

COMMON AFLOAT LOCAL AREA NETWORK INFRASTRUCTURE

(CALI)

ATTACHMENT ONE

STATEMENT OF WORK (SOW)



16 April 2009

Prepared for:

**Department of the Navy (DoN)
Program Executive Office (PEO)
For Command, Control, Communications, Computers and Intelligence (C4I)**

**Program Management, Warfare
Tactical Networks (PMW 160)**

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1.0 SCOPE

1.1 INTRODUCTION

The Common Afloat Local Area Network Infrastructure (CALI) Contract is a multiple award, Indefinite Delivery – Indefinite Quantity (IDIQ) contract whose purpose is to procure Navy network infrastructure, related hardware and support to the fleet. PMW 160, the Navy's Tactical Networks Program Office under PEO C4I is the lead developer and predominant user of the CALI Contract. However, the Government anticipates that multiple other PMWs within PEO C4I and Team SPAWAR will also use the CALI Contract as a vehicle to support PEO C4I goals to achieve an integrated C4I portfolio by delivery of C4I Information Technology (IT) systems utilizing common computing components. The contract will also be available to PEO Integrated Warfare Systems (IWS) to support their networking requirements. The three main focus areas of this contract are: Production, Engineering, and Common Computing Environment (CCE) Components.

1.2 BACKGROUND

The contract vehicle predominantly utilized to purchase networks, networking products, related hardware and services within PEO C4I is PEO Submarines' Q70 contract. Specifically, the Q70 contract is used to acquire the following previously developed production systems: Combined Enterprise Regional Information Exchange System – Maritime (CENTRIXS-M), Integrated Shipboard Network System (ISNS), and Sensitive Compartmented Information (SCI) Networks from PMW 160; Navy Tactical Command Support System (NTCSS) from PMW 150, and Common Submarine Radio Room (CSRR) from PMW 770. Other systems that are not currently using the Q70 contract, but support PEO C4I IT goals including Submarine Local Area Network (SubLAN), may also utilize the CALI Contract as part of the PEO C4I IT portfolio.

The network systems named above will eventually be subsumed under the future network system Consolidated Afloat Networks and Enterprise Services (CANES). CANES Full Operational Capability (FOC) is planned to occur in 2017. The Q70 contracts are scheduled to expire in July 2010; therefore, the CALI contract vehicle is required for the acquisition and support of the above legacy network systems, which will remain in the Fleet until CANES reaches FOC.

1.3 SCOPE

The purpose of this contract is to procure Navy Network infrastructure, related hardware and support to the fleet. The three main focus areas of this contract are: Production, Engineering, and Common Computing Environment (CCE) Components. The contract also encompasses the functions needed to support these three main areas such as Integrated Logistics Support (ILS), Configuration Management (CM), Test and Evaluation (T&E), Quality Assurance (QA), and Installation Support. Specific requirements will be defined in subsequent individual Task

Order/Delivery Orders (TO/DOs). Individual TO/DOs may be Firm Fixed Price, Cost Plus Award Fee, Cost Plus Incentive Fee or Cost Plus Fixed Fee, depending on the particular requirement. Service TO/DOs will be performance based to the maximum extent practicable.. Contracting Officer's Representatives (CORs) will be assigned for each TO/DO.

2.0 APPLICABLE DOCUMENTS

The Contractor shall adhere to the following documents. Additional applicable documents will be cited as necessary in individual TO/DOs.

	Document Number	Title
1.	http://nesipublic.spawar.navy.mil/	Net-Centric Enterprise Solutions for Interoperability (NESI)
2.	MIL-HDBK-502	Acquisition Logistics
3.	MIL-HDBK-881	Work Breakdown Structure for Defense Material Items
4.	DoD 5000.2	Defense Acquisition Program Procedures
5.	ISO-9000	International Organization for Standardization, Quality Management Principles
6.	ISO-10303 AP 201:1994	Industrial Automation Systems and Integration, Application protocol
7.	DoD 5000.1	The Defense Acquisition System
8.	ISO/IEC 15288: 2002	Information Technology - System Life Cycle Processes
9.	NAVSEA SL720-AA-MAN-010/020	Fleet Modernization Program (FMP) Management and Operations Manual
10.	EIA-649-A	Electronic Industries Alliance, National (US) Consensus Standard on Configuration Management
11.	EIA-632	Electronic Industries Alliance, Processes for Engineering a System
12.	TIA/EIA-TSB-31-B	Telecommunications Industry Association/ Electronic Industries Alliance, Part 68 Rationale and Measurement Guidelines

	Document Number	Title
13.	SPAWAR Instruction 5721.1A	Section 508 Implementation Policy
14.	IEEE 1220	Institute of Electrical and Electronics Engineers, Standard for Application and Management of the Systems Engineering Process
15.	DoD Instruction 8320.04	Item Unique Identification (IUID) Standards for tangible Personal Property
16.	DoD CIO Memo	Support of SmartBUY Initiative
17.	ASME Y14.100	American Society of Mechanical Engineers, Engineering Drawing Practices
18.	ASN MOR	ASN Memorandum for the Record, 02 November 1999, DON Policy on DON Logistics Technical Data
19.	SECNAVINST 5000.2C	Implementation And Operation Of The Defense Acquisition System And The Joint Capabilities Integration And Development System
20.	NAVSEAINST 4160.3	Technical Manual Management Program (TMMP)
21.	SPAWARINST 4160.3B	Procedures and Responsibilities for Technical Manual Management Operations and Lifecycle Support
22.	SPAWARINST 4105.1	Conduct of Logistics Assessment and Certification for Acquisition Programs and Systems.
23.	SPAWARINST 4105.2	Integrated Logistics Support Certification Process for Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) Systems.
24.	SSC- PAC	CMATT Input Tool Users Guide, SPAWAR Systems Centers San Diego, Codes 2651/2652.
25.	OPNAVINST 1500.76A	Navy Training System Requirements, Acquisitions, and Management
26.	ASME Y14.100	Engineering Drawing Practices

	Document Number	Title
27.	MIL-DTL-24784B (SH)	Manuals, Technical: General Acquisition and Development Requirements
28.	MIL-DTL-24784/20B (SH)	Associated Detail Specification Digital Systems Manual Requirements.
29.	MIL-PRF-28001C	Markup Requirements and Generic Style Specification for Exchange of Text and its Presentation.
30.	MIL-PRF-28002C	Raster Graphics Representation in Binary Format.
31.	MIL-STD-38784	Standard Practice for Manuals, Appendix C Document Technical.
32.	MIL-STD-1309	Definition of Terms for Testing, Measurement and Diagnostics
33.	MIL-STD-1840C	Automated Interchange of Technical Information
34.	MIL-STD-1686	Electronic Discharge Control Program for Protection of Electrical and Electronics Parts, Assembly and Equipment
35.	MIL-P-24534A	Planned Maintenance System: Development of Maintenance Requirements Cards, Maintenance Index Pages, and Associated Documentation
36.	MIL-STD-129P	Military Marking for Shipment and Storage
37.	MIL-STD-130N	Identification Marking of U.S. Military Property
38.	MIL-P-15024/5	Plate Identification
39.	MIL-STD-196E	DOD Standards Practice, Joint Electronics Type Designation System
40.	MIL-STD-2073	DoD Standard for Military Packaging
41.	MIL-STD-882D	Department of Defense Standard Practice For System Safety
42.	OPNAVINST 4790.4 Vol 1	Navy Maintenance and Material Management (3M

	Document Number	Title
		Systems), Planned Maintenance System (PMS)
43.	NAVSEA 9090-310	NAVSEA Technical Specification 9090-310
44.	NAVSEA SL720-AA-MAN-030 (section 6)	Surface Ship and Carrier Entitled Process for Modernization, Management & Operations Manual
45.	NAVSEA SL720-AA-MAN-020 Vol. 2 Tech Spec 9090.310E appendix C	Alterations to Ships Accomplished by Alteration Installation Teams
46.	ASN RDA memo July 2007	Software Process Improvement Guidance for Use of Software Process Improvement Contract Language
47.	https://acc.dau.mil/CommunityBrowser.aspx?id=22100&lang=en-US	Open Architecture Guidance

3.0 REQUIREMENTS

3.1 TECHNICAL REQUIREMENTS

Technical Requirements fall into three primary focus areas: Production, Engineering, and CCE Components. These areas are described in more detail below. While an individual TO/DO may fall into one or more of these focus areas, the TO/DO will typically include general support as defined in Section 3.2. The Contractor may be required to provide one or more of the types of technical support in this SOW to meet the requirements and performance objectives identified in the TO/DO.

3.1.1 Production

The CALI Contract provides for the procurement of production end items as well as services and support for systems, racks and components. Production of end items includes the assembly, integration and testing of systems, components or racks to meet engineering specifications, drawings or other information contained in Technical Data Packages (TDPs), and/or other supporting documentation. Production services include the forecasting, planning, identification and resolution of support systems or components that have reached End of Life (EOL), are no longer supported by their Original Equipment Manufacturer (OEM) and/or are in need of replacement. When these situations arise, the Contractor shall utilize the Common Product Specifications (CPS) to the maximum extent possible, and as detailed in individual TO/DOs. Production support includes the review, development, revision and submission of system and

component product data such as TDPs, production drawings and information, engineering drawings, specifications, manuals, configuration documentation, control documentation, quality assurance provisions, and commercial item descriptions.

The Contractor shall ensure that all equipment delivered under this contract functions properly as tested in established Factory Acceptance Testing and demonstrates conformance with any additional requirements specified in the TO/DO. The Contractor shall provide production solutions which may include the following:

1. Procure, develop, assemble, configure, test and modify hardware and software in support of system or component production and integration
2. Support rack/hardware production based on engineering specifications, drawings, and other types of configuration documentation
3. Perform product recall and obsolescence support including the identification and integration of replacement parts, components or systems to meet system supportability and reliability requirements and maintain continuity of service
4. Develop, document and maintain form, fit and function requirements and performance specifications for systems, components and parts
5. Develop, document and maintain system design and configuration documentation including Build To Print (BTP) engineering drawings for systems, components and parts
6. Develop, document and maintain other types of technical documentation including software configuration and interface control documents for systems, components and parts

3.1.2 Engineering

The CALI Contract provides for the procurement of engineering services which include the application of systems engineering principles and activities for the production, development, testing and integration of systems, components or racks. Systems engineering activities will ensure equipment and equipment modifications meet system, product, and design specifications and comply with configuration baseline documents. Engineering services may also be required for supporting systems or components that reach EOL to allow for modification, redesign, or complete replacement. When EOL situations arise, the contractor shall utilize the Common Computing Environment Components to the maximum extent possible, and as detailed in individual TO/DO. Specific requirements, including performance objectives and measures, will be identified in the individual TO/DO. Engineering services include the following activities, services or support.

1. Develop, procure, integrate and test systems including extending, upgrading, or enhancing existing systems; modify designs or system configurations for various platforms or uses

2. Evaluate configuration alternatives; including conducting cost analyses, risk analyses, and performance predictions
3. Evaluate designs and concepts including tradeoff analyses, cost analyses, risk assessments, mathematical analyses, analytical models, performance predictions, simulations, and prototypes
4. Provide engineering services to mitigate risks associated with system or component EOL including: perform analyses of system/component lifecycle; identify replacement components; procure and integrate replacement components; track and report on system and component lifecycle
5. Perform reverse engineering to identify the technological principles of a system, component or part through analysis of its structure, configuration, assembly, function and operation
6. Provide installation support services, testing, documentation, and technical support
7. Provide on-call and/or on-site services in support of routine, scheduled and emergency maintenance activities
8. Provide Human System Integration (HSI) analysis to influence design for optimum combined human/machine system performance; ensure that system conforms to the capabilities and limitations of the operator, administrator, maintainer, and other support personnel; improve control of the total life cycle costs of the system; ensure system safety and compliance with health standards

3.1.3 Common Computing Environment Components

The CALI Contract provides for the procurement of subsystems, equipment and components which support a CCE in varying quantities. CCE components will be required to support application development, laboratory systems, test beds, deployed assemblies, spare kits, spare parts, and other uses. Examples of CCE components are servers, storage, human machine interface devices, switches, routers, licenses for non-Enterprise Software Initiative/SmartBUY purchases, media converters, power distribution, etc. CCE offered on the CALI Contract shall consist of Commercial Off the Shelf (COTS) and Non-Developmental Items (NDI) products.

3.2 GENERAL SUPPORT REQUIREMENTS

General Support describes activities required to support the main areas of the CALI Contract in Section 3.1 or in support of other requirements. The Contractor may be required to provide one or more of the types of general support in this SOW to meet the requirements and performance objectives identified in the TO/DO.

3.2.1 Integrated Logistics Support

The Contractor may be required to provide ILS or develop, maintain and support an ILS program in order to meet the requirements and performance objectives identified in the individual TO/DO.

3.2.1.1 Maintenance Planning

Maintenance planning establishes the maintenance requirements necessary during the lifecycle of a system to achieve, maintain, and restore operational capabilities. While many systems being supported by the CALI Contract are legacy, maintenance planning may be required to address system design changes or new designs as a result of systems or components reaching EOL. The Contractor may be required to perform or support one or more of following maintenance planning activities:

1. Define the maintenance support necessary to ensure that the system attains the specified system readiness objectives with a minimum impact to life cycle cost
2. Set up specific criteria for repair, testability, reliability, and maintainability; support equipment requirements; manpower skills and facility requirements
3. Develop and/or update Planned Maintenance System (PMS) documentation (Maintenance Index Pages/Maintenance Requirements Cards) based on the Reliability Centered Maintenance (RCM) analysis methodology in accordance with MIL-P-24534A (Navy).
4. Identify all preventive maintenance tasks and corrective maintenance tasks to be performed on the system. Preventive maintenance tasks are scheduled tasks intended to prevent failure during system operation. Corrective maintenance responds to failures that have occurred and restores the system to operational condition.
5. Address warranty considerations

3.2.1.2 Supply Support

Supply Support consists of activities, procedures, and techniques necessary to acquire, catalog, receive, store, transfer, issue and dispose of spares, repair parts, and supplies. The primary focus of supply support is to have the right spares, repair parts, and supplies available, in the right quantities, at the right place, at the right time, and at the right price. The supply process includes provisioning for initial support, as well as acquiring, distributing, and replenishing inventories. The Contractor may be required to provide supply support including one or more of the following activities:

1. Acquire support items and spare parts.
2. Identify and catalog the items.
3. Receive the items.
4. Store and warehouse the items.
5. Transfer the items to where they are needed.
6. Issue the items.
7. Dispose of secondary items.
8. Provide for initial support of the system.
9. Acquire, distribute, and replenish inventory.

The Contractor may be required to develop and deliver Provisioning Technical Documentation (PTD) in an Interactive Computer Aided Provisioning System (ICAPS) compatible format. Supplemental provisioning documentation including engineering drawings, Vendor Control Documents, Vendor Catalog Pages, and Vendor Specifications Sheets may also be required. The provisioning data provided by the Contractor should enable the Government inventory control point to perform inventory management support for designated lowest replaceable assemblies/units.

As part of supply support the Contractor may also be required to maintain the Readiness Based Sparing model and/or Allowance Parts List for a specific system, item or component. Specific supply support requirements will be identified in the TO/DO.

3.2.1.3 Support and Test Equipment

Support and test equipment, mobile and fixed, may be required to perform system support or testing functions. Support and test equipment shall not include equipment that is considered an integral part of the system. The Contractor shall provide a proposed support and test equipment recommendations including one or more of the following:

1. Handling and maintenance equipment
2. Tools
3. Metrology and measurement devices
4. Calibration equipment
5. Test equipment
6. Automatic test equipment
7. Support equipment for on- and off-equipment maintenance
8. Special inspection equipment
9. Maintenance plant equipment

3.2.1.4 Manpower and Personnel

Manpower and personnel may be required for the contractual lifecycle support of systems or components. Manpower and personnel requirements will be based on the individual TO/DO and system or component ILS specifications for support. Support activities shall be performed in coordination with Government or other contractor personnel. The Contractor may be required to provide Manpower and personnel lifecycle system support including the following:

1. Component repair
2. Configuration management
3. Customer support
4. Engineering

5. Equipment management
6. Equipment operations
7. Help desk support
8. Inventory management
9. Maintenance support (routine, preventative, unscheduled, and emergency)
10. Network management
11. Quality assurance
12. Spares support and management
13. System administration
14. System upgrades (hardware/software)
15. Technical assistance
16. Troubleshooting
17. Warehousing support and management

3.2.1.5 Training and Training Support

Training and training support includes the processes, procedures, techniques, training devices, and equipment used to train civilian, active duty and reserve military personnel to operate and support naval systems. This includes individual and crew training, new equipment training, and logistics support planning for training equipment and devices. Training support may entail the development of training requirements, programs or platforms, manuals, training aids, and other types of training documentation. Training may be provided in classroom, via video teleconferencing or as part of a computer-based training program. The Contractor may be required to provide training and training support to meet the requirements and performance objectives specified in the individual TO/DO.

3.2.1.6 Technical Data

Technical data support consists of the development, maintenance, and revision of technical data and technical documentation consisting of scientific or technical information necessary to translate system requirements into discrete engineering, production, and logistic support documentation. Technical data and technical documentation include technical manuals, TDPs, software documentation, product support data, component lists, and maintenance allocation charts. The Contractor may be required to provide technical data support to meet the requirements and performance objectives identified in the individual TO/DO.

3.2.1.7 Computer Resources Support

Computer Resources Support includes the facilities, hardware, software, documentation, manpower, and personnel needed to operate and support stand alone and embedded computer systems, databases, interfaces and related software. The Contractor may be required to provide computer resources support to meet the requirements and performance objectives identified in the individual TO/DO.

3.2.1.8 Facilities

Facilities include the permanent, semi permanent, or temporary real property assets required to support the system or systems, including conducting studies to define facilities or facility requirements and improvements, location, space needs, utilities, environmental requirements, real estate requirements and equipment. The Contractor shall provide all facilities to meet the Government objectives identified in the individual TO/DO.

3.2.1.9 Packaging, Handling, Storage and Transportation (PHS&T)

Packaging, handling, storage and transportation is the combination of resources, processes, procedures, design, considerations, and methods to ensure that all system, equipment, and support items are preserved, packaged, handled, and transported properly, including environmental considerations, equipment preservation for the short and long storage, and transportability. Packaging may require special environmentally controlled, shock isolated containers for transport to and from a repair facility. The Contractor may be required to provide PHS&T to meet the requirements and performance objectives identified in the individual TO/DO.

3.2.1.9.1 Unique Identification (UID) and Radio Frequency Identification (RFID)

The Contractor shall comply with DoD requirements (reference DoDI 8320.04) for the Unique Identification (UID) and Radio Frequency Identification (RFID) of equipment and spare parts. RFID will be used IAW USD (AT&L) Memo of 30 July 2004, Subj: Radio Frequency Identification (RFID) Policy for packages containing items shipped to government facilities. The contractor may be required to develop a plan addressing UID and RFID compliance, provide a report outlining the equipment with UID and RFID, and/or deliver a list of all UID marked parts down to the LRU level and RFID marked packages with each shipment. Specific UID/RFID requirements will be identified in the TO/DO.

3.2.1.10 Design Interface

Design interface is the relationship of logistics-related design parameters of the system to its projected or actual support resource requirements. The Contractor may be required to support processes and procedures or perform functions in support of the design interface. This may include identifying, defining and documenting system requirements for reliability, maintainability, standardization, interoperability, safety, security, usability, environmental, hazmat, privacy and legal. The Contractor may be required to provide design interface support to meet the requirements and performance objectives identified in the individual TO/DO.

3.2.2 Configuration Management (CM)

CM support may comprise all elements of CM including management and planning, identification, control, status accounting and audit to ensure the configuration control of systems,

components, documentation, drawings or specifications. CM support may also include the implementation, operation or support of a CM program to perform the aforementioned CM activities. The Contractor shall adhere to PEO C4I CM policies for PEO C4I programs in providing CM support to meet the requirements and performance objectives identified in the individual TO/DO.

3.2.3 Test and Evaluation Support

T&E may be provided in total or through support of T&E activities led by the Government or other Government designated organizations. T&E support may include defining, developing or evaluating test programs, plans, and procedures, conducting testing, and documenting and evaluating results. The Contractor may be required to provide T&E support in order to meet the requirements or performance objectives identified in the individual TO/DO. The Contractor may be required to provide T&E support including one or more of the following:

1. System or component certification
2. Electromagnetic interference testing, electromagnetic compatibility testing and electromagnetic leakage
3. Environmental Qualification Test (EQT)/Power Qualification Test (PQT) – (includes Grade A and B shock testing)
4. Environmental tests and stress screening
5. Factory Acceptance Test (FAT)
6. Field-testing and evaluation
7. Full qualification testing/ production testing
8. Functional testing
9. Government suitability testing
10. Hardware and software component testing
11. Integration testing
12. Interface test
13. Manufacturing defect control system test
14. Subsystem and system level development testing
15. System compatibility testing
16. System confidence test

3.2.4 Quality Assurance (QA)

The CALI Contract will offer QA in order to ensure the equipment and services being provided under this contract are in compliance with applicable policies and standards and meet the requirements and performance objectives set forth in the individual TO/DO. The Contractor may be required to implement a higher level quality management system in accordance with contract clause FAR 52.246-11 [Higher-Level Contract Quality Requirement]. Associated higher level quality standards will be identified in the individual TO/DO. The Government reserves the right

to perform QA inspections in accordance with contract clauses FAR 52.246-2/3/4/5 as part of QA validation.

3.2.5 Installation Support

Installation support includes responding to technical support requests or identifying equipment and utilities required for an installation in support of an Alteration Installation Team (AIT). Installation support may also require the Contractor to work with Government Furnished Equipment (GFE) which will be identified in the individual TO/DO. The Contractor may be required to provide installation support to meet the requirements and performance objectives in the individual TO/DO.

3.3 DELIVERABLES

3.3.1 Reports

The Contractor shall develop, deliver and maintain a Contractor's Progress, Status and Management Report as a Monthly Status Report (MSR) in addition to those defined in the individual TO/DO. The Contractor's MSR shall indicate the progress of work and the status assigned tasks, reports costs, and informs of existing or potential problem areas. This report shall be delivered in accordance with CDRL A001.

3.3.2 Automated Interchange of Technical Information Management

The Contractor shall deliver all documentation as specified by individual TO/DO via an electronic medium, which may include posting on a Government shared server. At the Government's request, the Contractor shall submit CDRLs in soft and hard copy format using Government utilized programs and as specified in each order.

3.4 SUPPORTING INFORMATION

3.4.1 Program Management Office

The Contractor shall establish a program management office for this effort and appoint a Program Manager (PM) specifically charged with the responsibility of interfacing with the Government customer on all matters pertaining to any designated TO/DO. The PM shall direct this effort through the Contractor's internal management system and provide project progress visibility to ensure on time completion of contract requirements. The Contractor shall monitor the program with an emphasis on schedule, cost and progress. The Contractor shall also report on progress through status reports and conduct and attend program and technical reviews to be held at locations specified in the individual TO/DO. Specific PM activities that may be required of the Contractor include the following:

1. Provide recurring status/progress reports

2. Tracking and managing contract costs (labor and non-labor)
3. Conducting and attending program/technical reviews
4. Create and distribute agendas, briefings, and meeting minutes for program reviews
5. Conducting strategic planning, program assessments and related analyses
6. Create, maintain and report status on an Integrated Master Schedule (IMS) or Integrated Master Plan (IMP) with critical path analyses
7. Create and provide support data for program office briefings
8. Create and manage Contractor Work Breakdown Structures (CWBS)
9. Managing Contractor and subcontractor staff and efforts to ensure conformance with TO/DO requirements
10. Managing efforts to ensure timely delivery of data associated with Contract Data Requirements Lists (CDRLs)

3.4.2 Business and Financial Management

The Contractor shall perform financial management functions to ensure project and task objectives are achieved. The Contractor's financial management and reporting system shall be capable of providing accurate financial status of each TO/DO, within one business day, when requested by the Government. Financial performance metrics for each TO/DO shall be established, tracked, used as input to the overall program risk assessment and reported at program reviews.

3.4.3 Risk Assessment and Management

The Contractor shall establish and maintain a formal risk management program, to include risk identification, risk assessment, risk ranking, risk mitigation and monitoring. Risk metrics shall be generated using Contractor and/or Government approved formats.

The Contractor may be required to perform a monthly assessment of the risks associated with cost, schedule and achievement of requirements as requested under individual TO/DO. The Contractor's risk report shall include the following:

1. Identification of the top five risk areas for each cost-reimbursement effort under this contract
2. Identification of any major risk areas for production units ordered under the contract,
3. Definition of methods or alternatives to mitigate each risk, including the identification of criteria upon which to base programmatic decisions

3.4.4 Equipment Obsolescence

The Contractor shall provide alternative sources and alternative plans to provide corrective action for any obsolete equipment or parts within 30 days of the obsolescence discovery. The Contractor shall inform the Government regarding upcoming end of life or availability issues for

systems, equipment or parts. The Contractor shall provide all source data required to load the Navy Obsolescence Management Information System (OMIS) database for obsolescence management. The Contractor shall participate in meetings when requested to determine risks, obsolescence mitigation solutions, and Diminishing Manufacturing Sources and Material Shortages (DMSMS) planning and reporting.

3.4.5 Government Furnished Equipment (GFE)

Government Furnished Equipment (GFE) may be provided to support individual TO/DOs.

3.4.5.1 Material Control

The Contractor shall maintain control over all materials and products throughout the manufacturing process. These controls shall enable the identification of materials which have passed inspection from those which have not. The Contractor shall maintain records identifying the status and final destination of all materials/products.

3.4.5.2 Nonconforming Material

The Contractor shall establish and maintain an approach for controlling material that does not satisfy contract requirements, including procedures for its identification, segregation, and disposition (rework/repair, scrap, etc.).

3.4.6 Government Furnished Information (GFI)

Government Furnished Information (GFI) may be provided to the Contractor to meet the requirements and performance objectives identified in the individual TO/DOs. The Contractor will be responsible for the proper storage and secure disposal of GFI while in its possession. Unless otherwise specified or granted, the Contractor shall not distribute GFI to any parties not providing service under this contract. The following types of GFI may be provided to Contractor as part of the individual TO/DO.

1. Technical Data Package (TDP)
2. Build to Print (BTP) Library
3. System Operational Concepts
4. Site Surveys
5. Facility/System Drawings
6. Sparing Requirements
7. Training Requirements
8. Maintenance Requirements
9. List of Materials/Products

3.4.7 Security

Security requirements are defined by the DoD Contract Security Classification Specification, DD Form 254. The maximum security requirement for any TO/DO will be SECRET. Details will be contained in individual TO/DOs.

If foreign travel is required, all outgoing Country/Theater clearance message requests shall be submitted to the SSC PAC foreign travel team, OTC2, Rm 1656 for action. A Request for Foreign Travel form shall be submitted for each traveler, in advance of the travel to initiate the release of a clearance message at least 30 days in advance of departure. Each Traveler must also submit a Personal Protection Plan and have a Level 1 Antiterrorism/Force Protection briefing within one year of departure and a country specific briefing within 90 days of departure."

All work is to be performed in accordance with DoD and Navy Operations Security (OPSEC) requirements and in accordance with the OPSEC attachment to the DD254.

3.4.8 Warranty

Each product shall include a warranty as specified in Section I, Clause 52.246-17. In addition to FAR Clause 52.246-17, the following additional requirements apply: Users shall have highly reliable and maintainable products and system solutions to interoperate with the described environment. Components shall be maintainable by the user without voiding the warranty coverage. Components, which are expandable, shall be expandable by the user without voiding the warranty coverage provided the Government adheres to standard commercial practices in accomplishing the additions. The Contractor shall provide three types of warranties:

1. Workmanship Warranty
2. System Warranty
3. Equipment Warranty

The warranty program shall provide for restoration of the system and repair of equipment in a timeframe specified in this contract, unless stated otherwise in the TO/DO. The Contractor shall provide means to transport equipment and bear transportation charges and responsibility for equipment and repair personnel under warranty while in transit both to and from the Government site.

3.4.8.1 Workmanship Warranty

Unless specified otherwise in the TO/DO, the Contractor shall provide a minimum one year workmanship warranty on all work provided or integrated under this contract. The warranty shall ensure the full operational use of the system (CFE and GFE). The Contractor shall provide to the Government a Point of Contact (POC) for the workmanship warranty on an as tasked basis as included in the individual TO/DO. The workmanship warranty shall begin at the time the final

system DD Form 250 is signed by an authorized Government representative. The workmanship warranty shall provide fault diagnosis, hardware and software repair, replacement, or redesign. The Contractor shall be responsible for diagnosing and fault isolation of any problems, identifying the poor workmanship causing the problem and affecting an acceptable industry standard repair. Prior approval shall be obtained from the authorized Government site representative before any GFE is removed from the system. Actual repair of malfunctioning GFE will be the responsibility of the Government. The workmanship system warranty shall include transportation of Contractor personnel and the bits, pieces, and parts both to and from the specific site and the actual repair. The workmanship warranty shall provide for a return to service any malfunctioning CFE component or applications within 48 clock hours CONUS, 96 clock hours OCONUS after notification by the authorized Government site representative unless stated otherwise by the TO/DO.

3.4.8.2 System Warranty

The Contractor shall provide a minimum one-year system warranty to include coverage of all equipment supplied and integrated by the Contractor. The system warranty shall ensure the full operational use of the system (CFE and GFE). The Contractor shall provide to the Government a POC for the system warranty on an as tasked basis as included in the individual TO/DO. The system warranty shall begin at the time the final system DD Form 250 is signed by an authorized Government representative. The system warranty shall provide fault diagnosis, hardware and software repair, replacement, or redesign. The Contractor shall be responsible for diagnosing any problems, identifying malfunctioning equipment, and removing the equipment for repair. Prior approval shall be obtained from the authorized Government site representative before any GFE is removed from the system. Actual repair of malfunctioning GFE will be the responsibility of the Government, unless stated otherwise in the TO/DO. The system warranty shall provide for a return to service any malfunctioning CFE component or applications within 48 clock hours CONUS, 96 clock hours OCONUS after notification by the authorized Government site representative unless stated otherwise by the TO/DO. Costs for system warranty will be included within each TO/DO proposal provided by the Contractor as required by the TO/DO.

In lieu of a system proposal that includes a traditional warranty, the Customer and Contractor may agree to a basic system proposal plus a block of hours for Contractor Maintenance Support Services. For many Contractors and Customers, this strategy has proven advantageous since traditional system warranties can be voided by today's dynamically changing networks forcing the Customer to maintain the network in a static environment during the warranty period. In addition, support is limited to a much narrower scope with a traditional system warranty whereas a Contractor Support Services contract is much more flexible in solving problems as they arise.

3.4.8.3 Equipment Warranty

The Contractor shall provide standard, OEM pass through, extended or otherwise warranties for the periods specified in the TO/DO for all hardware and software products, for both CONUS and OCONUS Government sites located worldwide. Repairs shall be accomplished within 48 clock hours CONUS, 96 clock hours OCONUS of receipt of the equipment warranty trouble call, unless stated otherwise by the TO/DO, when the Contractor is performing the warranty repair. The warranty shall also provide for repair or replacement of equipment to all users who purchased from this contract. Warranty coverage shall begin at the time the final system DD Form 250 is signed by an authorized Government representative.