

**DELIVERY ORDER**

**FINAL**

1. CONTRACT NO. N00178-04-D-4012	2. DELIVERY ORDER NO. 000204	3. EFFECTIVE DATE ORIG 05/28/2004 MOD 03/18/2005	4. PURCHASE REQUEST NO. N61331-05-MR-00754
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5. ISSUED BY NSWC, PANAMA CITY Todd Doucett XPS2 110 Vernon Avenue Panama City, FL 32407-7001 todd.doucett@navy.mil 850-235-5817 Ext.	CODE N61331	6. ADMINISTERED BY NSWC, PANAMA CITY 110 Vernon Avenue Panama City, FL 32407-7001	CODE N61331
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7. CONTRACTOR Anteon Corporation 3211 Jermantown Road, Suite 700, Fairfax, VA 22030 TIN: [REDACTED]	CODE 07MU1	FACILITY	8. DELIVERY DATE See Section F
			9. CLOSING DATE/TIME
			SET ASIDE TYPE
			10. MAIL INVOICES TO See Section G

11. SHIP TO See Section D	12. PAYMENT WILL BE MADE BY DFAS Charleston Vendor Pay Code FP P.O. Box 118054 Charleston, SC 29423-8054	CODE N68892
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13. TYPE OF ORDER	<input checked="" type="checkbox"/> D	<input checked="" type="checkbox"/> X	This delivery order/cell is issued on another Government agency or in accordance with and subject to terms and conditions of above-numbered contract.
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ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.

Anteon Corporation

[REDACTED]  
Director of Contract

NAME OF CONTRACTOR	SIGNATURE	TYPED NAME AND TITLE	DATE SIGNED
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14. ACCOUNTING AND APPROPRIATION DATA  
See Section G

15. ITEM NO.	16. SCHEDULE OF SUPPLIES/SERVICES	17. QUANTITY ORDERED/ACCEPTED*	18. UNIT	19. UNIT PRICE	20. AMOUNT
See the Following Pages					

*If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.	21. UNITED STATES OF AMERICA By: Marjorie A. Dulatt CONTRACTING/ORDERING OFFICER	03/18/2005	22. TOTAL \$313,058
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SECTION	DESCRIPTION	SECTION	DESCRIPTION
B	SUPPLIES OR SERVICES AND PRICES/COSTS	H	SPECIAL CONTRACT REQUIREMENTS
C	DESCRIPTION/SPECS/WORK STATEMENT	I	CONTRACT CLAUSES
D	PACKAGING AND MARKING	J	LIST OF ATTACHMENTS
E	INSPECTION AND ACCEPTANCE		
F	DELIVERIES OR PERFORMANCE		
G	CONTRACT ADMINISTRATION DATA		

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## GENERAL INFORMATION

The purpose of this modification is to extend the performance period to 18 April 2005. No change in cost or fee.

SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

0001 Technical and Engineering Support-CPPF Completion



Item	Supplies/Services Qty	Unit	Est. Cost	Fixed Fee	CPPF
0001AA	AN/KSQ-1 AMPHIBIOUS ASSAULT DIRECTION SYSTEM DESIGN, ASSEMBLY, TESTING AND INSTALLATION SUPPORT (O&MN,N)	1.0 Lot	\$ [REDACTED]	\$ [REDACTED]	[REDACTED]

Item	Supplies/Services Qty	Unit	Est. Cost	Fixed Fee	CPPF
0001AB	Funding for additional costs associated with SubCLIN 0001AA (O&MN,N)	1.0 LH	[REDACTED]		

Item	Supplies/Services Qty	Unit	Est. Cost	Fixed Fee	CPPF
0001AC	Additional funding for an overrun experienced on the tasking under CLIN 0001. (SCN)	[REDACTED] LH	[REDACTED]		

For ODC Items:

Item	Supplies/Services Qty	Unit	Est. Cost
0003	Other Direct Costs		[REDACTED]
0003AA	ODCs in Support of SLIN 0001AA (O&MN,N)	1.0 Lot	[REDACTED]
0003AB	Additional funding for ODCs. (O&MN,N)	1.0 Lot	[REDACTED]
0003AC	. (SCN)	1.0 Lot	\$0
0003AD	ODCs associated with an overrun for costs under CLIN 0003. (SCN)	1.0 Lot	[REDACTED]

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## SECTION C DESCRIPTIONS AND SPECIFICATIONS

See attached statement of work and attachments thereto.

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## SECTION D PACKAGING AND MARKING

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

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## SECTION E INSPECTION AND ACCEPTANCE

Inspection and acceptance for the installations shall take place at the ship.

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## SECTION F DELIVERIES OR PERFORMANCE

### CLIN - DELIVERIES OR PERFORMANCE

The performance period shall be from the date of award through 04-18-05.

## SECTION G CONTRACT ADMINISTRATION DATA

Task Order Manager  
Joseph C. Farmer, R52  
110 Vernon Avenue  
Panama City, FL 32407-7001  
joseph.farmer@navy.mil  
850-230-7593

Contracting Officer  
Marjorie A. Dulatt  
110 Vernon Ave.  
Panama City, FL 32407  
Marjorie.Dulatt@navy.mil  
850-235-5398

Contract Specialist  
Todd Doucett  
110 Vernon Ave.  
Panama City, FL 32407  
Todd.Doucett@navy.mil  
850-235-5817

## SECTION H SPECIAL CONTRACT REQUIREMENTS

### HC20 INCORPORATION OF TECHNICAL PROPOSAL (AUG 2000)

- (a) The contractor's technical proposal is hereby incorporated by reference as a specification. The technical proposal shall have lower precedence than any other specification. Any exceptions to contract clauses or other terms included in the technical proposal shall not apply unless specifically identified in the award document.
- (b) The Contractor shall not change or otherwise deviate from the content of the technical proposal without prior written approval of the Contracting Officer.
- (c) In the event of conflict between the provisions of the technical proposal and any other provisions of this contract (including, but not limited to, the Statement of Work), the conflict shall be resolved in accordance with the clause entitled, Order of Precedence -- Uniform Contract Format (FAR 52.215-8).

### HC24 SECURITY REQUIREMENTS

The Contractor shall comply with DD Form 254, Contract Security Classification Specification, and any documents such as Classification Guides attached thereto or referenced thereon.

### HG1 SUBMISSION OF INVOICES -- COST REIMBURSEMENT

- (a) "Invoice" as used in this clause includes contractor requests for interim payments using public vouchers (SF1034) but does not include contractor requests for progress payments under fixed price incentive contracts.
- (b) The Contractor shall submit invoices and any necessary supporting documentation, in an original and four (4) copies, to the contract auditor at the following address: See clause G12, Cognizant DCAA, unless waived by DCAA. If Electronic Cost Reporting and Financial Tracking (eCraft) is applicable to this contract, provide duplicate information to eCraft.
- (c) Invoices requesting interim payments shall be submitted no more than once every two weeks, unless another time period is specified in the Payments clause of this contract. For indefinite delivery type contracts, interim payment invoices shall be submitted no more than once every two weeks for each order. There shall be a lapse of no more than 30 calendar days between performance and submission of an interim payment invoice.
- (d) In addition to the information identified in the Prompt Payment clause herein, each invoice shall contain



the following information, as applicable:

- (1) Contract line item number (CLIN)
  - (2) Subline item number (SLIN)
  - (3) Accounting Classification Reference Number (ACRN)
  - (4) Payment terms
  - (5) Procuring activity
  - (6) Date supplies provided or services performed
  - (7) Costs incurred and allowable under the contract
  - (8) Vessel (e.g., ship, submarine or other craft) or system for which supply/service is provided
- (e) A DD Form 250, "Material Inspection and Receiving Report", is not required.
- (f) A Certificate of Performance is required unless Electronic Cost Reporting and Financial Tracking (eCraft) is applicable to this contract.
- (g) The Contractor's final invoice shall be identified as such, and shall list all other invoices (if any) previously tendered under this contract. The Government may indicate final acceptance on DD Form 250 or by other appropriate means such as a Certificate of Final Acceptance.
- (h) Costs of performance shall be segregated, accumulated and invoiced to the appropriate ACRN categories to the extent possible. When such segregation of costs by ACRN is not possible for invoices submitted with CLINS/SLINS with more than one ACRN, costs will be allocated on a first-in first-out basis. For example, invoice ACRN A1 until fully expended, followed by ACRN A2 until fully expended, followed by ACRN A3 until fully expended, etc.

#### HH51 AUTHORIZATION FOR USE OF SUBCONTRACTED LABOR

- (a) Authorization to use subcontracted labor consists of two separate and distinct procedures; consent and approval. Subcontracts must meet both the consent and approval requirements of this clause to be considered allowable.
- (b) Consent. Consent to subcontract shall be obtained from the Administrative Contracting Officer (ACO) in accordance with the applicable Subcontracts clause incorporated herein.
- (c) Approval. The Procuring Contracting Officer's (PCO) approval is required for all subcontracts for direct services, i.e., any labor performed by other than bona-fide employees of the contractor, such as "consultants". The existence of an approved purchasing system does not affect the requirement for PCO approval.
- (1) Direct services subcontracts subject to consent requirements. The contractor shall obtain approval by forwarding a request for consent to subcontract to the ACO, via the PCO. The request shall include two copies of the proposed subcontract and a cover letter. The PCO shall review the request for adherence to the contractor's proposal submitted in response to the solicitation that resulted in the basic contract, comment on the source selection and pricing aspects as appropriate, and forward the request to the ACO for final action. The PCO will provide the contractor a copy of the forwarding letter.
  - (2) Direct services subcontracts not subject to consent requirements. The contractor shall obtain approval by forwarding one copy of all direct services subcontracts not subject to consent requirements to the PCO.
  - (3) PCO approval is granted to subcontract with the firms listed below. Subcontract direct services shall be provided only by the following companies and to a maximum of the hours shown for each:

\* Subcontractors Manhours

\* Offerors shall fill in data conforming to their technical and cost proposals.

- (4) The contractor shall obtain PCO approval in writing for all additional firms prior to their performance of any direct services under the contract. The contractor shall fully justify why the additional firms are

necessary for performance, as well as other matters pertaining to selection and pricing.

**HH52 PRIOR WRITTEN PERMISSION REQUIRED TO SUBCONTRACT**

None of the services required by this contract shall be subcontracted to or performed by persons other than the contractor or the contractor's employees without the prior written approval of the Procuring Contracting Officer.

**HH81 TRAVEL COSTS AND RESPONSIBILITIES**

(a) Performance under this contract may require travel by contractor personnel. If travel, domestic or overseas, is required, the Contractor shall be responsible for making all needed arrangements for his personnel. This includes, but is not limited to, medical examinations; immunizations; passports, visas, etc. and security clearances. If any work will take place on a U.S. Navy vessel, the Contractor shall obtain boarding authorization for all contractor personnel from the Commanding Officer of the vessel. Authorization shall be obtained prior to boarding.

(b) The Government will reimburse the Contractor for allowable travel costs incurred by the Contractor in performance of the contract in accordance with FAR subpart 31.2 or 31.3 as applicable.

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## SECTION I CONTRACT CLAUSES

Section I clauses contained in the basic award are applicable if relevant.

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## SECTION J LIST OF ATTACHMENTS

Attachment to Statement of Work (Drawings)  
Electrical Block Diagram  
Contract Data Requirements List, DD Form 1423  
DD254,  
SOW

STATEMENT OF WORK  
FOR  
AN/KSQ-1 AMPHIBIOUS ASSAULT DIRECTION SYSTEM  
DESIGN, ASSEMBLY, TESTING AND INSTALLATION SUPPORT  
NAVAL SURFACE WARFARE CENTER-PANAMA CITY CODE R61

## 1.0 SCOPE

The Amphibious Assault Direction System, AN/KSQ-1, is designed to support the Commander of an Amphibious Task Force (CATF) and Commander of the Landing Force (CLF) during Expeditionary Warfare Operations. The System provides over-the-horizon command and control and situational awareness for all Enhanced Position Location Reporting System (EPLRS) equipped units during the ship-to-shore movement of an Amphibious Assault.

AN/KSQ-1 is presently installed on more than 16 Navy ships and 30 LCAC. Naval Surface Warfare Center - Panama City (NSWC-PC), as Technical Direction Agent (TDA) and In-Service Engineering Agent (ISEA), is tasked to modify the system to address hardware obsolescence, reduce space and weight requirements, and reduce installation costs. This statement of work (SOW) describes the requirements for contractor support to assist NSWC-PC with the technology refresh and upgrade to the current configuration on ships in the USS ESSEX Amphibious Readiness Group (ARG), which is located in Sasebo, Japan. **In order to meet the ARG deployment schedule, this installation team need to be in Sasebo, Japan no later than June 15, 2004.**

## 2.0 APPLICABLE DOCUMENTS

### Military Standards and Specifications

MIL-S-901-D	Shock Test, H.I. (High-Impact) Shipboard Machinery, Equipment, and Systems, Requirements for, 17 Mar 1989
MIL-STD-167-1	Mechanical Vibrations of Shipboard Equipment (Type I Environmental and Type II Internally Excited), 1 May 1974
MIL-STD-454	Standard General Requirements for Electronic Equipment
MIL-STD-461	Electromagnetic Interferences Characteristics, Requirement for

## 3.0 REQUIREMENTS

### 3.1 Overview

NSWC-PC has developed a notional design of the OJ-XXXX Computer Workstation rack's layout and design, which is depicted in the drawings in Attachment A.<sup>1</sup> These racks are designed for the San Antonio (LPD 17) class ships and may be used for other ship classes as needed. The OJ-XXXX Computer Workstation must meet MIL-S-901D (Grade A) shock and MIL-STD-167-1 (TYPE I) vibration standards for a rack located in CCC on a LPD-17 class ship.

Power, signals, and data shall be routed through the rack's common connection panel (Unit 1A4) as shown notionally in Figure 18.

Attachment 2 is a notional block diagram of the workstation configuration.

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<sup>1</sup> Figure and table numbers refer to the drawings in Attachment 1.

### 3.2 Task 1 – Evaluation of OJ-XXXX Computer Workstation

The contractor shall evaluate the proposed rack, recommend changes if needed to meet shock and vibration requirements, construct and assemble the rack, install rack components (see section 4.0 for Government Furnished Materials) and support any testing required to qualify the OJ-XXXX Computer Workstation. Prototypes of the proposed locking brackets shall be constructed.

The government shall provide some rack equipment and rack parts as GFM; however, if the contractor considers that different parts are required to meet shock and vibration standards, he shall make recommendations to the AN/KSQ-1 Project Engineer. Government approval is required before such changes are implemented. The contractor shall specify and purchase DTI shocks to meet shock and vibration requirements.

#### 3.2.1 Locking Brackets

The contractor shall evaluate the locking devices and recommend changes, if needed.

Characteristics of the locking brackets shall be such that:

- a locked bracket cannot come out with the RT-1720 on a sliding shelf.
- a locked bracket cannot come out with the KOK-13 on a fixed shelf.
- the RT-1720 or KOK-13 cannot be removed from the shelf hardware without the locking bracket being properly unlocked first.
- the KOK-13's data loading port cannot be accessed without the locking bracket being properly unlocked first.

Quick and easily removable RT-1720 and KOK-13 mounting brackets are highly desirable. The brackets must satisfy Grade A shock and vibration requirements. The brackets must be easily removable by ship's crew when installed in the workstation.

#### 3.2.2 Rear Connector Panel

A rear connector panel for Unit 1A4 shall be evaluated to use connectors specified in Tables 1 through 4. See example in Figure 18. This panel shall provide the external interface to equipments within the rack. Some connectors must be as specified below; others can be chosen by the contractor.

3.2.2.1 A single stainless steel tube with a hose fitting shall be used to interface both of the RT-1720 radio's pressure sensing ports to the ship's pressure vent tubing. The rack's internal pressure vent tubing shall use quick disconnecting connectors on each of the radio's pressure vent ports. This connection shall be labeled "X1 – ATMOSPHERIC PRESSURE VENT."

3.2.2.2 A single "TAC-4" rack style power connector shall be used to interface the rack's combined Uninterruptible Power Supply (UPS) / Power Distribution Unit (PDU) to ship's power. This connector shall be labeled "J1 – PWR."

3.2.2.3 A single jack (M28840/12AB1P1, the usual GPSIU GPS jack) shall be used to connect to the J-box to provide NAVSSI or GPS feed. This connector shall be labeled "J2 – NAVSSI TMDB DATA."

3.2.2.4 A single RJ45 jack shall be used to connect to the J-Box. This connector shall be labeled "J3 – ETHERNET DATA."

3.2.2.5 Two doubled-ended female flange mount "N" connectors will be used to interface radio antenna ports with antennas located outside the rack. These connectors shall be labeled "J4 – ANT ENM RADIO NO. 1" and "J5 – ANT PLI RADIO NO. 2."

### 3.2.3 Shocks

The contractor shall specify and purchase DTI shocks (six sets) to meet shock and vibration requirements. Four set of shocks shall be purchased and installed on the USS ESSEX ARG workstations. The remaining two sets shall be installed on the workstations that will support the shock and vibration tests. See the Interconnect Control Drawings (ICDs) for general appearance and approximate size of DTI shocks.

### 3.3 Task 2 – Documentation for Evaluation of the OJ-XXXX Computer Workstation

The contractor shall document the evaluation of the OJ-XXXX Computer Workstation by specifying how the GRADE A shock requirements are met [CDRL A001].

3.3.1 Fabricate and assemble four (4) each of the RT-1720 Locking Bracket (both Army-style and NSWC-PC proposed Locking Brackets). These brackets shall be delivered within 15 days of award.

3.3.2 OJ-XXXX Computer Workstation Pre-Shock Final drawings [CDRL A002] shall be delivered within 15 days of award. The following is a list of drawings:

- Tabular Data Drawing
- Tabular Parts List Drawing
- Unit Breakdown Drawing
- Electrical Block Diagram
- Outline and Mounting Drawings
- KOK-13 Mounting Bracket Fabrication Drawings
- RT-1720 Mounting Bracket Fabrication Drawings
- KOK-13 Locking Bracket Fabrication Drawings
- RT-1720 Locking Bracket Fabrication Drawings
- Layout Drawings
- Shock Mount Assembly Drawings
- Shock Mount Plate/Footings Fabrication Drawings
- Rear Panel Fabrication Drawings
- Assembly Drawings
- Cable Running Sheets

The government shall provide the contractor with Pre-Shock Preliminary fabrication drawings. The contractor shall provide these Pre-Shock Final drawings for government approval of the layout. Two-dimensional drawings are required; three-dimensional models are preferred.

The government shall review the drawings and provide comments within 5 working days of delivery. The contractor shall then incorporate the government comments to produce Final drawings and deliver them within 10 days after receipt of comments. These drawing shall be considered complete and final until updates are required from the results of shock and vibration testing.

All drawing soft copies shall be capable of importation to AutoCAD for configuration control and modification and DXF and DWF formats for viewing and sharing with other entities. Use DXF and DWF formats commonly associated with AutoCAD drawing program.

### 3.4 Task 3 – OJ-XXXX Computer Workstation Assembly for Shock Qualification

The contractor shall fabricate and assemble two OJ-XXXX Computer Workstations. One OJ-XXXX Computer Workstation shall be delivered 30 days after award. The other workstation shall be delivered no later than 60 days later.

Four sets of Army-style Locking Brackets with the associated mounting brackets shall be fabricated for rack assembly. These brackets shall be installed in both OJ-XXXX Computer Workstation racks. Two sets of the NSWC-PC proposed Locking Brackets with associated RT-1720 mounting brackets shall also be fabricated for prototyping purposes and delivered with the racks.

### 3.6 Task 4 – Support for OJ-XXXX Computer Workstation Shock and Vibration Testing

NOTE: This task may not be funded by the program sponsor, but a separate cost estimate is requested for planning purposes.

After fabrication and assembly, the OJ-XXXX Computer Workstation must be certified to conform to shock and vibration requirements outlined in MIL-S-901-D (Grade A) and MIL-STD-167-1 (Type I). Dummy weights for COMSEC equipment shall be fabricated and installed in the workstation. Contractor support may be required to support delivery and installation at the test site, repair during testing, and return of the rack to NSWC-PC. The contractor will not be required to conduct the actual shock and vibration testing of the assembled rack under this contract.

#### 3.6.1 Test Documentation

The contractor shall prepare test descriptions detailed enough that personnel unfamiliar with the OJ-XXXX Computer Workstation can conduct appropriate testing. One version is required for Shock Testing [CDRL A003] and one for Vibration Testing [CDRL A004]. Draft versions are due 30 days after award of this task. The government shall review and provide comments within 10 days. The contractor shall revise the documents and deliver final versions at least 15 days prior to testing.

#### 3.6.2 Post-Shock Rack Re-design and Re-assembly

The contractor shall support re-design, fabrication and re-assembly of the OJ-XXXX Computer Workstation if it does not meet shock and vibration requirements. At least one redesign iteration is anticipated. Final post-shock drawings [CDRL A005] shall be modified to reflect the changes in the OJ-XXXX Computer Workstation. These drawings are due NLT 1 November 2004.

The contractor shall modify the OJ-XXXX Computer Workstation for additional testing, if required. Damaged GFM will be replaced by the government. Damage to the rack and fabricated parts shall be corrected by the contractor. The contractor shall install replacement GFM in the rack. Transportation of GFM to and from the test site shall be the contractor's responsibility.

### 3.7 Task 5 – Installation Support for AN/KSQ-1 Amphibious Assault Direction System

The Contractor shall provide installation support to NSWC PC in the installation of equipment on the USS ESSEX, USS JUNEAU, USS FT. MCHENRY, USS HARPER'S FERRY, LCAC TBD, LCU 1651 and LCU 1634. The Ship Check Information Book will be provided as Government Furnished Information (GFI) to support these installations. The contractor shall provide NSWC PC with any support and service requirements they may have at the installation site. During the installation period, the contractor shall also provide NSWC PC local points of contacts for miscellaneous services as needed.

3.7.1 USS ESSEX Installation. The contractor shall assemble and install the AN/KSQ-1 Block 1 computer workstation components and equipment on the USS ESSEX in accordance with TEMPALT T-TBD and the USS ESSEX ship check information book. The computer components shall be assembled in an A&J 60" medium duty rack. The contractor shall fabricate all necessary adapters and mounting foundations. This effort shall include the re-routing, repair, replacement and/or relocation of previously installed cables, vent piping, antennas and equipment where necessary. The contractor shall provide cable, connectors and all installation materials. Transportation of GFM to and from the installation site shall be the contractor's responsibility.



The contractor shall also remove the previous installed computer workstation mounting foundation from the USS ESSEX. NOTE: This task may not be funded by the program sponsor, but a separate cost estimate is requested for planning purposes.

3.7.2 USS JUNEAU Installation. The contractor shall assemble and install the Block 1 computer workstation components and equipment on the USS JUNEAU in accordance with TEMPALT T-TBD and the USS JUNEAU ship check information book. The computer components shall be assembled in an A&J 60" medium duty rack. The contractor shall fabricate all necessary adapters and mounting foundations. This effort shall include the re-routing, repair, replacement and/or relocation of previously installed cables, vent piping, antennas and equipment where necessary. The contractor shall provide cable, connectors and all installation materials. Transportation of GFM to and from the installation site shall be the contractor's responsibility.

3.7.3 USS FT. MCHENRY Installation. The contractor shall assemble and install the Block 1 computer workstation components and equipment on the USS FT MCHENRY in accordance with TEMPALT T-TBD and the USS FT. MCHENRY ship check information book. The computer components shall be assembled in an A&J 60" medium duty rack. The contractor shall fabricate all necessary adapters and mounting foundations. This effort shall include the re-routing, repair, replacement and/or relocation of previously installed cables, vent piping, antennas and equipment where necessary. The contractor shall provide cable, connectors and all installation materials. Transportation of GFM to and from the installation site shall be the contractor's responsibility.

3.7.4 USS HARPERS FERRY Installation. The contractor shall assemble and install the Block 1 computer workstation components and equipment on the USS HARPERS FERRY in accordance with TEMPALT T-TBD and the USS HARPERS FERRY ship check information book. The computer components shall be assembled in an A&J 60" medium duty rack. The contractor shall fabricate all necessary adapters and mounting foundations. This effort shall include the re-routing, repair, replacement and/or relocation of previously installed cables, vent piping, antennas and equipment where necessary. The contractor shall provide cable, connectors and all installation materials. Transportation of GFM to and from the installation site shall be the contractor's responsibility.

3.7.5 LCU 1634 and 1651 Craft Installation. The contractor shall install the Block 1 equipment of the AADS on craft 1634 and 1651 in accordance with CRAFTALT TBD and the LCU craft check information book.

3.7.6 LCAC TBD Craft Installation. The contractor shall provide technical support for the AADS project by assisting NSWC PC with installation of Temporary LCAC Craft Alteration (TBD) on LCAC TBD in accordance with CRAFTALT TBD and the LCAC craft check information book

### 3.8 TRAVEL

The requirements of this statement of work shall require the contractor to travel to the following sites.

#Trips	#Persons	#Days	Destination
1	4	21	Sasebo, Japan
1	4	7	Sasebo, Japan
1	1	5	Sasebo, Japan

## 4.0 GOVERNMENT FURNISHED PROPERTY

### 4.1 Government Furnished Information

The government shall provide the preliminary drawings, interconnect control drawings, and ship check information books within 5 days after contract award. The contractor shall return all GFI to the government when the effort is completed.

### 4.2 Government Furnished Material

The government shall provide the contractor the following items for assembly of the OJ-XXX Computer Workstations:

- Six sets (1 set per rack) of equipment listed below:
  - One Industrial PC blade computer, model SR-157
  - One Recortec keyboard/Trackball rack mount drawer, model 214R
  - One SAIC 19" flat panel LCD monitor, part number 179-32806
  - One Uninterruptible Power Supplies (UPSs), PowerStar model PS-6000-ISO-GRADEA
  - One 8-Switch A & J 8 Switch Power Panel part number 150-274
  - One A & J Medium Duty Rack, part number 60-D1-1062 with rear RETMA rails, 0.125-inch thick side panels, and 0.125-inch thick rear panel
  - Two A & J sliding shelves, part number 150-605
  - One A & J Slide Plate Assembly, part number 150-195
  - Two A & J fixed shelves, part number 150-005
  - Three A & J Cable retractor, part number 150-080-2
  - One Volgen 24VDC Power Supply, part number SX150U-24S
  - Four sets of connectors listed in the table below:

Connectors Internal To The Rack				
Quantity	Description	Manufacturer/ Part Number	MIL- SPEC Number	Comments
1	Power Jack		MS3400D 20-4P Use Backshell to protect receptacle MS85049/11-31W	MIL-C-5015
1	GPS/NAVSSI jack	M28840/12AB1P1		NSN 5935-01-166-2880
2	Flange Mount Female to Female N-Adaptor for EPLRS radio antenna cable	Delta 1125-000-A330 Diamond/Gremar 5618 ITT/Canon 150267-3000 Tru Tru-2033		50 Ohm
4	90° male coaxial cable N-connector	Amphenol FXR/IPC 82-4357	M39012/05-0101	M17/75-RG214 cable
1	RJ-45 Panel Mount Jack	LCOM WJR2FB5		PH 1-800-343-1455 1 Inch Knockout opening. Punch through connector. Use heat shrink tubing to cover back.

-- Four sets of the cables listed in the table below:

Wire/Cable Internal To The Rack					
Quantity	Description	Manufacturer/Part Number	MIL- SPEC Number	Comments	Diameter
10 Feet	3 connector power cable		M24643/43-15uo		.427 Inches
15 Feet	CAT5 Ethernet				

Wire/Cable Internal To The Rack					
Quantity	Description	Manufacturer/Part Number	MIL- SPEC Number	Comments	Diameter
	cable				
10 Feet	RG214 coaxial cable for EPLRS antenna cables	CCI/SAXTON 8421F	M17/75-RG214	MIL-C-17 OLWG7	
20 Feet	RT-1720 to J-Box cable	M24640/9-02UO Type 2XSO-7	MIL-DTL-24640/9D		.47 Inches

## 5.0 DATA DELIVERABLES

All data deliverables shall be delivered in accordance with the schedules and conditions specified in the attached Contracts Data requirements List (CDRL), DD Form 1423, Exhibit A.

Data deliverables shall be provided in hard and soft copy. Document softcopy shall be compatible with Microsoft Word 2000 and Adobe Acrobat Viewer version 3.X through 6.X. The contractor shall provide all softcopy on CD-R media.

## 6.0 PERIOD OF PERFORMANCE

The period of performance is from date of award until 30 December 2004.

## 7.0 SECURITY

The highest security classification for work under statement of work is SECRET. Access to classified documents and data will be required, but all deliverables shall be unclassified. The contractor shall ensure that all personnel assigned to the delivery order are certified for the appropriate security classification. The contractor shall follow all security procedures dictated and as required by the DD Form 254, Department of Defense Contract Security Classification Specification. The contractor shall be qualified to handle COMSEC gear such as KOK-13/TSEC, AN/CYZ-10, RT-1720(C), and KYK-13; and COMSEC key material.

Classified information shall not be transferred electronically or telephonically over unsecured nets. Safeguarding of classified data and information are defined in DoD 5520.22-M and DoD 5200.1-R. All unclassified portions of such data and information shall be defined as sensitive information and be protected under Public Law 100-235. Paragraphs 8.0 and 9.0 apply to protection of sensitive as well as classified information regardless of the media on which it is stored.

## 8.0 DISTRIBUTION LIMITATION STATEMENT

Technical documents generated under this delivery order shall carry the following Distribution Limitation Statement. Word processing files shall have the statements included on the cover page of any resultant hard copy. Each delivered diskette shall be marked externally with the statements:

**DISTRIBUTION STATEMENT D:** Distribution authorized to the Department of Defense and U.S. DoD Contractors; administrative/operational use; (Date of determination). Other requests for this document shall be referred to COMNAVSEASYS COM (PMS 377).

**DESTRUCTION NOTICE** - For classified documents, follow procedures IN DOD 5220.22-M, National Industrial Security Program Operating Manual, Chapter 5, Section 7 or DOD 5200.1-R, Information Security Program Regulation. For unclassified, limited documents, destroy by any method that will prevent disclosure of contents or reconstruction of the document.

## 9.0 RELEASE OF INFORMATION

All technical data provided to the contractor by the government shall be protected from public disclosure in accordance with the markings contained thereon. All other information relating to the items to be delivered or services to be performed under this contract may not be disclosed by any means without prior approval of the authorized representative of the Contract Officer. Dissemination of public disclosures includes, but is not limited to: permitting access of such information by foreign national or by any other person entity, publication of technical or scientific papers, advertising, or any proposed public release. The contractor shall provide adequate physical protection of such information so as to preclude access by any person or entity not authorized such access by the government.

## 10.0 PERFORMANCE BASED REQUIREMENTS

This requirement is performance based. The standards for performance, the acceptable quality level (AQL) and incentives are defined as follows:

Required Service	Standard	AQL Requirement	Method of Surveillance	Positive/Negative Incentive
On time Final Data Deliverables	Delivered on or before due date	90% delivered on time	TOM/technical POC verification of delivery	10% reduction in fee if AQL requirement is not met
Quality of Final Data Deliverables	Acceptable quality with no major rewrites required	No major rewrites required	TOM/technical POC review of documentation	10% reduction in fee if AQL requirement is not met
Completion of tasks within estimated cost	Satisfactory completion of all tasks within the estimated cost	Final cost at or below estimated cost of the order	Review of final payment voucher	Incentive payment equal to 10% of cost under run