sheet shall include contract and CDRL number. <u>BLOCK 5</u> – SOW Para. 3.3.3, 3.10.3, 4.3.3.1, 5.3.3, 5.3.3.1, 5.3.3.2, 5.3.3.3, and 5.3.3.4. <u>BLOCK 9</u> – Distribution Statement C applies (use existing distribution statement on documents to be revised). <u>BLOCKS 10/12/13</u> – 1 week after a Quarterly Program Review <u>BLOCK 14</u> – See Distribution List A					Draft	Final	
					Reg	Repro	
					15. TOTAL		3
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>					Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>						
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT A	C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR	
1. DATA ITEM NO. A006	2. TITLE OF DATA ITEM Contractors Configuration Management Plan			3. SUBTITLE Configuration Management Plan		
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80858B		5. CONTRACT REFERENCE SOW Para. 3.5, 5.3.1.6		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION 60 DAC	14. DISTRIBUTION		
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION DARC	a. ADDRESSEE See Blk 16		b. COPIES
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 - Data will be reviewed for accuracy, completeness and legibility to ensure it is fully adequate for it's intended use. Approval will be based upon technical content and contractor compliance with applicable contract requirements. Government will provide response within 15 work days. If rejected, contractor shall provide resubmittal within 15 work days after Government response. BLOCK 9 – Distribution Statement C applies (use existing distribution statement on documents to be revised). BLOCKS 10/12/13 – 1 week after a Quarterly Program Review BLOCK 14 – See Distribution List A					Draft	Final
					Reg	Repro
				15. TOTAL		3
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188		
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.								
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO. A007	2. TITLE OF DATA ITEM Configuration Status Accounting Information				3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-81253A		5. CONTRACT REFERENCE SOW Para. 3.5.1			6. REQUIRING OFFICE NSWC CRANE CXLL			
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY QTRLY	12. DATE OF FIRST SUBMISSION 120 DAC		14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION DARP		a. ADDRESSEE See Blk 16		b. COPIES	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 - Contractor format is acceptable, MIL-HDBK-61A BLOCK 9 – Distribution Statement C applies (use existing distribution statement on documents to be revised). BLOCK 14 – See Distribution List A					15. TOTAL	Draft	Final	
							Reg	Repro
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>					Form Approved OMB No. 0704-0188			
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>								
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT A	C. CATEGORY: TDP TM OTHER X					
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO. A008	2. TITLE OF DATA ITEM Engineering Change Proposal (ECP)			3. SUBTITLE Class I and II ECPs				
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80639C / SEE BLOCK 16			5. CONTRACT REFERENCE SOW Para. 3.5.2		6. REQUIRING OFFICE NSWC CRANE CXLL			
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		a. ADDRESSEE See Blk 16	b. COPIES		
					Draft	Final		
					Reg	Repro		
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number BLOCK 4 - Supporting data, i.e. drawings, sketches, photographs, calculations, financial analysis or other attachments that will clarify or justify the ECP shall be included. BLOCK 8 – Data will be reviewed for accuracy, completeness and legibility to ensure that it is fully adequate for its intended use. Approval will be based upon technical content and contractor compliance with applicable contract requirements. Government will provide response within 60 work days. If reject, contractor shall provide resubmittal within 30 work days. BLOCK 9 – Distribution Statement C applies (use existing distribution statement on documents to be revised). BLOCK 14 – See Distribution List A					15. TOTAL		3	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188		
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.								
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/> X				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO. N00164-09-D-GR44		F. CONTRACTOR Raytheon Company			
1. DATA ITEM NO. A009	2. TITLE OF DATA ITEM Request for Deviation (RFD)				3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640C / SEE BLOCK 16			5. CONTRACT REFERENCE SOW Para. 3.5.2		6. REQUIRING OFFICE NSWC CRANE CXLL			
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		a. ADDRESSEE See Blk 16		b. COPIES	
					Draft	Final		
					Reg	Repro		
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 - Supporting data, i.e. drawings, sketches, photographs, calculations, financial analysis or other attachments that will clarify or justify the ECP shall be included. BLOCK 8 – Data will be reviewed for accuracy, completeness and legibility to ensure that it is fully adequate for its intended use. Approval will be based upon technical content and contractor compliance with applicable contract requirements. Government will provide response within 60 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 – Distribution Statement C applies (use existing distribution statement on documents to be revised). BLOCK 14 – See Distribution List A					15. TOTAL		3	
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO. N00164-09-D-GR44		F. CONTRACTOR Raytheon Company		
1. DATA ITEM NO. A010	2. TITLE OF DATA ITEM Specification Change Notice (SCN)				3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80643C / SEE BLOCK 16			5. CONTRACT REFERENCE SOW Para. 3.5.2		6. REQUIRING OFFICE NSWC CRANE GXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION		
8. APP CODE	C	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		a. ADDRESSEE See Blk 16		b. COPIES
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 - Supporting data, i.e. drawings, sketches, photographs, calculations, financial analysis or other attachments that will clarify or justify the SCN / ECP shall be included. BLOCK 8 – Data will be reviewed for accuracy, completeness and legibility to ensure that it is fully adequate for its intended use. Approval will be based upon technical content and contractor compliance with applicable contract requirements. Government will provide response within 60 work days. If reject, contractor shall provide resubmittal within 30 work days. BLOCK 9 – Distribution Statement C applies (use existing distribution statement on documents to be revised). BLOCK 14 – See Distribution List A					15. TOTAL	Draft	Final
						Reg	Repro
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A011	2. TITLE OF DATA ITEM Test Procedures				3. SUBTITLE Production Acceptance Test Procedure		
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80603A			5. CONTRACT REFERENCE SOW Para. 3.6		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION 90 DAC	14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION 30 DARC	a. ADDRESSEE See Blk 16		b. COPIES	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCKS 8 – Data will be reviewed for accuracy, completeness and legibility to ensure that it is fully adequate for its intended use. Approval will be based upon technical content and contractor compliance with applicable contract requirements. Government will provide response within 30 work days. If reject, contractor shall provide resubmittal within 30 work days. BLOCK 14 – See Distribution List A				15. TOTAL		Draft	Final
						Reg	Repro
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A012	2. TITLE OF DATA ITEM Test / Inspection Report				3. SUBTITLE Production Acceptance Test Report		
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80809B			5. CONTRACT REFERENCE SOW Para. 3.6		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	a. ADDRESSEE See Blk 16		b. COPIES	
					Draft	Final	
					Reg	Repro	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCKS 12 & 13 – Concurrent with delivery of each end item. BLOCK 14 – See Distribution List A				15. TOTAL		3	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT F		C. CATEGORY: TDP <input checked="" type="checkbox"/> TM OTHER			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A013		2. TITLE OF DATA ITEM Software Development Plan (SDP)			3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81427A			5. CONTRACT REFERENCE SOW PARA. 3.7		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION 120 DAC	14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION 30 DARC	a. ADDRESSEE See Blk 16		b. COPIES	
					Draft	Final	
						Reg	Repro
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 14 – See Distribution List A				15. TOTAL		3	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A014	2. TITLE OF DATA ITEM Problem Trouble Report (PTR) Database				3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81437A			5. CONTRACT REFERENCE SOW Para. 3.7		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION 30DAC	14. DISTRIBUTION			
8. APP CODE N		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION ASREQ	a. ADDRESSEE See Blk 16		b. COPIES	
					Draft	Final	
						Reg	Repro
16. REMARKS: BLOCK 9 – Distribution Statement D applies (use existing distribution statement on documents to be revised). BLOCKS 10/12/13 – Due 30 days after contract award. BLOCK 14 – Data shall include contract and CDRL numbers. Data submission via email is preferred. See Distribution List D						3	
G. PREPARED BY David Osmundsen			H. DATE 8 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 8 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT F		C. CATEGORY: TDP <input checked="" type="checkbox"/> TM OTHER			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A015	2. TITLE OF DATA ITEM Software Test Plan (STP)			3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81438A		5. CONTRACT REFERENCE SOW Para. 3.7.1		6. REQUIRING OFFICE NSWC CRANE CXLL			
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION 120 DAC	14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	a. ADDRESSEE See Blk 16		b. COPIES	
					Draft	Final	
						Reg	Repro
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 – Government will provide response within 30 work days. If reject, contractor shall provide resubmittal within 30 work days. BLOCK 13 – 45 DARC and thereafter 120 days. BLOCK 14 – See Distribution List A				15. TOTAL		3	
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT F		C. CATEGORY: TDP <input checked="" type="checkbox"/> TM OTHER			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A016	2. TITLE OF DATA ITEM Software Test Description (STD)			3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81439A			5. CONTRACT REFERENCE SOW Para. 3.7.1		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION 450 DAC	14. DISTRIBUTION			
8. APP CODE	C	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION 45 DARC	a. ADDRESSEE See Blk 16		b. COPIES	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 – Government will provide response within 30 work days. If reject, contractor shall provide resubmittal within 30 work days. BLOCK 14 – See Distribution List A				15. TOTAL		Draft	Final
						Reg	Repro
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT F		C. CATEGORY: TDP <input checked="" type="checkbox"/> TM OTHER			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A017	2. TITLE OF DATA ITEM Software Test Report (STR)			3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81440A			5. CONTRACT REFERENCE SOW Para. 3.7.1		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION 45 DATC	14. DISTRIBUTION			
8. APP CODE	C	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	a. ADDRESSEE See Blk 16		b. COPIES	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 13 – 45 DARC and thereafter 45 days after completion of test. BLOCK 14 – See Distribution List A				15. TOTAL		Draft	Final
						Reg	Repro
						3	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT F		C. CATEGORY: TDP <input checked="" type="checkbox"/> TM OTHER			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A018	2. TITLE OF DATA ITEM System / Segment Design Description			3. SUBTITLE Interface Design Description External Tactical System			
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81432A			5. CONTRACT REFERENCE SOW Para. 3.7.2		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION AS REQ	14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION AS REQ	a. ADDRESSEE See Blk 16		b. COPIES	
					Draft	Final	
					Reg	Repro	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 10, 12, 13 – Submit as required if documentation changes as a result of Tech Refresh. BLOCK 14 – See Distribution List A NOTE: – Deliverables do not include source code				15. TOTAL		3	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT F		C. CATEGORY: TDP <input checked="" type="checkbox"/> TM OTHER			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A019	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. 3.7.2		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION AS REQ		14. DISTRIBUTION		
8. APP CODE	C	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION AS REQ		a. ADDRESSEE See Blk 16		b. COPIES
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 10, 12, 13 – Submit as required if documentation changes as a result of Tech Refresh. BLOCK 14 – See Distribution List A					15. TOTAL	Draft	Final
						Reg	Repro
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT F		C. CATEGORY: TDP X TM OTHER			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A020	2. TITLE OF DATA ITEM Interface Design Description (IDD)			3. SUBTITLE Interface Design Description AN/SPS-73(V) Radar			
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81436A			5. CONTRACT REFERENCE SOW Para. 3.7.2		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION AS REQ	14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION AS REQ	a. ADDRESSEE See Blk 16		b. COPIES	
					Draft	Final	
					Reg	Repro	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 10, 12, 13 – Submit as required if documentation changes as a result of Tech Refresh. BLOCK 14 – See Distribution List A NOTE: – Deliverables do not include source code				15. TOTAL		3	
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>					Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>						
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT F	C. CATEGORY: TDP X TM OTHER			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR	
1. DATA ITEM NO. A021	2. TITLE OF DATA ITEM Interface Design Description (IDD)			3. SUBTITLE Interface Design Description External Tactical System		
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81436A		5. CONTRACT REFERENCE SOW Para. 3.7.2		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION AS REQ	14. DISTRIBUTION		
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION AS REQ	a. ADDRESSEE See Blk 16		b. COPIES
					Draft	Final
					Reg	Repro
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 10, 12, 13 – Submit as required if documentation changes as a result of Tech Refresh. BLOCK 14 – See Distribution List A NOTE: – Deliverables do not include source code				15. TOTAL		3
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT F		C. CATEGORY: TDP <input checked="" type="checkbox"/> TM OTHER			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A022	2. TITLE OF DATA ITEM Software Product Specification (SPS)			3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81441A			5. CONTRACT REFERENCE SOW Para. 3.7.2		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION AS REQ	14. DISTRIBUTION			
8. APP CODE	C	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION AS REQ	a. ADDRESSEE See Blk 16		b. COPIES	
						Draft	Final
						Reg	Repro
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 10, 12, 13 – Submit as required, if documentation changes as a result of Tech Refresh. BLOCK 14 – See Distribution List A				15. TOTAL			3
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188		
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>								
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT F		C. CATEGORY: TDP X TM OTHER				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO. A023	2. TITLE OF DATA ITEM Software Design Description				3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81435A			5. CONTRACT REFERENCE SOW Para. 3.7.2		6. REQUIRING OFFICE NSWC CRANE CXLL			
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION AS REQ	14. DISTRIBUTION				
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION AS REQ	a. ADDRESSEE See Blk 16		b. COPIES		
					Draft	Final		
						Reg	Repro	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 10, 12, 13 – Submit as required, if documentation changes as a result of Tech Refresh NOTE: Deliverables do not include source code. BLOCK 14 – See Distribution List A				15. TOTAL		3		
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner			J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT F		C. CATEGORY: TDP <input checked="" type="checkbox"/> TM OTHER			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A024	2. TITLE OF DATA ITEM Software Requirements Specification (SRS)			3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81433A			5. CONTRACT REFERENCE SOW Para. 3.7.2		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION	14. DISTRIBUTION			
8. APP CODE	C	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE See Blk 16		b. COPIES	
					Draft	Final	
						Reg	Repro
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 10, 12, 13 – Submit as required, if documentation changes as a result of Tech Refresh. NOTE: Deliverables do not include source code. BLOCK 14 – See Distribution List A				15. TOTAL		3	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT F		C. CATEGORY: TDP X TM OTHER			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A025	2. TITLE OF DATA ITEM Interface Requirements Specification (IRS)			3. SUBTITLE Interface Requirements Specification, AN/SPS-73(V) Radar			
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81434A			5. CONTRACT REFERENCE SOW Para. 3.7.2		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION AS REQ	14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION AS REQ	a. ADDRESSEE See Blk 16		b. COPIES	
					Draft	Final	
					Reg	Repro	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 10, 12, 13 – Submit as required if documentation changes as a result of Tech Refresh NOTE: Deliverables do not include source code BLOCK 14 – See Distribution List A				15. TOTAL		3	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT F		C. CATEGORY: TDP X TM OTHER			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A026	2. TITLE OF DATA ITEM Interface Requirements Specification (IRS)			3. SUBTITLE Interface Requirements Specification, External Tactical System			
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81434A			5. CONTRACT REFERENCE SOW Para. 3.7.2		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION AS REQ	14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION AS REQ	a. ADDRESSEE See Blk 16		b. COPIES	
					Draft	Final	
					Reg	Repro	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 10, 12, 13 – Submit as required, if documentation changes as a result of Tech Refresh. BLOCK 14 – See Distribution List A				15. TOTAL		3	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT F		C. CATEGORY: TDP <input checked="" type="checkbox"/> TM OTHER			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A027		2. TITLE OF DATA ITEM Firmware Support Manual			3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81448A			5. CONTRACT REFERENCE SOW Para. 3.7.2		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION 300 DAC	14. DISTRIBUTION			
8. APP CODE	C	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION 30 DARC	a. ADDRESSEE See Blk 16		b. COPIES	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 - Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 14 – See Distribution List A				15. TOTAL		Draft	Final
						Reg	Repro
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188				
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>										
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT F	C. CATEGORY: TDP <input checked="" type="checkbox"/> TM OTHER							
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR					
1. DATA ITEM NO. A028	2. TITLE OF DATA ITEM Software User Manual (SUM)				3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81448A		5. CONTRACT REFERENCE SOW Para. 3.7.2			6. REQUIRING OFFICE NSWC CRANE CXLL					
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ONE/R N/A	12. DATE OF FIRST SUBMISSION 300 DAC 30 DARC		14. DISTRIBUTION					
8. APP CODE				a. ADDRESSEE See Bk 16		b. COPIES				
						Draft	Final			
						Reg	Repro			
16. REMARKS: <u>BLOCK 2</u> - Cover sheet shall include contract and CDRL number. <u>BLOCK 8</u> - Government will provide response within 30 work days. If reject, contractor shall provide resubmittal within 30 work days. <u>BLOCK 14</u> - See Distribution List A						15. TOTAL		3		
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner			J. DATE 9 Sep 09			

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT B		C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A035		2. TITLE OF DATA ITEM Source Control Drawing Approval Request			3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-SESS-81010C SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 3.9		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION 180 DAC	14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION 30 DARC	a. ADDRESSEE See Blk 16		b. COPIES	
						Draft	Final
						Reg	Repro
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 – Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 12 – Concurrent with A034 and A035. BLOCK 13 – 30 days after receipt of comments. BLOCK 14 – See Distribution List A				15. TOTAL			3
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>					Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>						
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT B	C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR	
1. DATA ITEM NO. A036	2. TITLE OF DATA ITEM Product Drawings and Associated Lists			3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-SESS-81000C SEE BLK 16		5. CONTRACT REFERENCE SOW Para. 3.9.1, 4.3.9		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION 180 DAC	14. DISTRIBUTION		
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION 30 DARC	a. ADDRESSEE See Blk 16		b. COPIES
					Draft	Final
					Reg	Repro
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – For ordering data, see DD 2554-6 TDP option selection worksheet for Product Drawings and associated Lists, attached. BLOCK 8 – Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 14 – Copies shall be Type A, Class I, blue-line Prints per MIL-PRF-5480G or electrostatic prints. NOTE: See CDRLs A051, A027, and A052 and ensure Product Drawings and Associated Lists are provided to the Provisioning Points of Contact. BLOCK 14 – See Distribution List A				15. TOTAL		3
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT B		C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A037	2. TITLE OF DATA ITEM Commercial Drawings and Associated Lists			3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-SESS-81003C SEE BLK 16			5. CONTRACT REFERENCE SOW Pars. 3.9.2, 4.3.9		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION 180 DAC	14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION 30 DARC	a. ADDRESSEE See Blk 16		b. COPIES	
						Draft	Final
						Reg	Repro
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL numbers. BLOCK 4 – For ordering data, see DD 2554-6 TDP option selection worksheet for Product Drawings and associated Lists, attached. BLOCK 8 – Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 14 – Copies shall be Type A, Class I, blueline Prints per MIL-PRF-5480G or electrostatic prints. NOTE: See CDRLs A051, A027, and A052 and ensure Commercial Drawings and Associated Lists are provided to the Provisioning Points of Contact. BLOCK 14 – See Distribution List A				15. TOTAL			3
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner			J. DATE 9 Sep 09

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT A	C. CATEGORY: TDP TM OTHER X				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A052	2. TITLE OF DATA ITEM Design Review				3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508B		5. CONTRACT REFERENCE SOW Para. 3.13.1			6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION ASREQ	14. DISTRIBUTION			
8. APP CODE N		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION ASREQ	a. ADDRESSEE See Blk 16		b. COPIES	
					Draft	Final	
						Reg	Repro
16. REMARKS:							
<p>BLOCK 9 – Distribution Statement D applies (use existing distribution statement on documents to be revised).</p> <p>BLOCKS 10/12/13 – Conduct Design Review to demonstrate that the design, fabrication, and test is in compliance with contract requirements.</p> <p>BLOCK 14 – Data shall include contract and CDRL numbers. Data submission via email is preferred.</p> <p>See Distribution List D</p>						3	
G. PREPARED BY David Osmundsen		H. DATE 8 Sep 09	I. APPROVED BY Kathleen Turner			J. DATE 8 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0004		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER X			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A057	2. TITLE OF DATA ITEM Manufacturers Commercial Manuals				3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508B			5. CONTRACT REFERENCE SOW Para. 4.3.10		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION ASREQ	14. DISTRIBUTION			
8. APP CODE N		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION ASREQ	a. ADDRESSEE See Blk 16		b. COPIES	
					Draft	Final	
						Reg	Repro
16. REMARKS: <u>BLOCK 9</u> – Distribution Statement D applies (use existing distribution statement on documents to be revised). <u>BLOCKS 10/12/13</u> – Provide Manufacturers Commercial Manuals. <u>BLOCK 14</u> – Data shall include contract and CDRL numbers. Data submission via email is preferred. See Distribution List D							
G. PREPARED BY David Osmundsen			H. DATE 8 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 8 Sep 09

DISTRIBUTION LIST A

Jerry Watkins
PHD NSWC VA Beach Det
488 Sparrow St., Bldg 522
Va Beach, Va 23461-2098
jerry.watkins@navy.mil

Department of the Navy
Commander
ATTN Kathleen Turner, Bldg 3168, Code CXLL
NAVSURFWARCENDIV
300 Highway 361
Crane, IN 47522-5001
kathleen.turner@navy.mil

Department of the Navy
Commander
ATTN Amy Haworth, Bldg 3168, Code CXLL
NAVSURFWARCENDIV
300 Highway 361
Crane, IN 47522-5001
Amy.haworth.ctr@navy.mil

DISTRIBUTION LIST D

Rubin Viera
PHD NSWC VA Beach Det
488 Sparrow St., Bldg 522
Va Beach, Va 23461-2098
Rubin.viera1@navy.mil

Department of the Navy
Commander
ATTN Kathleen Turner, Bldg 3168, Code CXLL
NAVSURFWARCENDIV
300 Highway 361
Crane, IN 47522-5001
kathleen.turner@navy.mil

Department of the Navy
Commander
ATTN Amy Haworth, Bldg 3168, Code CXLL
NAVSURFWARCENDIV
300 Highway 361
Crane, IN 47522-5001
Amy.haworth.ctr@navy.mil

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.						
A. CONTRACT LINE ITEM NO. CLIN 0005		B. EXHIBIT	C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR	
1. DATA ITEM NO. A038	2. TITLE OF DATA ITEM AN/SPS-73 TECH REFRESH DRAFT IETM SOURCE DATA			3. SUBTITLE DRAFT MAINTENANCE IETMs AND OPERATORS IETM SOURCE DATA		
4. AUTHORITY (DATA ACQUISITION DOCUMENT NO.) SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 3.10.1		6. REQUIRING OFFICE NSWC CRANE CXLL	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD C	10. FREQUENCY SEE BLK 16	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION		
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE	b. COPIES		
				Draft	Final	
				Reg	Repro	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – Contractor shall use the SOW and TMCR NDMS-090044-000 for development of source data required. BLOCK 8 - Approval for technical accuracy and contractual compliance. Government will provide response within 15 work days. If rejected, contractor shall provide resubmittal within 15 work days. BLOCK 9 – Distribution authorized to Department of Defense (DOD) and U.S. DOD contractors only; Critical Technology (XX XXX XX). Other requests shall be referred to the PEO IWS 2R114. BLOCK 10, 12, 13 – First submission shall be at 35 – 40% development completed of both maintenance and operators TMs. Next submission 75%, then 100%, VAL/VER, and Final. Redline the existing IETMs by using screen shots of text, links, tables, figures, etc. that require updates; Every screen shot, link, table, figure, etc. has to include the path of location within the existing IETM. All new text shall be in Microsoft Word, and all new graphics and photographs shall be in .SVG format. All approved engineering changes, and all TMDERs shall be incorporated. Meetings: Subsequent submittals shall be delivered as required to document schedule changes as required. BLOCK 14 – To expedite delivery, submissions may be made electronically via e-mail or fax if appropriate. See Distribution List C				15. TOTAL	7	
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>					Form Approved OMB No. 0704-0188		
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0005		B. EXHIBIT	C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A039	2. TITLE OF DATA ITEM AN/SPS-73 TECH REFRESH DRAFT IETM SOURCE DATA			3. SUBTITLE QUALITY ASSURANCE PLAN			
4. AUTHORITY (DATA ACQUISITION DOCUMENT NO.) SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 3.10.2		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16		a. ADDRESSEE		b. COPIES	
16. REMARKS: <u>BLOCK 2</u> – Cover sheet shall include contract and CDRL number. <u>BLOCK 4</u> – Contractor shall use the SOW and TMCR NDMS-090044-000 for development requirements of the Quality Assurance Plan. <u>BLOCK 8</u> - Approval for technical accuracy and contractual compliance. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. <u>BLOCK 9</u> – Distribution authorized to Department of Defense (DOD) and U.S. DOD contractors only; Critical Technology (XX XXX XX). Other requests shall be referred to the PEO IWS 2R114. <u>BLOCK 10, 12, 13</u> – First submission shall be 30 days after start of task. Subsequent submittals shall be delivered as required to document schedule changes as required. <u>BLOCK 14</u> – To expedite delivery, submissions may be made electronically via e-mail or fax if appropriate. See Distribution List C				15. TOTAL		7	
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>					Form Approved OMB No. 0704-0188		
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0005		B. EXHIBIT	C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A040	2. TITLE OF DATA ITEM AN/SPS-73 TECH REFRESH DRAFT IETM SOURCE DATA			3. SUBTITLE VALIDATION / VERIFICATION PLAN			
4. AUTHORITY (DATA ACQUISITION DOCUMENT NO.) SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 3.10.2		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION NONE		a. ADDRESSEE		b. COPIES	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – Contractor shall use the SOW and TMCR NDMS-090044-000 for development requirements of the Validation / Verification Plan. BLOCK 8 - Approval for technical accuracy and contractual compliance. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 – Distribution authorized to Department of Defense (DOD) and U.S. DOD contractors only; Critical Technology (XX XXX XX). Other requests shall be referred to the PEO IWS 2R114. BLOCK 10, 12, 13 – First submission shall be 30 days after start of task. Meetings: Subsequent submittals shall be delivered as required to document schedule changes as required. BLOCK 14 – To expedite delivery, submissions may be made electronically via e-mail or fax if appropriate. See Distribution List C				Draft		Final	
				Reg		Repro	
				15. TOTAL	7		
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0005		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A041	2. TITLE OF DATA ITEM AN/SPS-73 TECH REFRESH DRAFT IETM SOURCE DATA			3. SUBTITLE VALIDATION CERTIFICATE			
4. AUTHORITY (DATA ACQUISITION DOCUMENT NO.) SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 3.10.2		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD C	10. FREQUENCY SEE BLK 16	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE N/A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION NONE		a. ADDRESSEE		b. COPIES	
						Draft	Final
						Reg	Repro
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – Contractor shall use the SOW and TMCR NDMS-090044-000 for development requirements of the Validation Certificate. BLOCK 9 – Distribution authorized to Department of Defense (DOD) and U.S. DOD contractors only; Critical Technology (XX XXX XX). Other requests shall be referred to the PEO IWS 2R114. BLOCK 10, 12 – Document shall be delivered with Final Source Data. BLOCK 14 – To expedite delivery, submissions may be made electronically via e-mail or fax if appropriate. See Distribution List C				15. TOTAL		7	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0005		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A042	2. TITLE OF DATA ITEM AN/SPS-73 TECH REFRESH DRAFT IETM SOURCE DATA			3. SUBTITLE IN PROCESS REVIEWS (IPRs)			
4. AUTHORITY (DATA ACQUISITION DOCUMENT NO.) SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 3.10.2		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD C	10. FREQUENCY SEE BLK 16	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16		a. ADDRESSEE		b. COPIES	
						Draft	Final
						Reg	Repro
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – Contractor shall use the SOW and TMCR NDMS-090044-000 for development requirements to schedule IPRs. BLOCK 8 – Approval for technical accuracy and contractual compliance. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 days. BLOCK 9 – Distribution authorized to Department of Defense (DOD) and U.S. DOD contractors only; Critical Technology (XX XXX XX). Other requests shall be referred to the PEO IWS 2R114. BLOCK 10, 12, 13 – First IPR shall be at 35 – 40% source data development completion of each TM. 75% shall be next, then 100% and VAL/VER. Dates to be determined by schedule. Meeting: Subsequent submittals shall be delivered as required to document schedule changes. BLOCK 14 – To expedite delivery, submissions may be made electronically via e-mail or fax if appropriate. See Distribution List C				15. TOTAL		7	
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>					Form Approved OMB No. 0704-0188				
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>									
A. CONTRACT LINE ITEM NO. CLIN 0005		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>					
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. A043	2. TITLE OF DATA ITEM AN/SPS-73 TECH REFRESH DRAFT IETM SOURCE DATA			3. SUBTITLE GUIDANCE & QUALITY PLANNING CONFERENCE					
4. AUTHORITY (DATA ACQUISITION DOCUMENT NO.) SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 3.10.2		6. REQUIRING OFFICE NSWC CRANE CXLL				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD C	10. FREQUENCY 60 DAYS	12. DATE OF FIRST SUBMISSION N/A	14. DISTRIBUTION					
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A		a. ADDRESSEE		b. COPIES			
				Draft		Final			
				Reg		Repr			
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – Contractor shall use the SOW and TMCR NDMS-090044-000. BLOCK 8 – Approval for technical accuracy and contractual compliance. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 days. BLOCK 9 – Distribution authorized to Department of Defense (DOD) and U.S. DOD contractors only; Critical Technology (XX XXX XX). Other requests shall be referred to the PEO IWS 2R114. BLOCK 10 – Due 60 days after start of task. Meetings: Subsequent meetings if required. BLOCK 14 – To expedite delivery, submissions may be made electronically via e-mail or fax if appropriate. See Distribution List C				15. TOTAL				7	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188			
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>									
A. CONTRACT LINE ITEM NO. CLIN 0005		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>					
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. A044	2. TITLE OF DATA ITEM AN/SPS-73 TECH REFRESH DRAFT IETM SOURCE DATA			3. SUBTITLE DEVELOPMENT STATUS REPORTS & SCHEDULES					
4. AUTHORITY (DATA ACQUISITION DOCUMENT NO.) SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 3.10.3		6. REQUIRING OFFICE NSWC CRANE CXLL				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD C	10. FREQUENCY SEE BLK 16	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION					
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE		b. COPIES				
				Draft	Final				
				Reg	Repr				
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – Contractor shall use the SOW and TMCR NDMS-090044-000 for requirements of status reports and schedules. BLOCK 8 – Approval for technical accuracy and contractual compliance. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 days. BLOCK 9 – Distribution authorized to Department of Defense (DOD) and U.S. DOD contractors only; Critical Technology (XX XXX XX). Other requests shall be referred to the PEO IWS 2R114. BLOCK 10, 12, 13 – Frequency shall be per schedule requirements. Subsequent submittals shall be delivered as required. BLOCK 14 – To expedite delivery, submissions may be made electronically via e-mail or fax if appropriate. See Distribution List C				15. TOTAL				7	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09			

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0005		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A045	2. TITLE OF DATA ITEM AN/SPS-73 TECH REFRESH DRAFT IETM SOURCE DATA			3. SUBTITLE VALIDATION / VERIFICATION			
4. AUTHORITY (DATA ACQUISITION DOCUMENT NO.) SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 3.10.3		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD C	10. FREQUENCY SEE BLK 16	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16		a. ADDRESSEE		b. COPIES	
						Draft	Final
					Reg	Repro	
16. REMARKS: <u>BLOCK 2</u> – Cover sheet shall include contract and CDRL number. <u>BLOCK 4</u> – Contractor shall use the SOW and TMCR NDMS-090044-000 and VAL / VER Plan for combined Government and contractor VAL / VER Event. <u>BLOCK 8</u> – Approval for technical accuracy and contractual compliance. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 days. <u>BLOCK 9</u> – Distribution authorized to Department of Defense (DOD) and U.S. DOD contractors only; Critical Technology (XX XXX XX). Other requests shall be referred to the PEO IWS 2R114. <u>BLOCK 10, 12, 13</u> – Shall occur after/during 100% review of source data or as required by Government install schedule. <u>BLOCK 14</u> – To expedite delivery, submissions may be made electronically via e-mail or fax if appropriate. See Distribution List C				15. TOTAL		7	
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					Form Approved OMB No. 0704-0188			
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA. 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.								
A. CONTRACT LINE ITEM NO. CLIN 0006		B. EXHIBIT	C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>					
D. SYSTEM/ITEM AN/SPS-73(V) Radar		E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. A046	2. TITLE OF DATA ITEM INSTRUCTIONAL MEDIAL PACKAGE			3. SUBTITLE AN/SPS-73(V) OPERATORS COMPUTER BASED INSTRUCTION (CBI) UPDATE				
DI-SESS-81526B		5. CONTRACT REFERENCE SOW Para. 3.11.1		6. REQUIRING OFFICE NSWC CRANE CXLX				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION			
8. APP CODE A	SEE BLK 16	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A		a. ADDRESSEE			
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2R114. BLOCK 12 – Contractor shall deliver a prototype update within 90 days of approval of CDRL A045 including all content medial types and software for use to assess contractor product compliance with applicable curriculum development standards outlined in the SOW. Production to be delivered 15 days after approval of prototype. Contractor shall ensure each storyboard and instructional media package is reviewed and approved by the Government Project Manager prior to authoring product content. BLOCK 14 – See Distribution List C					b. COPIES			
					Draft	Final	Reg	Repro
					15. TOTAL		7	
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09			

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0006		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A047	2. TITLE OF DATA ITEM INTEGRATED MASTER PLAN AND SCHEDULE			3. SUBTITLE COMPUTER BASED INSTRUCTION (CBI) UPDATE INTEGRATED MASTER PLAN (IMP)			
DI-MGMT-80004A		5. CONTRACT REFERENCE SOW Para. 3.11.1			6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION		
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A		a. ADDRESSEE		b. COPIES
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2R114. BLOCK 12, 13 – Initial submission shall be delivered 90 days after contract award. BLOCK 14 – See Distribution List C							Final
							Draft
					15. TOTAL		7
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188		
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.								
A. CONTRACT LINE ITEM NO. CLIN 0006		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <u>X</u>				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO. A048	2. TITLE OF DATA ITEM INSTRUCTIONAL MEDIA PACKAGE			3. SUBTITLE AN/SPS-73(V) OPERATORS COMPUTER BASED INSTRUCTION (CBI) UPDATE OPERATORS MANUAL				
DI-SESS-81526B		5. CONTRACT REFERENCE SOW Para. 3.11.1		6. REQUIRING OFFICE NSWC CRANE CXLL				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION			
8. APP CODE A	SEE BLK 16	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A		a. ADDRESSEE		b. COPIES	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2R114. BLOCK 12 – Due 90 days after approval of CDRL A045. BLOCK 14 – See Distribution List C					Draft		Final	
					Reg		Repro	
					15. TOTAL		7	
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188		
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.								
A. CONTRACT LINE ITEM NO. CLIN 0006		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO. A049	2. TITLE OF DATA ITEM INSTRUCTIONAL MEDIA PACKAGE			3. SUBTITLE AN/SPS-73(V) OPERATORS COMPUTER BASED INSTRUCTION (CBI) UPDATE INSTRUCTORS MANUAL				
DI-SESS-81526B		5. CONTRACT REFERENCE SOW Para. 3.11.1			6. REQUIRING OFFICE NSWC CRANE CXLL			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION			
8. APP CODE A	SEE BLK 16	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A		a. ADDRESSEE		b. COPIES	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2R114. BLOCK 12 – Due 90 days after approval of CDRL A046. BLOCK 14 – See Distribution List C					Draft		Final	
					Reg		Repro	
					15. TOTAL		7	
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0006		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A050		2. TITLE OF DATA ITEM MP&T Course Material			3. SUBTITLE		
DI-MISC-80508B			5. CONTRACT REFERENCE SOW Para. 3.11.2		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION ASREQ	14. DISTRIBUTION			
8. APP CODE N		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION ASREQ	a. ADDRESSEE		b. COPIES	
						Draft	Final
						Reg	Repro
16. REMARKS: BLOCK 9 - Distribution Statement D applies (use existing distribution statement on documents to be revised). BLOCK 10, 12, 13 – Manpower, Personnel, and Training (MP&T) input for Maintenance and Operator Interactive Electronic Course Material. BLOCK 14 – Data shall include contract and CDRL numbers. Data submission via email is preferred. See Distribution List D				15. TOTAL		3	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner			J. DATE 9 Sep 09

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188		
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.								
A. CONTRACT LINE ITEM NO. CLIN 0006		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO. A046	2. TITLE OF DATA ITEM INSTRUCTIONAL MEDIAL PACKAGE			3. SUBTITLE AN/SPS-73(V) OPERATORS COMPUTER BASED INSTRUCTION (CBI) UPDATE				
DI-SESS-81526B			5. CONTRACT REFERENCE SOW Para. 3.11.1		6. REQUIRING OFFICE NSWC CRANE CXLX			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION			
8. APP CODE A	D SEE BLK 16	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A		a. ADDRESSEE		b. COPIES	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2R114. BLOCK 12 – Contractor shall deliver a prototype update within 90 days of approval of CDRL A045 including all content medial types and software for use to assess contractor product compliance with applicable curriculum development standards outlined in the SOW. Production to be delivered 15 days after approval of prototype. Contractor shall ensure each storyboard and instructional media package is reviewed and approved by the Government Project Manager prior to authoring product content. BLOCK 14 – See Distribution List C					Draft		Final	
					Reg		Repro	
					15. TOTAL	7		
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0006		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A047	2. TITLE OF DATA ITEM INTEGRATED MASTER PLAN AND SCHEDULE			3. SUBTITLE COMPUTER BASED INSTRUCTION (CBI) UPDATE INTEGRATED MASTER PLAN (IMP)			
DI-MGMT-80004A		5. CONTRACT REFERENCE SOW Para. 3.11.1			6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION		
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A		a. ADDRESSEE		b. COPIES
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2R114. BLOCK 12, 13 – Initial submission shall be delivered 90 days after contract award. BLOCK 14 – See Distribution List C							Final
							Draft
					15. TOTAL		7
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0006		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A048	2. TITLE OF DATA ITEM INSTRUCTIONAL MEDIA PACKAGE			3. SUBTITLE AN/SPS-73(V) OPERATORS COMPUTER BASED INSTRUCTION (CBI) UPDATE OPERATORS MANUAL			
DI-SESS-81526B		5. CONTRACT REFERENCE SOW Para. 3.11.1			6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION		
8. APP CODE A	SEE BLK 16	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A		a. ADDRESSEE		b. COPIES
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2R114. BLOCK 12 – Due 90 days after approval of CDRL A045. BLOCK 14 – See Distribution List C							Final
							Draft
					15. TOTAL		7
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0006		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A049	2. TITLE OF DATA ITEM INSTRUCTIONAL MEDIA PACKAGE			3. SUBTITLE AN/SPS-73(V) OPERATORS COMPUTER BASED INSTRUCTION (CBI) UPDATE INSTRUCTORS MANUAL			
DI-SESS-81526B		5. CONTRACT REFERENCE SOW Para. 3.11.1		6. REQUIRING OFFICE NSWC CRANE CXLL			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE A	SEE BLK 16	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A	a. ADDRESSEE		b. COPIES	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2R114. BLOCK 12 – Due 90 days after approval of CDRL A046. BLOCK 14 – See Distribution List C				Draft		Final	
				Reg		Repr	
				15. TOTAL		7	
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0006		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A050		2. TITLE OF DATA ITEM MP&T Course Material			3. SUBTITLE		
DI-MISC-80508B			5. CONTRACT REFERENCE SOW Para. 3.11.2		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION ASREQ	14. DISTRIBUTION			
8. APP CODE N		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION ASREQ	a. ADDRESSEE		b. COPIES	
						Draft	Final
						Reg	Repro
16. REMARKS: BLOCK 9 - Distribution Statement D applies (use existing distribution statement on documents to be revised). BLOCK 10, 12, 13 – Manpower, Personnel, and Training (MP&T) input for Maintenance and Operator Interactive Electronic Course Material. BLOCK 14 – Data shall include contract and CDRL numbers. Data submission via email is preferred. See Distribution List D				15. TOTAL		3	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner			J. DATE 9 Sep 09

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0007		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A059		2. TITLE OF DATA ITEM AN/SPS-73 TECH REFRESH DRAFT IETM SOURCE DATA			3. SUBTITLE VALIDATION / VERIFICATION PLAN		
TMCR 090044-000, SOW			5. CONTRACT REFERENCE SOW Para. 5.1.3		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION ASREQ	14. DISTRIBUTION			
8. APP CODE N		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION ASREQ	a. ADDRESSEE See Blk 16		b. COPIES	
					Draft	Final	
					Reg	Repro	
16. REMARKS: BLOCK 4 - Contractor shall use the statement of work and TMCR NDMS-090044-00 for development requirements of the Validation/Verification Plan. BLOCK 9 - Distribution Statement D applies (use existing distribution statement on documents to be revised). BLOCK 10, 12, 13 – If requested by the Center of Service Combat Systems (CSCS). BLOCK 14 – Data shall include contract and CDRL numbers. Data submission via email is preferred. See Distribution List D				15. TOTAL		3	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>					Form Approved OMB No. 0704-0188		
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0007		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A060	2. TITLE OF DATA ITEM INTEGRATED MASTER PLAN AND SCHEDULE			3. SUBTITLE INTEGRATED MASTER PLAN (IMP)			
DI-MGMT-80004A		5. CONTRACT REFERENCE SOW Para. 5.3.1.1, 5.3.1.2, 5.3.1.3		6. REQUIRING OFFICE NSWC CRANE CXLL			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY SEE BLK 16	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE See Blk 16	b. COPIES			
				Draft	Final		
				Reg	Repro		
16. REMARKS: <u>BLOCK 2</u> – Cover sheet shall include contract and CDRL number. <u>BLOCK 8</u> - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. <u>BLOCK 9</u> - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2L2. <u>BLOCK 10, 12, 13</u> – Initial submission shall be delivered at the Kick-Off (K/O) meeting for review and the final posted on the configuration management Web Site no later than five work days after the K/O meeting. Subsequent changes shall be submitted to the Government for approval and updated throughout the contract. <u>BLOCK 14</u> – The IMP shall be updated weekly and maintained on the Configuration Management Web Site. See Distribution List C				15. TOTAL		7	
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188			
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>									
A. CONTRACT LINE ITEM NO. CLIN 0007		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>					
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. A061		2. TITLE OF DATA ITEM INTEGRATED MASTER SCHEDULE			3. SUBTITLE INTEGRATED MASTER SCHEDULE (IMS)				
DI-MGMT-81650			5. CONTRACT REFERENCE SOW Para. 5.3.1.1		6. REQUIRING OFFICE NSWC CRANE CXLL				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY SEE BLK 16	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION					
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE See Blk 16		b. COPIES				
				Draft	Final	Reg	Repr		
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2L2. BLOCK 10, 12, 13 – Initial submission shall be delivered at the Kick-Off (K/O) meeting for review and the final posted on the configuration management Web Site no later than five work days after the K/O meeting. Subsequent changes shall be submitted to the Government for approval and updated throughout the contract. BLOCK 14 – The IMS shall be updated weekly and maintained on the Configuration Management Web Site. See Distribution List C				15. TOTAL				7	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>					Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.						
A. CONTRACT LINE ITEM NO. CLIN 0007		B. EXHIBIT A	C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar		E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A062	2. TITLE OF DATA ITEM TRAINING PROJECT PLAN (TPP)			3. SUBTITLE		
NAVEDTRA 131 SERIES		5. CONTRACT REFERENCE SOW Para. 5.3.17		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED DD	10. FREQUENCY ONCE	12. DATE OF FIRST SUBMISSION 60DAC	14. DISTRIBUTION		
8. APP CODE N	D	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A	a. ADDRESSEE See Blk 16		b. COPIES
16. REMARKS: BLOCK 4 - Contractor shall develop the TPP for the course using NAVEDTRA 131 Series for format and content guidance. BLOCK 9 - Distribution Statement D applies (use existing distribution statement on documents to be revised). BLOCK 14 – Data shall include contract and CDRL numbers. Data submission via email is preferred. See Distribution List D				Draft		Final
				Reg		Repro
				15. TOTAL		3
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>					Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.						
A. CONTRACT LINE ITEM NO. CLIN 0007		B. EXHIBIT	C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar		E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A063	2. TITLE OF DATA ITEM INSTUCTIONAL MEDIA PACKAGE			3. SUBTITLE LEVEL IV IMI ASSESSMENT STRATEGY		
DI-SESS-81526B		5. CONTRACT REFERENCE SOW Para. 5.3.1.10		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY SEE BLK 16	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION		
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE See Blk 16	b. COPIES		
				Draft	Final	
				Reg	Repro	
16. REMARKS: <u>BLOCK 2</u> – Cover sheet shall include contract and CDRL number. <u>BLOCK 8</u> - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. <u>BLOCK 9</u> - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2L2. <u>BLOCK 10, 12</u> – Contractor shall deliver a Level IV Assessment Strategy based on the existing Government Assessment Strategy prior to authoring the course content. <u>BLOCK 13</u> – Contractor shall ensure the Assessment Strategy is reviewed and approved by the Government Project Manager for each change made to the Strategy. <u>BLOCK 14</u> – See Distribution List C				15. TOTAL	7	
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188			
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.									
A. CONTRACT LINE ITEM NO. CLIN 0007		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>					
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. A064	2. TITLE OF DATA ITEM INSTRUCTIONAL PERFORMANCE REQUIREMENTS DOCUMENTS			3. SUBTITLE PERSONNEL PERFORMANCE PROFILE TABLES (PPP TABLES)					
DI-SESS-81518B SEE BLK 16		5. CONTRACT REFERENCE SOW Para. 5.3.1.12			6. REQUIRING OFFICE NSWC CRANE CXLL				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION					
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION 15 DARC	a. ADDRESSEE See Blk 16	b. COPIES					
				Draft	Final				
				Reg	Repro				
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – Format and content requirements shall be per NAVEDTRA 131 series and Authoring Instructional Materials (AIM I) software environment. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2L2. BLOCK 12 – Due 12 to 20 days after Integrated Master Plan acceptance. BLOCK 14 – The completed data shall be delivered as an AIM I export file and Adobe Acrobat PDF File, both on CD ROM. See Distribution List C				15. TOTAL				7	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09			

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188			
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.									
A. CONTRACT LINE ITEM NO. CLIN 0007		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>					
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. A065	2. TITLE OF DATA ITEM INSTRUCTIONAL PERFORMANCE REQUIREMENTS DOCUMENTS			3. SUBTITLE TRAINING PAT SYSTEM (TPS)					
DI-SESS-81518B SEE BLK 16		5. CONTRACT REFERENCE SOW Para. 5.3.1.13			6. REQUIRING OFFICE NSWC CRANE CXLL				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION					
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION 10 DARC	a. ADDRESSEE See Blk 16	b. COPIES					
				Draft	Final				
				Reg	Repro				
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – Format and content requirements shall be per NAVEDTRA 131 series and Authoring Instructional Materials (AIM I) software environment. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 15 work days. If rejected, contractor shall provide resubmittal within 15 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2L2. BLOCK 12 – Due 12 to 15 days after approval of CDRL A057. BLOCK 14 – The completed data shall be delivered as an AIM I export file and Adobe Acrobat PDF File, both on CD ROM. See Distribution List C				15. TOTAL				7	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0007		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A066	2. TITLE OF DATA ITEM TRAINING CONDUCT SUPPORT DOCUMENT			3. SUBTITLE TRAINING COURSE CONTROL DOCUMENT (TCCD) REQUIREMENTS			
DI-SESS-81523B SEE BLK 16		5. CONTRACT REFERENCE SOW Para. 5.3.1.14		6. REQUIRING OFFICE NSWC CRANE CXLL			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION 10 DARC	a. ADDRESSEE See Blk 16		b. COPIES	
					Draft	Final	
					Reg	Repro	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – Format and content requirements shall be per NAVEDTRA 131 series and Authoring Instructional Materials (AIM I) software environment. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 15 work days. If rejected, contractor shall provide resubmittal within 15 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2L2. BLOCK 12 – Due 12 to 15 days after approval of CDRL A057. BLOCK 14 – The completed data shall be delivered as an AIM I export file and Adobe Acrobat PDF File, both on CD ROM. See Distribution List C				15. TOTAL		7	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0007		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A067	2. TITLE OF DATA ITEM TRAINING CONDUCT SUPPORT DOCUMENT			3. SUBTITLE LESSON PLAN (LP) INSTRUCTOR GUIDE (IG)			
DI-SESS-81523B SEE BLK 16		5. CONTRACT REFERENCE SOW Para. 5.3.1.15		6. REQUIRING OFFICE NSWC CRANE CXLL			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY 3TIME	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE See Blk 16		b. COPIES		
					Draft	Final	
					Reg	Repr	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – Format and content requirements shall be per NAVEDTRA 131 series and Authoring Instructional Materials (AIM I) software environment. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2L2. BLOCK 12 – Due 12 to 90 days after approval of CDRL A059. BLOCK 13 - Stage III curriculum materials shall be submitted as follows: 1. Draft 90 days after approval of CDRL A059 2. 15 days after receipt of comments 3. 15 days after Initial Cadre Training Course BLOCK 14 – The completed data shall be delivered as an AIM I export file and Adobe Acrobat PDF File, both on CD ROM. See Distribution List C				15. TOTAL		7	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188		
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>								
A. CONTRACT LINE ITEM NO. CLIN 0007		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO. A068	2. TITLE OF DATA ITEM TRAINING CONDUCT SUPPORT DOCUMENT			3. SUBTITLE TRAINEE GUIDE (TG), EXERCISE JOB SHEETS, AND LABORATORY JOB SHEETS				
DI-SESS-81523B SEE BLK 16		5. CONTRACT REFERENCE SOW Para. 5.3.1.16, 5.3.1.17, 5.3.1.18			6. REQUIRING OFFICE NSWC CRANE CXLL			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY 3TIME	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16		a. ADDRESSEE See Blk 16		b. COPIES	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – Format and content requirements shall be per NAVEDTRA 131 series and Authoring Instructional Materials (AIM I) software environment. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2L2. BLOCK 12 – Due 12 to 90 days after approval of CDRL A059. BLOCK 13 - Stage III curriculum materials shall be submitted as follows: 1. Draft 90 days after approval of CDRL A059 2. 15 days after receipt of comments 3. 15 days after Initial Cadre Training Course BLOCK 14 – The completed data shall be delivered as an AIM I export file and Adobe Acrobat PDF File, both on CD ROM. See Distribution List C								
					15. TOTAL			7
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					Form Approved OMB No. 0704-0188		
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0007		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A069	2. TITLE OF DATA ITEM TEST PACKAGE			3. SUBTITLE TESTS			
DI-SESS-81525B SEE BLK 16		5. CONTRACT REFERENCE SOW Para. 5.3.1.19		6. REQUIRING OFFICE NSWC CRANE CXLL			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD	10. FREQUENCY 3TIME	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE A	D	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE See Blk 16		b. COPIES	
				Draft		Final	
				Reg		Repro	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – Format and content requirements shall be per NAVEDTRA 131 series. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2L2. BLOCK 12 – Due 12 to 90 days after approval of CDRL A059. BLOCK 13 - Stage III curriculum materials shall be submitted as follows: 1. Draft 90 days after approval of CDRL A059 2. 15 days after receipt of comments 3. 15 days after Initial Cadre Training Course BLOCK 14 – The completed data shall be delivered as a Microsoft Word file on CD ROM. See Distribution List C				15. TOTAL		7	
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188		
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>								
A. CONTRACT LINE ITEM NO. CLIN 0007		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO. A070	2. TITLE OF DATA ITEM TEST PACKAGE			3. SUBTITLE REMEDIATION AND FEEDBACK (TESTING)				
DI-SESS-81525B SEE BLK 16		5. CONTRACT REFERENCE SOW Para. 5.3.1.20		6. REQUIRING OFFICE NSWC CRANE CXLL				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION 30DARC	14. DISTRIBUTION				
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION 30DARC	a. ADDRESSEE See Blk 16		Draft	b. COPIES Final		
16. REMARKS:	<p>BLOCK 2 – Cover sheet shall include contract and CDRL number.</p> <p>BLOCK 4 – Only Paragraphs 2.3.7 and 2.4.5 apply. Format and content requirements shall be per NAVEDTRA 131 series.</p> <p>BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days.</p> <p>BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2L2.</p> <p>BLOCK 12 – Due 12 to 60 days after approval of CDRL A059.</p> <p>BLOCK 14 – The completed data shall be delivered as a Microsoft Word file on CD ROM.</p> <p>See Distribution List C</p>			15. TOTAL	Draft	Final	Reg	Repr
G. PREPARED BY David Osmundsen	H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09				

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0007		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A071	2. TITLE OF DATA ITEM INSTRUCTIONAL MEDIA PACKAGE			3. SUBTITLE STORYBOARDS / PROTOTYPE MAINTENANCE TASK / INSTRUCTIONAL MEDIA PACKAGE (IMP)			
DI-SESS-81526B SEE BLK 16		5. CONTRACT REFERENCE SOW Para. 5.3.2.10, 5.3.2.12, 5.3.2.13			6. REQUIRING OFFICE NSWC CRANE CXL		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD D	10. FREQUENCY SEE BLK 16	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION		
8. APP CODE A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16		a. ADDRESSEE See Blk 16		b. COPIES	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to PEO IWS 2L2. BLOCK 10, 12 – Contractor shall deliver a prototype lesson including all content medial types and software for use to assess contractor product compliance with applicable curriculum development standards outlined in this SOW. Contractor shall ensure that each storyboard and instructional media package is reviewed and approved by the Government Project Manager prior to authoring product content. BLOCK 13 – Upon project completion, the contractor shall provide storyboards that contain all asset file names and meta-data tags properly referenced for ease to identify source files and materials used in the IMI. BLOCK 14 – See Distribution List C				Draft		Final	
				Reg		Repr	
				15. TOTAL		7	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188		
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.								
A. CONTRACT LINE ITEM NO. CLIN 0008		B. EXHIBIT		C. CATEGORY: TDP TM OTHER <input checked="" type="checkbox"/>				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO. A051		2. TITLE OF DATA ITEM TRAIN THE TRAINER EVENT			3. SUBTITLE AN/SPS-73(V) TECH REFRESH KIT MAINTENANCE COURSE TRAINERS TRAINING			
DI-SESS-815326B			5. CONTRACT REFERENCE SOW Para. 3.11.3		6. REQUIRING OFFICE NSWC CRANE CXLL			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED DD	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION			
8. APP CODE A	D SEE BLK 16	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A		a. ADDRESSEE See Blk 16		b. COPIES	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 - Approval for completeness and technical content. Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 days. BLOCK 9 - Distribution authorized to Department of Defense (DOD) contractors only; Critical Technology (3 Oct 01). Other requests shall be referred to the PEO IWS 2R114. BLOCK 12 – Contractor shall provide event dates within 90 days of approval of the AN/SPS-73(V) Radar Tech Refresh Kit (Unit 3) Maintenance Course. Contractor shall conduct a “Train the Trainer’s” event and provide updated training course materials in editable electronic MS Word and Scalable Vector Graphics (SVG) format. “Train the Trainers’ process required in support of In-Service Engineering Agent (ISEA) development and conduct of initial training events supporting ship’s crew maintenance qualification for the Technology Refresh Field Change implementation in US Navy systems. Scope includes providing ISEA support of CIN A-104-0225 course update and pilot. BLOCK 14 – See Distribution List C					Draft		Final	
					Reg	Repro	7	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

DISTRIBUTION LIST C

Doug Tursman
Code PEO-IWS2L2
80 M Street SE Suite 600
Washington, DC 20003
Douglas.tursman@navy.mil

Cathy Beaulieu
Port Hueneme NSWC Virginia Beach DET
488 Sparrow Street, Bldg 522
Virginia Beach, VA 23461-2098
Cathy.beaulieu@navy.mil

Jerry Watkins
PHD NSWC VA Beach Det
488 Sparrow St., Bldg 522
Virginia Beach, VA 23461-2098
Jerry.watkins@navy.mil

Rubin Viera
Washington Navy Yard
1333 Isaac Hull Avenue
PEO-IWS 2RI14, Bldg 197
Washington, DC 20376
Rubin.viera1@navy.mil

John Owens
Port Hueneme NSWC VA Beach Det
488 Sparrow St, Bldg 522
Virginia Beach, VA 23461-2098
John.owens1@navy.mil

Department of the Navy
Commander
ATTN Amy Haworth, Bldg 3168, Code CXLL
NAVSURFWARCENDIV
300 Highway 361
Crane, IN 47522-5001
Amy.haworth.ctr@navy.mil

Department of the Navy
Commander
ATTN Kathleen Turner, Bldg 3168, Code CXLL
NAVSURFWARCENDIV
300 Highway 361
Crane, IN 47522-5001
kathleen.turner@navy.mil

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0009		B. EXHIBIT L		C. CATEGORY: TDP TM OTHER PROVISIONING			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A029	2. TITLE OF DATA ITEM LOGISTICS MANAGEMENT INFORMATION (LMI) SUMMARY			3. SUBTITLE ENGINEERING DATA FOR PROVISIONING (EDFP) (HARD COPY)			
DI-ALSS-81530 SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 3.8.1, 4.3.9		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED SEE BLK 16	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION		
8. APP CODE AD	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16		a. ADDRESSEE See Blk 16		b. COPIES	
						Draft	Final
						Reg	Repro
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 - The contractor shall provide EDFP in accordance with the Provisioning Statement of Work. BLOCK 9 - Distribution Statement A: Approved for Public Release; Distribution is Unlimited; unless proprietary or classified information applies, then distribution statement C applies, and all other requests for this data item shall be referred to PPA. BLOCK 12 - Delivery shall be concurrent with all applicable Data Product Deliverables. Government will provide a letter of approval or disapproval 60 days after receipt of the EDFP. Contractor shall resubmit 30 days after receipt of the Government’s disapproval. BLOCK 13 - Revisions shall be submitted within 60 days after approval of a change by the Government and delivered concurrent with the Design Change Notices. BLOCK 14 – See Distribution List B				15. TOTAL		6	
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0009		B. EXHIBIT L		C. CATEGORY: TDP TM OTHER PROVISIONING			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A030		2. TITLE OF DATA ITEM LOGISTICS MANAGEMENT INFORMATION (LMI) SUPPORTABILITY ANALYSIS SUMMARY (SAS)			3. SUBTITLE PROVISIONING PARTS LIST (PPL)		
DI-ALSS-81530 SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 3.8.1, 4.3.4.1		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED SEE BLK 16	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE AD	11. AS OF DATE AS REQ	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE See Blk 16	b. COPIES			
				Draft	Final		
				Reg	Repro		
16. REMARKS: <u>BLOCK 2</u> – Cover sheet shall include contract and CDRL number. <u>BLOCK 4</u> - Submittal shall be via ICAPS or in accordance with the ICAPS compatible format identified by PAFOS Chapter 4, Appendix K. PPL submittal shall include the data elements requirements as identified by the LMI Worksheet. <u>BLOCK 9</u> - Distribution Statement C. Distribution authorized to U.S. Government agencies and their contractors. Other requests for this document shall be referred to Prime Provisioning Activity (PPA). <u>BLOCK 12</u> - Will be determined at the PGC. The Government will provide a letter of approval or disapproval 60 days after receipt of this data item. The contractor will resubmit 30 days after receipt of the Government's disapproval. <u>BLOCK 13</u> - Revisions shall be submitted within 60 days after approval of a change by the Government, or if Government approval is not required, within 60 days after incorporation of a change when any change is made. <u>BLOCK 14</u> - The contractor shall submit this requirement via direct upload/development in ICAPS C/S, or by submitting ICAPS files/ICAPS compatible format files on compact disks or attached to electronic mail (e-mail). See Distribution List B				15. TOTAL			6
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>					Form Approved OMB No. 0704-0188		
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0009		B. EXHIBIT L	C. CATEGORY: TDP TM OTHER ISS				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A031	2. TITLE OF DATA ITEM LOGISTICS MANAGEMENT INFORMATION (LMI) SUPPORTABILITY ANALYSIS SUMMARY (SAS)			3. SUBTITLE INTERIM SUPPORT ITEMS LIST (ISIL)			
DI-ALSS-81529 SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 3.8.1, 4.3.14		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED SEE BLK 16	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE AD	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE See Blk 16		b. COPIES		
				Draft	Final		
				Reg	Repro		
16. REMARKS: BLOCK 1 – Contractor shall provide the ISIL only after agreed to during the PGC. BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – Provide in accordance with the data requirements and format specified in the LMI Worksheet. BLOCK 9 - Distribution Statement C: Distribution authorized to U.S. Government agencies and their contractors. Other requests for this data item shall be referred to the PPA. BLOCK 12 – Contractor shall deliver 90 days after agreed to during the PGC. Government will provide a letter of approval or disapproval 60 days after provisioning data for ISS. Contractor shall resubmit 30 days after receipt of the Government's disapproval. BLOCK 13 - Revisions shall be submitted within 60 days after approval of a part number change by the Government or when Government approval is not required, 60 days after incorporation of a part number change to the equipment's configuration. BLOCK 14 – The contractor shall submit this requirement via direct upload/development in ICAPS C/S or by submitting ICAPS files/ICAPS compatible format files on compact disks or attached to an e-mail. See Distribution List B				15. TOTAL			6
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188			
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>									
A. CONTRACT LINE ITEM NO. CLIN 0009		B. EXHIBIT L		C. CATEGORY: TDP TM OTHER <u>PROVISIONING</u>					
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. A032		2. TITLE OF DATA ITEM LOGISTICS MANAGEMENT INFORMATION (LMI) SUPPORTABILITY ANALYSIS SUMMARY (SAS)			3. SUBTITLE DESIGN CHANGE NOTICE (DCN)				
DI-ALSS-81529 SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 3.8.1, 4.3.13		6. REQUIRING OFFICE NSWC CRANE CXLL				
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED SEE BLK 16	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION					
8. APP CODE AD	SEE BLK 16	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE See Blk 16		b. COPIES			
					Draft	Final			
					Reg	Repr			
16. REMARKS: <p>BLOCK 1 – If no DCNs are required (when the system or equipment contains no configuration changes during the life of the contract) this data item shall be deleted upon written notification to the Government Contracting Officer.</p> <p>BLOCK 2 – Cover sheet shall include contract and CDRL number.</p> <p>BLOCK 4 – Submittal shall be via ICAPS or in accordance with the ICAPS compatible format identified by PAFOS Chapter 4, Appendix K. DCN submittal shall include the data elements requirements as identified by the LMI Worksheet.</p> <p>BLOCK 9 - Distribution Statement C: Distribution authorized to U.S. Government agencies and their contractors. Other requests for this data item shall be referred to the PPA.</p> <p>BLOCK 12, 13 – Revisions shall be submitted within 60 days after approval of a part number change by the Government; if Government approval is not required, 60 days after incorporation of a part number change to the equipment's configuration. Government will provide a letter of approval or disapproval 60 days after receipt of the DCNs. The contractor will resubmit 30 days after receipt of Government disapproval.</p> <p>BLOCK 14 – The contractor shall submit this requirement via direct upload/development in ICAPS C/S or by submitting ICAPS files/ICAPS compatible format files on 3.5 inch diskettes, compact disks, or attached to an e-mail.</p> <p>See Distribution List B</p>				15. TOTAL					6
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>					Form Approved OMB No. 0704-0188		
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0009		B. EXHIBIT L	C. CATEGORY: TDP TM OTHER PROVISIONING				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A033	2. TITLE OF DATA ITEM LOGISTICS MANAGEMENT INFORMATION (LMI) SUPPORTABILITY ANALYSIS SUMMARY (SAS)			3. SUBTITLE COMPONENT IDENTIFICATION DATA (CID) FOR STATEMENT OF PRIOR SUBMISSION			
DI-ALSS-81529 SEE BLK 16		5. CONTRACT REFERENCE SOW Para. 3.8.1		6. REQUIRING OFFICE NSWC CRANE CXLL			
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED SEE BLK 16	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE AD	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE See Blk 16		b. COPIES		
				Draft	Final		
				Reg	Repro		
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – This data item shall be provided in accordance with the data requirements and format specified in the LMI Worksheet. BLOCK 9 - Distribution Statement C: Distribution authorized to U.S. Government agencies and their contractors. Other requests for this document shall be referred to the PPA/TSA. BLOCK 12 – The SPS shall be submitted 30 days after contract award or as negotiated and finalized at the provisioning Guidance conference (PGC) or as agreed to with the PPA/TSA. Government will provide notification of SPS approval or disapproval 30 days after receipt of the SPS CID. BLOCK 13 - All revisions shall be submitted within 60 days after approval of a change by the Government, or if Government approval is not required, within 60 days after incorporation of a configuration change is made. BLOCK 14 – The contractor shall provide this SPS data using electronic media, e-mail, or as agreed to during the PGC. See Distribution List B				15. TOTAL			6
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. CLIN 0009		B. EXHIBIT L		C. CATEGORY: TDP TM OTHER PROVISIONING			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A034	2. TITLE OF DATA ITEM LOGISTICS MANAGEMENT INFORMATION (LMI) SUPPORTABILITY ANALYSIS SUMMARY (SAS)			3. SUBTITLE COMPONENT IDENTIFICATION DATA (CID) FOR ADVANCED RIC (SEE BLK 16)			
DI-ALSS-81529 SEE BLK 16		5. CONTRACT REFERENCE SOW Para. 3.8.1		6. REQUIRING OFFICE NSWC CRANE CXLL			
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED SEE BLK 16	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE AD	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE See Blk 16		b. COPIES		
				Draft	Final		
				Reg	Repro		
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – This data item shall be provided in accordance with the data requirements and format specified in the LMI Worksheet. BLOCK 9 - Distribution Statement C: Distribution authorized to U.S. Government agencies and their contractors. Other requests for this document shall be referred to the PPA/TSA. BLOCK 12 – Delivery of data needed to request an Advance RIC shall begin eight weeks prior to first installation unless otherwise specified by the Program Manager or TSA. BLOCK 14 – The contractor shall provide this Advance RIC data using electronic media, e-mail, or as agreed to during the PGC. See Distribution List B				15. TOTAL			6
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					Form Approved OMB No. 0704-0188	
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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.						
A. CONTRACT LINE ITEM NO. CLIN 0009		B. EXHIBIT G	C. CATEGORY: TDP <input checked="" type="checkbox"/> TM OTHER			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR	
1. DATA ITEM NO. A053	2. TITLE OF DATA ITEM INSTALLATION CONTROL DRAWINGS			3. SUBTITLE		
DI-DRPR-81242		5. CONTRACT REFERENCE SOW Para. 3.14		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED C	10. FREQUENCY SEE BLK 16	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION		
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION 30 DARC	a. ADDRESSEE See Blk 16		b. COPIES
					Draft	Final
					Reg	Repro
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 8 – Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 days. BLOCK 10 - One set per ship configuration as defined in the statement of work. BLOCK 12 – Due 180 days after contract award for updates to the initial PBL drawings. For new ship sets, 180 days after the receipt of direction to proceed. BLOCK 14 – See Distribution List A				15. TOTAL		3
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0009		B. EXHIBIT L	C. CATEGORY: TDP TM OTHER <u>PROVISIONING</u>				
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A054	2. TITLE OF DATA ITEM LOGISTICS MANAGEMENT INFORMATION (LMI) SUPPORTABILITY ANALYSIS SUMMARY (SAS)				3. SUBTITLE COMPONENT IDENTIFICATION DATA (CID) FOR STATEMENT OF PRIOR SUBMISSION (SPS)		
DI-ALSS-81529 SEE BLK 16		5. CONTRACT REFERENCE SOW Para. 4.3.6, 4.3.7			6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED SEE BLK 16	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION		
8. APP CODE AD	SEE BLK 16	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE See Blk 16		b. COPIES	
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – Provided in accordance with the data requirements and format specified in the LMI Worksheet. BLOCK 9 - Distribution Statement C: Distribution authorized to U.S. Government agencies and their contractors. Other requests for this document shall be referred to the PPA/TSA. BLOCK 12 – The SPS shall be submitted 30 days after contract award or as negotiated and finalized by the Provisioning Guidance Conference (PGC) or as agreed to with the PPA/TSA. Government will provide notification of SPS approval or disapproval 30 days after receipt of the SPS CID. BLOCK 13 - Revisions shall be submitted within 60 days after approval of a change by the Government; or if Government approval is not required, 60 days after incorporation of a change when a configuration change is made. BLOCK 14 – The contractor shall provide this SPS data using electronic media, 3 ½ inch disks, electronic mail, or as agreed to during the PGC. See Distribution List B				Draft		Final	
				Reg		Repro	
				15. TOTAL		6	
G. PREPARED BY David Osmundsen		H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner			J. DATE 9 Sep 09	

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188			
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>									
A. CONTRACT LINE ITEM NO. CLIN 0009		B. EXHIBIT L		C. CATEGORY: TDP TM OTHER PROVISIONING					
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. A055		2. TITLE OF DATA ITEM LOGISTICS MANAGEMENT INFORMATION (LMI) SUMMARY			3. SUBTITLE ENGINEERING DATA (CID) FOR PROVISIONING (EDFP) (DIGITAL)				
DI-ALSS-81530 SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 4.3.9		6. REQUIRING OFFICE NSWC CRANE CXLL				
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED SEE BLK 16	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION					
8. APP CODE AD	SEE BLK 16	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE See Blk 16		b. COPIES			
					Draft	Final			
					Reg	Repr			
16. REMARKS: BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – Contractor shall provide EDFP in accordance with the Provisioning Statement of Work. BLOCK 9 - Distribution Statement A: Approved for public release; Distribution is unlimited; unless proprietary or classified information applies, then Distribution Statement C applies, and all other requests for this data item shall be referred to PPA. BLOCK 12 – Delivery shall be concurrent with all applicable Data Product Deliverables. Government will provide a letter of approval or disapproval 60 days after receipt of the EDFP. Contractor shall resubmit 30 days after receipt of the Government’s disapproval. BLOCK 13 - Revisions shall be submitted within 60 days after approval of a change by the Government and delivered concurrent with the Design Change Notices. BLOCK 14 – One copy of drawings shall be in digital form. The acceptable formats for these engineering drawings are: a. C4 Navy CALS variant (preferred format) b. NAVSEA CAD-2 format c. Native CAD d. MIL-D-2800 IGES data The Government will provide additional guidance at the PGC if requested. See Distribution List B				15. TOTAL					6
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09	I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09			

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188			
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>									
A. CONTRACT LINE ITEM NO. CLIN 0009		B. EXHIBIT L		C. CATEGORY: TDP TM OTHER PROVISIONING					
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. A056		2. TITLE OF DATA ITEM LOGISTICS MANAGEMENT INFORMATION (LMI) SUPPORTABILITY ANALYSIS SUMMARY (SAS)			3. SUBTITLE SYSTEM CONFIGURATION PROVISIONING LIST (SCPL)				
DI-ALSS-81529 SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 4.3.9		6. REQUIRING OFFICE NSWC CRANE CXLL				
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED SEE BLK 16	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION					
8. APP CODE AD	SEE BLK 16	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE See Blk 16		b. COPIES			
					Draft	Final			
					Reg	Repr			
16. REMARKS: BLOCK 1 - If no SCPL required, this data item shall be deleted upon written notification to the Government Contracting Officer. BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – This data item shall be provided in accordance with the data requirements and format specified in the LMI Worksheet or as agreed to during the PGC. BLOCK 9 - Distribution Statement A: Approved for public release; Distribution is unlimited; unless proprietary or classified information applies, then Distribution Statement C applies, and all other requests for this data item shall be referred to PPA. BLOCK 12 – Delivery shall be made during the PGC for Government Furnished Equipment (GFE) and in increments for Contractor Furnished Equipment (CFE). Government will provide approval or disapproval within 60 days after contractor delivery. Contractor shall resubmit 30 days after receipt of the Government’s disapproval. BLOCK 13 - Revisions shall be submitted within 60 days after approval of a change by the Government. BLOCK 14 – The contractor shall use one of the media identified in the LMI Worksheet, or as negotiated with the Government prior to the PGC. See Distribution List B				15. TOTAL					6
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09		

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
<small>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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.</small>							
A. CONTRACT LINE ITEM NO. CLIN 0009		B. EXHIBIT L		C. CATEGORY: TDP TM OTHER ISS			
D. SYSTEM/ITEM AN/SPS-73(V) Radar			E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO. A058		2. TITLE OF DATA ITEM LOGISTICS MANAGEMENT INFORMATION (LMI) SUMMARY			3. SUBTITLE ENGINEERING DATA FOR PROVISIONING (EDFP) FOR INTERIM SUPPORT DATA		
DI-ALSS-81530 SEE BLK 16			5. CONTRACT REFERENCE SOW Para. 4.3.14		6. REQUIRING OFFICE NSWC CRANE CXLL		
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED SEE BLK 16	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE AD	SEE BLK 16	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE See Blk 16		b. COPIES	
					Draft	Final	
					Reg	Repr	
16. REMARKS: BLOCK 1 – The contractor shall provide Engineering Data for Provisioning (EDFP) for Interim Supply Support (ISS) only after agreement during the PGC. BLOCK 2 – Cover sheet shall include contract and CDRL number. BLOCK 4 – The contractor shall provide EDFP in accordance with the Provisioning Statement of Work. EDFP for ISS shall consist of the drawings or technical data that is available at the time the ISIL for interim support is required. Minimum data can be preliminary drawings for the end item/equipment with parts list/bill of materials for the end item/equipment. BLOCK 8 - Government will provide response within 30 work days. If rejected, contractor shall provide resubmittal within 30 work days. BLOCK 9 - Distribution Statement C: Distribution authorized to U.S. Government agencies and their contractors. Other requests for this document shall be referred to the PPA. BLOCK 12 – Delivery shall be concurrent with the Interim Support Item List (ISIL) (CDRL A029). BLOCK 13 - Revisions shall be submitted within 60 days after approval of a change by the Government. BLOCK 14 – Regular copies of drawings shall be in hard copy form or as agreed to during the Provisioning Guidance Conference (PGC). See Distribution List B				15. TOTAL			6
G. PREPARED BY David Osmundsen			H. DATE 9 Sep 09		I. APPROVED BY Kathleen Turner		J. DATE 9 Sep 09

DISTRIBUTION LIST B

Jerry Watkins
PHD NSWC VA Beach Det
488 Sparrow St., Bldg 522
Virginia Beach, VA 23461-2098
Jerry.watkins@navy.mil

Rubin Viera
Washington Navy Yard
1333 Isaac Hull Avenue
PEO-IWS 2RI14, Bldg 197
Washington, DC 20376
Rubin.viera1@navy.mil

John Owens
Port Hueneme NSWC VA Beach Det
488 Sparrow St, Bldg 522
Virginia Beach, VA 23461-2098
John.owens1@navy.mil

Department of the Navy
Commander
ATTN Tracy Pride, Bldg 3168, Code GXR
NAVSURFWARCENDIV
300 Highway 361
Crane, IN 47522-5001
tracy.pride@navy.mil

Department of the Navy
Commander
ATTN Amy Haworth, Bldg 3168, Code CXLL
NAVSURFWARCENDIV
300 Highway 361
Crane, IN 47522-5001
amy.haworth.ctr@navy.mil

Department of the Navy
Commander
ATTN Kathleen Turner, Bldg 3168, Code CXLL
NAVSURFWARCENDIV
300 Highway 361
Crane, IN 47522-5001
kathleen.turner@navy.mil