

ORDER FOR SUPPLIES OR SERVICES (FINAL)

1. CONTRACT NO. N00178-11-D-6433		2. DELIVERY ORDER NO. EHP4		3. EFFECTIVE DATE 2012 Sep 28		4. PURCH REQUEST NO. N65540-12-NR-55026		5. PRIORITY DO-C9		
6. ISSUED BY NSWC, CARDEROCK DIVISION, PHILADELPHIA NAVSSSES Philadelphia PA 19112-1403			CODE N65540		7. ADMINISTERED BY DCMA Manassas 10500 BATTLEVIEW PARKWAY, SUITE 200 MANASSAS VA 20109-2342			CODE S2404A		8. DELIVERY FOB DESTINATION OTHER (See Schedule if other)
9. CONTRACTOR AMSEC LLC 2829 Guardian Lane Virginia Beach VA 23452			CODE 1LT84		FACILITY	10. DELIVER TO FOB POINT BY (Date) See Schedule		11. X IF BUSINESS IS SMALL SMALL DISADVANTAGED WOMEN-OWNED		
12. DISCOUNT TERMS Net 30 Days WIDE AREA WORK FLOW			13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Section G							
14. SHIP TO See Section D			CODE		15. PAYMENT WILL BE MADE BY DFAS Columbus Center, South Entitlement Operations P.O. Box 182264 Columbus OH 43218-2264			CODE HQ0338		MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.

16. TYPE OF ORDER	DELIVERY/ CALL	<input checked="" type="checkbox"/>	This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of numbered contract.
	PURCHASE		Reference your _____ furnish the following on terms specified herein.
			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.

AMSEC LLC

NAME OF CONTRACTOR	SIGNATURE	TYPED NAME AND TITLE	DATE SIGNED (YYYYMMDD)

If this box is marked, supplier must sign Acceptance and return the following number of copies:

17. ACCOUNTING AND APPROPRIATION DATA/LOCAL USE
See Schedule

18. ITEM NO.	19. SCHEDULE OF SUPPLIES/SERVICES	20. QUANTITY ORDERED/ACCEPTED *	21. UNIT	22. UNIT PRICE	23. AMOUNT
	See Schedule				

*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.	24. UNITED STATES OF AMERICA		25. TOTAL	\$1,498,352.03
	BY: /s/John P Stefano		26. DIFFERENCES	
		09/28/2012	CONTRACTING/ORDERING OFFICER	

27a. QUANTITY IN COLUMN 20 HAS BEEN

INSPECTED	RECEIVED	ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED:

b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE		c. DATE	d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	

e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE		28. SHIP NO.	29. D.O. VOUCHER NO.	30. INITIALS

f. TELEPHONE	g. E-MAIL ADDRESS	PARTIAL	32. PAID BY	33. AMOUNT VERIFIED CORRECT FOR
		FINAL		

36. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT.

a. DATE	b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	31. PAYMENT COMPLETE	34. CHECK NUMBER
		PARTIAL	
		FULL	35. BILL OF LADING NO.

37. RECEIVED AT	38. RECEIVED BY (Print)	39. DATE RECEIVED	40. TOTAL CONTAINERS	41. S/R ACCOUNT NUMBER	42. S/R VOUCHER NO.

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GENERAL INFORMATION

1. Solicitation Page 2, first paragraph under “LEVEL OF EFFORT” is hereby changed from:

The level of effort for the performance of this contract is based upon the anticipated total estimated level of effort of man hours per year of direct labor. The estimated composition of the man-hours of direct labor can be found in the chart below.

TO:

The level of effort for the performance of this contract is based upon the anticipated total estimated level of effort of man hours per year of direct labor. The total three year estimated composition of the man-hours of direct labor can be found in the chart below.

2. The below clarification applies to the following Key Personal Labor Categories starting on page 13 and ending on page 14:

- a. Program Manager
- b. Senior engineer
- c. Project Engineer

i. Under “TARGET QUALIFICATIONS”

1. (4) Current Professional Engineer’s license is amended to read:

- a. Or Current Professional Engineers License that is equal to 10 years experience in the design, Engineering, repair, installation, modification, operation, maintenance and testing of SHIP enabling technology system similar to IBS/ECDIC-N/ICAS/MCS type equipment or systems.

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SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

Item	Supplies/Services	Qty Unit	Est. Cost	Fixed Fee	CPFF
4000	Engineering and Technical Services to Support Developmental, Design and Testing of Shipboard Navigation Systems and Intregrated Bridge Control Systems (TBD)	1.0 LH			
400001	FUNDING TO SUPPORT LABOR ON IN THE AMOUNT OF				
400002	FUNDING TO SUPPORT LABOR ON IN THE AMOUNT OF				
4100	Engineering and Technical Services to Support Developmental, Design and Testing of Shipboard Navigation Systems and Intregrated Bridge Control Systems (Option Year I) (TBD) Option	1.0 LO			

For ODC Items:

Item	Supplies/Services	Qty Unit	Est. Cost
6000	Other Direct Costs inclusive of G&A (Materials, Travel, Miscellaneous)	1.0	

			FINAL
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including
 applicable
 indirect costs
 (Non-Fee Bearing)
 Estimated ODCs:
 (TBD)

600001 FUNDING TO IN THE
 AMOUNT OF
 IN
 SUPPORT ODC'S ON

600002 FUNDING TO IN THE
 AMOUNT OF
 IN
 SUPPORT ODC'S ON

6100 Other Direct 1.0 LO
 Costs inclusive
 of G&A
 (Materials,
 Travel,
 Miscellaneous)
 including
 applicable
 indirect costs
 (Non-Fee
 Bearing)Option
 Year I Estimated
 ODCs:
 (TBD)
 Option

For Cost Type Items:

Item	Supplies/Services	Qty Unit	Est. Cost	Fixed Fee	CPFF
7000	Engineering and Technical Services to Support Developmental, Design and Testing of Shipboard Navigation Systems and Intregrated Bridge Control Systems (Option Year II) (TBD) Option	1.0 LO			

For ODC Items:

Item	Supplies/Services	Qty Unit	Est. Cost
9000	Other Direct	1.0 LO	

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Costs inclusive
of G&A
(Materials,
Travel,
Miscellaneous)
including
applicable
indirect costs
(Non-Fee Bearing)
Option Year II
Estimated ODCs:
\$200,000.00 (TBD)
Option

"This is a competitive procurement. If the solicitation should result in a single offer, the Government reserves the right to re-solicit this procurement in order to enhance competition."

SUPPORT COSTS INCLUDING MATERIAL AND TRAVEL AND OTHER DIRECT SUPPORT COSTS, IF ANY WILL BE REIMBURSED ON THE BASIS OF ACTUAL REASONABLE AND ALLOWABLE COSTS INCURRED PLUS G&A AND/OR MATERIAL HANDLING. [REDACTED]

LEVEL OF EFFORT

The level of effort for the performance of this contract is based upon the anticipated total estimated level of effort of [REDACTED] manhours per year of direct labor. The estimated composition of the [REDACTED] man-hours of direct labor can be found in the chart below.

LABOR CATEGORY				
Program Manager*				
Project Engineer*				
Senior Engineer*				
Software/Computer Engineer*				
Engineer				
Systems Analyst*				
Systems Analyst (OT)				
Logistician				
Logistician (OT)				
Senior Engineering Technician*				
Senior Engineering Technician (OT)				
Engineering Technician				
Engineering Technician (OT)				
Computer Programmer				
CAD Draftsman				
CAD Draftsman (OT)				
Technical Writer				
Technical Writer (OT)				
Training Specialist				
Training Specialist (OT)				
Word Processor				
TOTAL				

*DENOTES Key Personnel

It is noted that your proposal submission shall include a completed "**Direct Labor Rate Substantiation**" Table with attached supporting documentation as applicable. A sample of the Table has been included as an attachment to this RFP.

OFFERORS are to propose on the labor categories and hour estimates provided as the Level of Effort. Offerors who propose other than what is specified may be considered nonresponsive.

PAYMENT OF FEE

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(a) The Government shall make payments to the Contractor, subject to and in accordance with the clause contained in the base IDIQ contract entitled "Limitation of Funds", FAR 52.216-8. Such payments shall be equal to the allowable cost of each invoice submitted by the payable to the Contractor pursuant to the clause of the base IDIQ entitled "Allowable Cost and Payment", FAR 52.216-7. Total fees paid to the Contractor for performance of work under this task order shall not exceed the fee amount set forth in the task order.

(b) In the event of discontinuance of the work under this task order or any specified phase of the contract, in accordance with the clause of the IDIQ contract entitled "Limitation of Funds", FAR 52.232-22 or "Limitation of Cost", FAR 52.232-20, as applicable, the fee shall be equitably adjusted by mutual agreement to reflect the diminution of work. If the adjusted fee is less than the sum of all adjusted fee exceeds all payments made to the Contractor under this task order, the Government shall be required to pay the Contractor any amount in excess of the funds obligated.

Note: If the fee is included in the pass through rate for subcontractor labor costs, the prime contractor is requested to identify what percentage of the pass through costs is considered fee in their cost proposal. [REDACTED]

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

Ship Control and Navigation Systems Technical Support

1. BACKGROUND

The contractor shall provide technical, logistic, program, engineering, programming/control system engineering, field engineering (waterfront support and oversight) and administrative support services to Naval Surface Warfare Center – Carderock Division (NSWCCD-SSES, Code 9660, Navigation Systems and Integrated Bridge Controls Branch). These services shall include engineering, technical and programmatic support for the development, distribution and testing of new devices required to upgrade designated shipboard Control and Navigation Systems for the U.S. Navy. The scope of work shall consist of system design and drawing development; liaison with designated government Life Cycle Managers (LCMs) and In-Service Engineering Agents (ISEAs); and technical services for both new installations and the maintenance and repair of legacy systems. The contractor is to support NSWCCD-SSES Code 9660 with design, engineering, planning, installation, testing and follow-up support for all work performed under this delivery order. The applicable systems are all equipment that are part of and integrate with the Integrated Bridge Systems (IBS), Steering/Ship Control System (SCS), IBS Network, SCS Input/Output devices, and associated support equipment, including Ship Control Display System, Digital Rudder Angle Display System, Shaft RPM Transmitter and Indication, Electronic Charting Display and Information System, Machinery Control Systems (MCS) and monitoring systems.

2. REFERENCES

- (a) MIL-P-24534A PMS Development Specification dated 7 May 1985
- (b) EIA Standard 649
- (c) MIL-PRF-49506 dated 11 Nov 1996 Logistic Management Information
- (d) MIL-HBK-502 dated 30 May 1997
- (e) SL790-AC-SPN-010 /CMP, Class Maintenance Plan (CMP)
- (f) Provisioning, Allowance & Fitting Out Support (PAFOS) Manual, Chapter 4
- (g) Navy CALS DTD repository
- (h) MIL-DTL-81927C, dated 26 Nov 1997, Manuals, Technical: General Style And Format Of (Work Package Concept)
- (i) MIL-STD-38784(1), dated 1 Dec 2000, Standard Practice for Manuals, Technical: General Style and Format
- (j) MIL-PRF-87269A dated 15 Aug 2000, Data Base, Revisable - Interactive Electronic Technical Manuals (k) NAVSEA C2 DTD
- (l) EOSS DTD
- (m) MIL-DTL-24784 Manuals, Technical: General Acquisition and Development Requirements
- (n) S0005-AA-PRO-010/TMMP: NAVSEA/SPAWAR TMMP Operations and Life Cycle Support

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Procedures

- (o) S0005-AA-GYD-030 Guide for User Maintenance of NAVSEA Technical Manuals
- (p) S0005-AA-GYD-070 Guide for Quality Assurance of NAVSEA Technical Manuals
- (q) S0300-AX-GYD-010 Hull, Mechanical and Electrical Equipment/Systems Technical Manual Production and Style Guide
- (r) S0005-AD-PRO-010 Interactive Electronic Technical Manuals (IETM) Process Plan
- (s) PMS DTD
- (t) Directions for Preparing Responses to PMS Technical Feedback Reports
- (u) EOSS development handbook
- (v) ATIS Compatibility Testing Procedures
- (w) Navy E-Learning Content Specifications Version 1.0
- (x) Sharable Content Object Reference Model (SCORM) Version 1.2 Conformance Requirements.
- (y) NAVEDTRA 130A - Task Based Curriculum Development Manual
- (z) NAVEDTRA 131A - Personnel Performance Profile Curriculum Development Manual
- (aa) NAVSSESINST 4700
- (bb) MIL Standard 901-D
- (cc) General Specification for Ships Overhaul (GSO)

3. SCOPE OF WORK

The contractor shall provide engineering services for production/rework, testing, evaluating, installation and life cycle support functions, as well as the development, implementation, training execution and prototype demonstration for Ship Control Systems (SCS). The applicable systems are all equipment that are part of and integrate with the Integrated Bridge Systems (IBS), Steering/Ship Control System (SCS), IBS Network, SCS Input/Output devices, and associated support equipment, including Ship Control Display System, Digital Rudder Angle Display System, Shaft RPM Transmitter and Indication, Electronic Charting Display and Information System, Machinery Control Systems (MCS) and monitoring systems.

- Planning and Program Management Support
- System Design and Integration Engineering
- Test & Evaluation Engineering
- Integrated Logistics Support
- System Installation Support
- Technical and Financial Reports

3.1 Planning and Program Management Support

The contractor shall provide engineering and technical support to perform the following strategy, planning, and execution functions for SCS and Navigation systems on US Navy Ships and Land Based Test Facilities (LBTF):

- (a) Recommend appropriate steps to redesign the ship machinery control systems and/or

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components for increased SCS capability, for mitigation of SCS degradation or to make changes to the logistic support requirements.

(b) Participate in program reviews and Configuration Control Board (CCB) meetings conducted by program activities and contractors, and conduct program reviews for the program sponsors.

(c) Provide technical and administrative support to waterfront activities and other organizational entities involving equipment and analysis functions, including on the job training (OJT).

(d) Provide engineering and maintenance technical support services in support of the installation and validation of systems and methodologies.

(e) Perform investigations and analysis of data, ship plans, and ship control systems necessary to develop alteration packages to include SCDs, SHIPALTs, MACHALTs, and others, as appropriate.

(f) Assist with engineering and technical support with the various engineering codes within NSWCCD SSES and NAVSEA on Total Ship Support as needed. This will encompass but not be limited to support to MCS, Condition monitoring programs, platform office support for SCS and Navigation systems integration, support to Networks for security and program integration. The contractor will provide both onsite and waterfront support engineering for these service including working group participation, engineering support, presentation development, and routine general engineering support.

(g) Researching and reporting on commercially available predictive/condition based diagnostics and applications that can be integrated with existing systems that will aid ship's force and have a positive payback in shipboard machinery control system resources.

3.2 System Design and Integration Engineering

The contractor shall assist the Government with the design, installation, and assessment of SCS and Navigation systems on US Navy Ships and Land Based Test Facilities (LBTF) by supporting system modernization and new concept development which will include engineering algorithms, logic trees (as they pertain to systems diagnostics and prognostics), Failure Mode, Effects and Criticality Analysis (FMECA), expert systems, and the verification and validation of software developed to support these new concepts. The contractor shall perform analysis and technical studies and provide technical services in the area of ship control systems engineering support. The contractor shall provide support to NSWCCD SCS Software Support Activity (SSA) for developing, installing and functionally testing software for SCS and Navigation systems, including system Simulators, On Board Trainers (OBT) and Land Based Test Facilities (LBTF). Areas of particular involvement shall include:

(a) Developing and/or review of SCDs, ECPs, SHIPALTs, MACHALTs, for installation and/or improvements to the SCS or associated interfaces.

(b) Providing engineering support to develop, update, and maintain SCS equipment specifications and design documents, and analyzing operational requirements.

(c) Providing system and equipment reliability, maintainability and availability data, and evaluating failure trending and analysis.

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- (d) Reviewing proposed engineering changes for impact on configuration, performance, reliability, maintainability, logistic support, safety, and life cycle costs.
- (e) Performing Failure Mode, Effects and Criticality Analysis (FMECA).
- (f) Recommending and performing/supporting redesign, modification, or alteration of hardware and software for system integration and improvements.
- (g) Conducting systems engineering studies for ship/systems.
- (h) Provide engineering services and technical support to design, develop, and integrate technological improvements into the SCS and Navigation systems. Support will include items such as processor replacement, modernization, interface upgrades and software modifications.
- (i) Develop and support life cycle maintenance strategies for SCS and Navigation software to incorporate design changes and improvements. Provide, as required by task order, a Software Development Plan (SDP) and a Risk Management Plan (RMP).
- (j) Provide engineering support to develop, update, and maintain SCS and Navigation software requirements documents, including system and interface requirements, including system and software requirements analysis.
- (k) Provide engineering support to develop, update, and maintain SCS and Navigation software specifications and design documents, including concept papers, interface reviews, preliminary designs, detailed designs and design review participation.
- (l) Provide engineering support to accomplish SCS and Navigation software deliveries and installations shipboard and at land based test or training sites, including but not limited to configuration management.
- (m) Provide engineering support to identify and update documentation impacted by SCS and Navigation software modifications.

3.3 Test and Evaluation Engineering

The contractor shall provide integration test support for verification of SCS integration requirements and installation/validation support for installing and functionally testing on-line SCS system/subsystem alterations or by developing a Test and Evaluation Master Plan (TEMP) for any installed SCS alteration, including SCS On Board Trainer (OBT) and SCS and Navigation systems Land Based Test Facility (LBTF). The contractor shall provide test and evaluation support to investigate SCS and Navigation systems problems and isolate root cause. This shall include:

- (a) Develop test and evaluation plan and support integration with installation plans.
- (b) Formulate testing methodology and develop test procedures for simulation test sites and shipboard ship control systems.

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(c) Conduct integration testing.

(d) Develop and perform comprehensive configuration audits for shipboard, land based test and training facilities.

(e) Purchase miscellaneous systems, equipment, parts, and services for the IBS/ECDIS-N systems for testing and evaluation at LBTS and for in-service testing and troubleshooting support as needed.

(f) Coordinate the use of outside test facilities as required for equipment or system operational or acceptance tests as required. Also coordinate with other support contractors and vendors as needed for production issues and testing needs.

(g) Assist the ISEA to provide engineering services for the correction of SCS and Navigation system problems on board US Navy ships and Land Based Test facilities.

3.5 Integrated Logistics Support

The contractor shall provide logistics engineering support for SCS and Navigation systems on that are installed on US Navy ships. This support shall include:

(a) Support NSWC efforts in development of Integrated Logistics Support Plans (ILSPs), Naval Training Systems Plans (NTSPs), Computer Resources Life Cycle Management Plans (CRLCMP), Integrated Test Plans and Return on Investment (ROI) studies for the pilot/lead ship of a class or proof of concept ship.

(b) Developing complete Integrated Logistics Support (ILS) packages including provisioning, training, and maintenance data. This includes development of documentation in interactive electronic media such as Interactive Electronic Technical Manuals (IETMs) and computer based training modules that pertain to surface ship control and navigation systems.

(c) Perform Reliability-Centered Maintenance (RCM) analysis to conduct, evolve, and establish new/modified Planned Maintenance System (PMS), via standard Navy MIPs/MRCs formats. Establish life-time maintenance concepts, replacement rates, and logistics requirements for all new/modified SCS systems and sub-systems and equipment. This will support identification of the Lowest Repairable Unit (LRU) for the systems in an attempt to improve RM&A.

(d) The contractor shall provide resources to ISEA to provide training support to the fleet, including shipboard personnel and Navy support agencies for US Navy SCS and Navigation systems. This support includes:

(1) Support ISEA in generating and presenting courses of instruction on board ships and at shore site for user personnel on the operation and maintenance of SCS and Navigation systems.

(2) Provide training to ships force in fault isolation and corrective maintenance of SCS and Navigation systems

(3) Develop or update formal (classroom) and informal (on-the-job-training) course material for training courses associated with SCS, Navigation, and support systems

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(4) Provide supplemental training to NSWCCD SCS and Navigation Software Support Activity (SSA) personnel in practices associated with specialized software development methods and tools, compilation/build methods and tools and installation methods and tools.

(e) The contractor shall provide engineering support, as well as Integrated Product Team (IPT) support, in identifying and mitigating obsolete components, assemblies, equipment and systems for US Navy SCS, Navigation and supporting systems This shall include:

(1) Support quarterly review/working meetings, Technical Exchange Meetings (TEMs), program management reviews, and engineering working group meetings, and support action items.

(2) Assist ISEA in developing/maintaining management plan and obsolescence mitigation strategy; provide technical support for process improvement program development effort, evaluation, identification of lessons learned, and implementation of identified improvements.

(3) Maintaining/updating obsolescence databases, both legacy and COTS, support design and update improvements to the MCS obsolescence database such as import processes, web based utilization, application and utilization of SQL server, and support host activity.

(4) Support development of new Bill of Materials (BOMs) to be monitored and input into database, generate new system part configuration, provide breakdown from the console level to the lowest component level, download product structure, and populate database with additional MCS equipment utilizing prescribed import tools as per ISEA.

(5) Conduct vendor surveys by obtaining Source Control and Specification Control drawings, extracting vendor data, and provide initial info and follow up info and incorporate into the MCS database.

(6) Provide technical services as per ISEA for repair or provide replacements for identified obsolescence parts, including ability of Government to accomplish lifetime buys.

(7) Provide technical support for investigation/qualification of alternate and/or replacement candidates for obsolete parts, and leverage obsolescence data from ongoing production programs.

3.6 System Installation Support

The contractor shall provide resources to ISEA in support of equipment installation, test, and evaluation of SCS, Navigation and associated support systems equipment. This support includes:

(a) Assist in the development of installation test procedures, including system operability tests.

(b) Assist in the development and review of installation standards and practices.

(c) Making ship visits to design prototype layout plans for ECP installation.

(d) Provide on-site installation and testing support.

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- (e) Provide engineering assistance during conduct of installation tests.
- (f) Checkout, isolate and resolve problems with the system and combat system interfaces.
- (g) Provide technical assistance and liaison with factory personnel in connection with installation, maintenance, and operation of the SCS, Navigation systems and associated support equipment.
- (h) Providing parts and equipment to support the prototype ship control system installation or other ship control system installations, receipt and stowage of these parts as Government Furnished Equipment (GFE) as required.
- (i) Provide SCD/SHIPALT/MACHALT kits (including all hardware and associated documentation) for the SCS and Navigation systems.
- (j) Conduct integration testing.
- (k) Provide required drawing updates associated documentation as required to reflect as built solution.

3.7 Reports

- (a) Progress and Financial Reports: A monthly progress and financial report will be submitted to the Contracting Officer Representative (COR) with a copy to the Contracting Officer.
- (b) Technical Reports: Draft technical reports and conclusions reflecting the work accomplished under each task set forth will be prepared and delivered to the Government two (2) weeks before final submittal date and in the form required by the COR. The final report shall not be prepared without approval of the COTR. All draft and final reports submitted by the contractor should have computer media attached. All software Programs and databases shall be compatible with government software programs and databases as defined by NMCI.
- (c) Final Delivery: The delivery date of the list of the above reports is not to be later than the delivery date specified in paragraph 4 Deliverables.
- (d) Travel Reports: For any remote travel required, the contractor will report the destination, number of travelers, duration of stay, task milestones completed, site points of contact, ship, and hull number visited.

4. DELIVERABLES

Deliverables shall be submitted in hard copy and/or electronic format as determined by the TPOC, and in accordance with appropriate security requirements.

4.1 Status Reports

Contractor shall provide monthly status reports until contract completion. Report must include accomplishments and funds expended and shall be delivered on or about the tenth working day of each month.

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4.2 Meeting Minutes

Meeting minutes/reports will be generated in Microsoft Word and shall be delivered within 5 working days following meeting completion.

4.3 POA&Ms

POA&Ms will be developed and maintained in Microsoft Project software. POA&Ms are required for tasks identified by the TPOC, and shall be prepared and delivered within 5 working days of identification.

4.4 Engineering Project Reports

Engineering project reports shall be delivered to the TPOC within fifteen (15) days of completion of the project, the contractor will also provide in process reports as required. These reports will include but not be limited to:

4.4.1 SCD development documents

4.4.2 SID package markups and edits

4.4.3 ROI / TOC study reports

4.4.4 Technical reports, including white paper (point papers)

4.4.5 Database updates and reports

4.4.6 POA&M for projects

4.5 ILS Reports

ILS reports will be provided to the TPOC within fifteen (15) days of completion and will provide in process reports as required. These reports will include but not be limited to:

4.5.1 APL edits / modifications and corrections

4.5.2 IETM and TM updates / edits

4.5.3 PMS updates / modifications / corrections

4.5.4 OBТ / CBT documents and media

4.5.6 Obsolescence reports and tracking database reports

4.6 Trips/Ship Check Reports

Trip and ship check reports shall be prepared and delivered within ten (10) working days following

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completion of trip and/or ship check.

4.7 In support of the Computer Engineering tasking the contract will provide the following:

4.7.1 Source Code / notes / edits for all material that is GOTS and or as been modified under this order

4.7.2 IRS / SRD documents

4.7.3 Testing reports and testing plans

4.7.4 signal databases

4.8 Calculations, Specifications, Test Data/Reports, and Metrics shall be prepared and delivered in accordance with the related POA&Ms.

4.9 Bill of Material and shipping documents, material listing as needed and required for turn-over. All material will be transferred via DD1149.

4.10 General Acceptance Criteria

General quality measures, as set forth below, will be applied to each work product received from the contractor under this statement of work (SOW). · Accuracy - Work Products shall be accurate in presentation, technical content, and adherence to accepted elements of style.

- Clarity - Work Products shall be clear and concise. Any/All diagrams/text shall be easy to understand and be relevant to the supporting narrative.
- Consistency to Requirements - All work products must satisfy the requirements of this statement of work.
- File Editing - All text and diagrammatic files shall be editable by the Government.
- Format - Work Products shall be submitted in hard copy and in media (SGML, CGM or PDF) mutually agreed upon prior to submission. Hard copy formats shall follow any specified Directives or Manuals.
- Timeliness - Work Products shall be submitted on or before the due date specified in this statement of work or submitted in accordance with a later scheduled date determined by the Government.

4.11 Additional Reports:

4.11.1 The Burn Rate Analysis Report is a summary report that captures the rate at which the money is expended. This report shall be attached in Wide Area Workflow Receipts and Acceptance (WAWF-RA), beginning 30 days after award and every 30 days thereafter. A template of this report is provided as an Attachment of the solicitation.

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4.11.2 The Incurred Costs Report is a report that captures a summary of all costs incurred to date. This report shall be attached in Wide Area Workflow Receipts and Acceptance (WAWF-RA), beginning 30 days after award and every 30 days thereafter. A template of this report is provided as an Attachment to the solicitation.

5. PERSONNEL QUALIFICATIONS

KEY PERSONNEL

KEY PERSONNEL LABOR CATEGORIES AND THE GOVERNMENT'S TARGET EDUCATION AND EXPERIENCE

The following represents the Government's target education and technical experience for the Key Personnel labor categories required to support the Statement of Work (SOW) tasking. The target specialized experience included as part of the desired qualification should have been obtained in the fields of endeavor indicated by the applicable labor categories listed below and may have been gained concurrently unless otherwise specified.

Program Manager (1) – Key Personnel

Senior Engineer (1) – Key Personnel

Senior Engineering Technician (1)-Key Personnel

Software/Computer Engineer (1)– Key Personnel

Project Engineer (1) – Key Personnel

System Analyst (1)-Key Personnel

TARGET QUALIFICATIONS

The Target qualifications for the key labor categories are as follows.

Program Manager (one resume required)

Target Education: BS degree in Mechanical, Electrical or Electronic Engineering, or Naval Architecture from an accredited college or university.

Target Qualifications: (1) Ten (10) years experience in the design, engineering, repair, installation, modification, operation, maintenance and testing of SHIP enabling technology systems similar to IBS / ECDIS-N / ICAS / MCS type equipment or systems; (2) Ten (10) years experience as a Program Manager, to include contract management, budgeting, scheduling, planning, estimating, job cost and progress tracking and planning of SHIP installation of systems, engineering and design of systems, systems selection, and systems installation, modifications or repair; (3) knowledge of contracting, PEO / NAVSEA organizations, TYCOMS, and other maintenance organizations. (4) Current Professional Engineer's license.

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Senior Engineer (one resume required)

Target Education: BS degree in Mechanical, Electrical or Electronic Engineering, or Naval Architecture from an accredited college or university.

Target Qualifications: (1) Fifteen (15) years experience in the repair, installation, modification, operation, maintenance and testing of Navy or other military type equipment or systems, as described in the scope of work; It is the Offeror's responsibility to provide information and evidence that clearly demonstrates the ability of proposed personnel to satisfactorily fulfill the Task Order requirements. (2) Current Professional Engineer's license.

Senior Engineering Technician (One resume required)

Target Education: High School Diploma

Target Qualifications: Ten (10) years experience in the repair, installation, modification, operation, maintenance and testing of Navy or other military type equipment or systems, as described in the scope of work; it is the Offeror's responsibility to provide information and evidence that clearly demonstrates the ability of proposed personnel to satisfactorily fulfill the Task Order requirements.

Software/Computer Engineer (One resume required)

Target Education:

B.S. Degree in Computer Science or Electrical Engineering with an emphasis on computers.

Target Qualifications:

Ten (10) years experience in the design, development, and integration of multi-node integrated bridge navigation systems for Navy applications or other military type equipment or systems, as described in the scope of work. Six (6) years experience in the following technologies: .Net (C#, VB, and ASP) and Java programming languages, J2EE, JBOSS application server, Eclipse, Visual Studio, Subversion. Six (6) years experience in the development of software utilizing a defined and external commercially certified Software Development Life-Cycle (SDLC) process. It is the offerer's responsibility to provide information and evidence that clearly demonstrates the ability of proposed personnel to satisfactorily fulfill the Task Order requirements.

Project Engineer (one resume required)

Target Education: BS degree in Engineering, Physics, or Math

Target Qualifications: (1) Ten (10) years experience in the design and modernization efforts on US NAVY Ships; (2) Three (3) years experience maintaining and developing project estimates, schedules, and monitoring project budgets; (3) five (5) years experience interacting with the customer and considered a subject matter expert on maintenance and modernization efforts; Two (2) years experience as a lead integrator for overseeing concept design, detail design, installation and testing of complex systems. It is the Offeror's responsibility to provide information and evidence

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that clearly demonstrates the ability of proposed personnel to satisfactorily fulfill the Task Order requirements. (4) Current Professional Engineering license.

System Analyst (one resume required)

Target Education: HS Diploma or GED or equivalent combined with US Navy specific trade schools.

Target Qualifications: (1) Five (5) years experience in oversight and management of complex modernization efforts on HM&E Systems on US NAVY Ships; (2) Three (3) years experience maintaining and developing project estimates, schedules, and monitoring project budgets; (3) Ten (10) years experience in industrial services, HM&E operation, repair and shipyard environments, showing an understanding of Ship operation and HM&E System knowledge. Understanding of NAVSEA Standard items, NAVSEA Modernization specifications, and waterfront operations. Two (2) years of experience with Quality Assurance, and various other trade schools for industrial trades, such as welding, pipefitting, electronic / electrical operations, and qualification as a shipyard competent person.

It is the Offeror's responsibility to provide information and evidence that clearly demonstrates the ability of proposed personnel to satisfactorily fulfill the Task Order requirements.

NON-KEY PERSONNEL LABOR CATEGORIES AND THE GOVERNMENT'S MINIMUM EDUCATION AND EXPERIENCE REQUIREMENTS

The following represents the Government's minimum education and technical experience for non-key personnel required to support the Statement of Work. The offeror shall certify that all employees proposed for non-key personnel labor categories meet or exceed the minimum education and technical requirements specified for each non-key category. Resumes are not required for the non-key personnel categories listed below:

Engineer

Minimum Education:

Bachelor's Degree in engineering discipline from an accredited college or university.

Minimum Qualifications:

Ten (10) years experience with developing, modifying and reviewing naval HM&E logistics technical documentation is required. This experience will include Reliability Maintainability Availability (RMA), Failure Mode Effect and Criticality Analysis (FMECA), Reliability Centered Maintenance (RCM), and Planned Maintenance System (PMS) development.

Logistician

Minimum Education:

Graduate of high school, trade or industrial school or GED equivalent.

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Minimum Qualifications: Minimum of two (2) years experience of the Naval Logistics System that includes: a) Experience in identifying material and logistic requirements for ship alteration and repair, b) Experience with the Navy supply and procurement systems and procedures for requisitioning and purchasing material required to support ship alterations and repairs, c) Experience in researching types and quantities of equipments allowed aboard ship, to include a minimum of one year experience in use of the Ship's Configuration and Logistic Support Control (SCLSC) database, d) Experience in developing Provisioning Technical Documentation (PTD)/Logistics Management Information (LMI) Data Packages utilizing the Interactive Computer-Aided Provisioning System (ICAPS).

Engineering Technician

Minimum Education:

Graduate of high school, trade, or industrial school or GED equivalent.

Minimum Qualifications:

One (1) year experience providing assistance to engineers performing routine calculations and others tasks as assigned. Experience using PC desktop software (word processing, spreadsheet, presentation, desktop applications).

Computer Programmer

Minimum Education:

Bachelor's Degree in Computer Science, Computer Programming or Computer Operating Systems or minimum of four (4) years equivalent experience without degree.

Minimum Qualifications:

Four (4) years experience in utilizing scientific programming skills with digital computer systems, information systems, data management or configuration control applications. Experience in Windows or Unix operating systems. Two (2) years experience developing text translation programs and production of IETMs using SGML, XHTML/HTML, XML, and linked PDF, including embedded graphics based on CGM, CALS Type IV, and PDF. One (1) year experience developing text translation programs for converting IETMs to multiple formats including MIL-DTL-24784C and MILSTD- 34784. Experience in applying SGML/XML and/or S1000D to Navy technical documentation processes, including TDKM and SNIPP.

CAD/CAM Draftsman

Minimum Education:

Graduation from an accredited technical, vocational, or apprentice school drafting program ; or High school diploma.

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Minimum Qualifications:

One (1) year of experience including use of AUTOCAD or other equivalent technical documentation graphics/illustration software tools. Three (3) years of experience developing and revising engineering drawings for shipboard systems for inclusion in technical documentation.

Technical Writer**Minimum Education:**

A Bachelors Degree in English or Journalism two (2) years experience in the planning and preparation of varied types of technical documentation on naval ship Hull, Mechanical, Electrical, Electronic, systems and equipment may be substituted for education.

Minimum Qualifications:

Experience in the detailed information search and interpretation of technical data in the preparation of technical documentation. Minimum of one (1) year experience developing technical documentation using either the Navy Publishing Application (NPA) or the Navy PMS Editor (NPE) or equivalent.

Training Specialist**Minimum Education:**

High school graduate or GED

Minimum Qualifications:

Minimum of five (5) years experience with instructional design for the U.S. Navy Interactive Learning Environment (ILE) and three (3) years experience in media production techniques and methods. Minimum of ten (10) years experience of instructional design five (5) years experience in media production techniques and methods may be substituted for the active duty Navy, instructor, MTS requirements. Service in the U.S. Navy with an in-depth knowledge of naval shipboard systems maintenance and operations. Preferred to be an instructor and achieved the title of Master Training Specialist (MTS).

Word Processor**Minimum Education:**

High school diploma or GED

Minimum Qualifications:

Minimum of three (3) years of experience in the data entry. Capability to enter data into a number of computerized systems and review their work for correctness. Experienced in the operation of work processing systems as installed on IBM-compatible word processors. Minimum of one year of experience in use of word processing software similar or equivalent to Microsoft Word software.

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6. GOVERNMENT FURNISHED INFORMATION

The government will provide the contractor with all pertinent information, including deadlines and government propriety data within fourteen (14) working days of request. This government furnished information (GFI) shall be returned to the government within thirty (30) days after completion of this task or with submission of the final report, unless the TPOC directs that it be destroyed.

7. TRAVEL AND PLACE OF PERFORMANCE

Place of performance is located at the Philadelphia Naval Business Center, Philadelphia, PA. Travel may be required to the following locations to support the above statement of work :

- Bremerton, WA.
- Everett, WA.
- Washington, D.C.
- Norfolk, VA.
- Newport News, VA.
- San Diego, CA.
- Pearl Harbor, HI.
- Mayport, FL
- Bahrain and or United Arab Emirates (UAE)
- Yokosuka, Japan

8. MATERIALS

8.1 Material

The contractor shall acquire all materials required for supporting performance of the statement of work.

8.2 Classified Material

Contractor must have ability to handle and store classified documents, including NOFORN, possibly NNPI, and CONFIDENTIAL. Documents include technical manuals, drawings, letters, reports, etc. Classified documents must be handled in accordance with standard classified security operating procedures.

9. TASK ORDER MANAGER (TOM) AND TECHNICAL POINT OF CONTACT (TPOC)

Contracting Officer Representative (COR)

Name (COR): Albert Esposito

Location: NAVSEA Warfare Center – Philadelphia

Code: 962

Phone: 215-897- 1522

Technical Point of Contact

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Name (TPOC): David Dragun

Location: NAVSEA Warfare Centers – Philadelphia

Code: 966 Integrated Bridge Systems Group

Phone: 215-897-1579

Contractor Personnel Identification

In the performance of this contract, contractor employees shall identify themselves as contractor personnel by introducing themselves or being introduced as contractor personnel and by displaying distinguishing badges or other visible identification for meetings with Government personnel.

Contractor personnel shall appropriately identify themselves as contractor employees in telephone conversations and formal and informal written correspondence including email.

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SECTION D PACKAGING AND MARKING

Packaging and marking shall be in accordance with Section D of the IDIQ contract.

All data deliverables specified in Section C, Descriptions and Specifications shall be delivered to the Contracting Officer Representative (COR) and the Technical Subject matter Expert (SME) electronically and/or mail to:

Contracting Officer Representative:

All materials purchased under this task order shall be packaged in accordance with the latest edition of ASTM-D-3951-95 "Commercial Packaging of Supplies and Equipment"

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) task order number
- (4) sponsor: _____

(Name of Individual Sponsor)

(Name of Requiring Activity)

(City and State)

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SECTION E INSPECTION AND ACCEPTANCE



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SECTION F DELIVERABLES OR PERFORMANCE

CLIN - DELIVERIES OR PERFORMANCE

The period of performance for the following Items are as follows:

CLINs 4000 and 6000-

CLINs 4100 and 6100-

CLINs 7000 and 9000-

[REDACTED]

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SECTION G CONTRACT ADMINISTRATION DATA

HQ G-2-0007 INVOICE INSTRUCTIONS (NAVSEA) (JAN 2008)

(a) In accordance with the clause of this contract entitled "ELECTRONIC SUBMISSION OF PAYMENT REQUESTS" (DFARS 252.232-7003), the Naval Sea Systems Command (NAVSEA) 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 (*contracting officer check all that apply*)

- Invoice (FFP Supply & Service)
- Invoice and Receiving Report Combo (FFP Supply)
- Invoice as 2-in-1 (FFP Service Only)
- Cost Voucher (Cost Reimbursable, T&M , LH, or FPI)
- Receiving Report (FFP, DD250 Only)

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DODAAC Codes and Inspection and Acceptance Locations (*contracting officer complete appropriate information as applicable*)

Issue DODAAC	<u>N65540</u>
Admin DODAAC	<u>TBD</u>
Pay Office DODAAC	<u>TBD</u>
Inspector DODAAC	<u>N65540</u>
Service Acceptor DODAAC	<u>N65540</u>
Service Approver DODAAC	<u>N/A</u>
Ship To DODAAC	<u>See Section F</u>
DCAA Auditor DODAAC	<u>TBD</u>
LPO DODAAC	<u>N/A</u>
Inspection Location	<u>See Section E</u>
Acceptance Location	<u>See Section E</u>

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:

(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.

(g) The WAWF system has not yet been implemented on some Navy programs; therefore, upon written concurrence from the cognizant Procuring Contracting Officer, the Contractor is authorized to use DFAS's WInS for electronic end to end invoicing until the functionality of WInS has been incorporated into WAWF.

(h) If you have any questions regarding WAWF, please contact the WAWF helpdesk at the above 1-866 number or the NSWCCD WAWF point of contact at (301) 227-5419.

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(End of Clause)

SEA 5252.216-9122 LEVEL OF EFFORT (DEC 2000)

(a) The Contractor agrees to provide the total level of effort specified in the next sentence in performance of the work described in Sections B and C of this contract. The total level of effort for the performance of this contract shall be ___(to be completed for each order) total man-hours of direct labor, including subcontractor direct labor for those subcontractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort.

(b) Of the total man-hours of direct labor set forth above, it is estimated that ___(to be identified at the task order level) man-hours are uncompensated effort.

Uncompensated effort is defined as hours provided by personnel in excess of 40 hours per week without additional compensation for such excess work. All other effort is defined as compensated effort. If no effort is indicated in the first sentence of this paragraph, uncompensated effort performed by the Contractor shall not be counted in fulfillment of the level of effort obligations under this contract.

(c) Effort performed in fulfilling the total level of effort obligations specified above shall only include effort performed in direct support of this contract and shall not include time and effort expended on such things as (local travel to and from an employee's usual work location), uncompensated effort while on travel status, truncated lunch periods, work (actual or inferred) at an employee's residence or other non-work locations (except as provided in paragraph (j) below), or other time and effort which does not have a specific and direct contribution to the tasks described in Sections B and C.

(d) The level of effort for this contract shall be expended at an average rate of approximately _____ [Yearly number of labor hours divided by 52 weeks]hours per week. It is understood and agreed that the rate of man-hours per month may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total man-hours of effort prior to the expiration of the term hereof, except as provided in the following paragraph.

(e) If, during the term hereof, the Contractor finds it necessary to accelerate the expenditure of direct labor to such an extent that the total man hours of effort specified above would be used prior to the expiration of the term, the Contractor shall notify the Contracting Officer in writing setting forth the acceleration required, the probable benefits which would result, and an offer to undertake the acceleration at no increase in the estimated cost or fee together with an offer, setting forth a proposed level of effort, cost breakdown, and proposed fee, for continuation of the work until expiration of the term hereof. The offer shall provide that the work proposed will be subject to the terms and conditions of this contract and any additions or changes required by then current law, regulations, or directives, and that the offer, with a written notice of acceptance by the Contracting Officer, shall constitute a binding contract. The Contractor shall not accelerate any effort until receipt of such written approval by the Contracting Officer. Any agreement to accelerate will be formalized by contract modification.

(f) The Contracting Officer may, by written order, direct the Contractor to accelerate the expenditure of direct labor such that the total man hours of effort specified in paragraph (a) above would be used prior to the expiration of the term. This order shall specify the acceleration required and the resulting revised term. The Contractor shall acknowledge this order within five days of receipt.

(g) If the total level of effort specified in paragraph (a) above is not provided by the Contractor during the period of this contract, the Contracting Officer, at its sole discretion, shall either (i) reduce the fee of this contract as follows:

Fee Reduction = Fee x ((Required LOE minus Expended LOE)divided by Required LOE)

or (ii) subject to the provisions of the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable, require the Contractor to continue to perform the work until the total number of man hours of direct labor specified in paragraph (a) above shall have been expended, at no increase in the fee of this contract.

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(h) The Contractor shall provide and maintain an accounting system, acceptable to the Administrative Contracting Officer and the Defense Contract Audit Agency (DCAA), which collects costs incurred and effort (compensated and uncompensated, if any) provided in fulfillment of the level of effort obligations of this contract. The Contractor shall indicate on each invoice the total level of effort claimed during the period covered by the invoice, separately identifying compensated effort and uncompensated effort, if any.

(i) Within 45 days after completion of the work under each separately identified period of performance hereunder, the Contractor shall submit the following information in writing to the Contracting Officer with copies to the cognizant Contract Administration Office and to the DCAA office to which vouchers are submitted: (1) the total number of man hours of direct labor expended during the applicable period; (2) a breakdown of this total showing the number of man hours expended in each direct labor classification and associated direct and indirect costs; (3) a breakdown of other costs incurred; and (4) the Contractor's estimate of the total allowable cost incurred under the contract for the period. Within 45 days after completion of the work under the contract, the Contractor shall submit, in addition, in the case of a cost underrun; (5) the amount by which the estimated cost of this contract may be reduced to recover excess funds and, in the case of an underrun in hours specified as the total level of effort; and (6) a calculation of the appropriate fee reduction in accordance with this clause. All submissions shall include subcontractor information.

(j) Notwithstanding any of the provisions in the above paragraphs, the Contractor may furnish man hours up to five percent in excess of the total man hours specified in paragraph (a) above, provided that the additional effort is furnished within the term hereof, and provided further that no increase in the estimated cost or fee is required.

(End of Clause)

SEA 5252.232-9104 ALLOTMENT OF FUNDS (MAY 1993)

(a) This contract is incrementally funded with respect to both cost and fee. The amount(s) presently available and allotted to this contract for payment of fee for incrementally funded contract line item number/contract subline item number (CLIN/SLIN), subject to the clause entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE" (FAR 52.216-10), as appropriate, is specified below. The amount(s) presently available and allotted to this contract for payment of cost for incrementally funded CLINs/SLINs is set forth below. As provided in the clause of this contract entitled "LIMITATION OF FUNDS" (FAR 52.232-22), the CLINs/SLINs covered thereby, and the period of performance for which it is estimated the allotted amount(s) will cover are as follows:

ESTIMATED ITEM(S) PERFORMANCE	ALLOTTED TO COST	ALLOTTED TO FEE	PERIOD OF PERFORMANCE
\$		\$	

(To be provided at the task order level)

(b) The parties contemplate that the Government will allot additional amounts to this contract from time to time for the incrementally funded CLINs/SLINs by unilateral contract modification, and any such modification shall state separately the amount(s) allotted for cost, the amount(s) allotted for fee, the CLINs/SLINs covered thereby, and the period of performance which the amount(s) are expected to cover.

(c) CLINs/SLINs are fully funded and performance under these CLINs/SLINs is subject to the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable.

(d) The Contractor shall segregate costs for the performance of incrementally funded CLINs/SLINs from the from the costs of performance of fully funded CLINs/SLINs.

FUNDING PROFILE

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It is estimated that these incremental funds will provide for [if LOE, enter the number of hours; if completion or supply enter items and quantities]. The following details funding to date:

Total

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]					

(End of Clause)

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SECTION H SPECIAL CONTRACT REQUIREMENTS

H-5 Task Order Process.

Ombudsman Description.

In accordance with FAR 16.505(a)(9), no protest under FAR Subpart 33.1 is authorized in connection with PCO decisions regarding fair opportunity or the issuance of a TO under this contract, except for a protest on the grounds that a TO increases the scope, period, or maximum value of the contract. The Local Warfare Center Site Deputy for Small Business has been designated as the NAVSEA and related Program Executive Offices Ombudsman for this contract. The NSWCCD Ombudsman will review complaints from the contractors and ensure that all contractors are afforded a fair opportunity to be considered, consistent with the procedures in the contract. Complaints to the NSWCCD Ombudsman must be forwarded to:

CAR-H09 Performance-Based Acquisition Evaluation Procedures for a SeaPort e Task Order (MAR 2006)
(NSWCCD)

(a) Introduction: The contractor's performance on this task order will be evaluated by the Government, in accordance with this task order clause. The first evaluation will cover the period ending twelve months after the date of task order award with successive evaluations being performed for each twelve-month period thereafter until the contractor completes performance under the task order. Based on the evaluation results, the PCO will assign an overall performance rating in accordance with paragraph (b) of this clause. The purpose of the evaluation is to determine remedies that may be invoked due to "Unsatisfactory" performance. If the PCO assigns an "Unsatisfactory" performance rating for the period evaluated, the PCO may take unilateral action, in accordance with clause 52.246-5 entitled "Inspection of Services-Cost Reimbursement", dated Apr 1984, in Section E of the base contract, to provide for a fee reduction covering the performance period evaluated. This clause provides the basis for evaluation of the contractor's performance and for determining if the fee amount should be reduced due to "Unsatisfactory" performance.

(b) Performance Ratings: The Government will evaluate the contractor's performance of the Statement of Work under the task order for each twelve month period of performance, using the measurable performance standards set forth in the Performance Requirements Summary Table in the SOW, or elsewhere in the task order, and the PCO will assign one of the following ratings:

- (1) Excellent
- (2) Very Good
- (3) Satisfactory
- (4) Unsatisfactory

The standards associated with these ratings are given in the following Table 1.

Table 1: Overall Performance Ratings

For The Evaluation Period

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Overall Performance Rating	Standard
Excellent	“Excellent” ratings for all performance evaluation criteria.
Very Good	A combination of “Excellent” and “Satisfactory” ratings determined by the PCO to exceed “Satisfactory” overall.
Satisfactory	A minimum of “Satisfactory” ratings for all performance evaluation criteria.
Unsatisfactory	A rating of “Unsatisfactory” for one or more performance evaluation criteria.

(c) Evaluation Objective: The purpose of the evaluation and the inclusion of a remedy to the Government for unsatisfactory contractor performance under this task order is to ensure that the Government receives at least “Satisfactory” overall performance.

(d) Performance Evaluation Criteria: The contractor’s performance will be evaluated on an annual basis using the criteria and standards provided for each task objective in the Performance Requirements Summary Table, and considering the criterion in Tables 2 through 4 of this task order clause.

(e) Organization: The performance evaluation organization consists of the Procuring Contracting Officer (PCO), who will serve as the Evaluation Official, and the Task Order Manager (ToM).

(1) ToM: The ToM will provide ongoing performance monitoring, evaluate task performance based on the task order Performance Requirements Summary, prepare the evaluation report, including a recommended overall performance rating, and submit the report to the PCO for final decision within thirty days after the end of the evaluation period. The ToM will maintain the written records of the contractor’s performance so that a fair and accurate evaluation is made.

(2) Procuring Contracting Officer (PCO): The PCO is responsible for properly administering the performance evaluation process, maintaining the official performance evaluation file, and making the decision about the overall performance rating and whether to reduce the fee if performance is rated as unsatisfactory.

(f) Evaluation Schedule: Each performance evaluation will cover the previous twelve months of performance. The Government will evaluate all work under the task order performed by the contractor during the twelve-month period. Following each evaluation period, the PCO (or Contract Specialist if so designated by the PCO) and the ToM will hold a meeting with the contractor’s Senior Technical Representative to review performance under the task order during the previous twelve months, including overall trends, specific problem areas, if any, and their resolution. Other Government and contractor personnel may also participate as deemed appropriate.

(g) Contractor’s Self-Evaluation: The contractor may also submit a Self-Evaluation Report for consideration. The report must include an overall performance rating for the task order, covering the evaluation period, and may include whatever information the contractor deems relevant to support that rating. The report shall not exceed two (2) pages in length.

(h) Performance Evaluation: The PCO will make the decision on the overall performance rating for the work performed under the task order within thirty days after receipt of the evaluation report from the ToM. The decision will be based upon the ToM’s recommendations, the contractor’s comments, including any Self-Evaluation Report, and any other information deemed relevant by the PCO. The PCO shall resolve disagreements between the ToM’s recommendations and the contractor’s comments/report regarding the evaluation. The PCO will provide a copy of the evaluation report, including the overall rating, to the contractor within five working days after completion of the evaluation.

(i) Contractor’s Review of the Evaluation Report: Contractors shall be given a minimum of 15 calendar days to submit comments, rebut statements, or provide additional information. The PCO shall consider the contractor’s

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submission and respond as appropriate. Although the PCO will consider the contractor's comments, rebuttals, or additional information, the PCO may, or may not, change the overall rating. The decision to change the rating based on contractor input at this stage is solely at the discretion of the PCO.

(j) This performance evaluation does not replace any other requirement for evaluating contractor performance that may be required by the base contract, such as a Contractor Performance Assessment Reporting System (CPARS) report, or a Task Order Performance Evaluation (TOPE).

TABLE 2: TASK PERFORMANCE EVALUATION CRITERIA AND STANDARDS

Criterion	UNSATISFACTORY	SATISFACTORY	EXCELLENT
Task Performance	Work product fails to meet Acceptable Quality Levels (AQLs) defined in Performance Requirements Summary Table (see SOW or elsewhere in the Task Order).	Work product routinely meets Acceptable Quality Levels (AQLs) defined in Performance Requirements Summary Table (see SOW or elsewhere in the Task Order).	Work product frequently exceeds Acceptable Quality Levels (AQLs) defined in Performance Requirements Summary Table (see SOW or elsewhere in the Task Order).
Staffing	Contractor provides marginally qualified or unqualified personnel. Lapses in coverage occur regularly.	Contractor provides qualified personnel. Lapses in coverage may occasionally occur and are managed per individual task order policy.	Contractor provides highly qualified personnel. Contractor reassigns personnel to ensure proper coverage. Actual lapses in coverage occur very rarely, if ever, and are managed per individual task order policy. Contractor ensures staff training remains current.
Timeliness	Contractor frequently misses deadlines, schedules, or is slow to respond to government requests or is non-responsive to government requests.	Contractor routinely meets deadlines, schedules, and responds quickly to government requests.	Contractor always meets deadlines, schedules, and responds immediately to government requests.
Customer Satisfaction	Fails to meet customer expectations	Meets customer expectations.	Exceeds customer expectations.

TABLE 3: CONTRACT MANAGEMENT PERFORMANCE EVALUATION CRITERIA AND STANDARDS

CRITERION	UNSATISFACTORY	SATISFACTORY	EXCELLENT
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Problem Resolution	Problems are unresolved, repetitive, or take excessive government effort to resolve.	Problems are resolved quickly with minimal government involvement.	Problems are non-existent or the contractor takes corrective action without government involvement.
Responsiveness	Contractor's management is unresponsive to government requests and concerns.	Contractor's management is responsive to government requests and concerns.	Contractor's management takes proactive approach in dealing with government representatives and anticipates Government concerns.
Communications	Contractor often fails to communicate with government in an effective and timely manner.	Contractor routinely communicates with government in an effective and timely manner.	Contractor takes a proactive approach such that communications are almost always clear, effective, and timely.

TABLE 4: COST EFFICIENCY PERFORMANCE EVALUATION CRITERIA AND STANDARDS

CRITERION	UNSATISFACTORY	SATISFACTORY	EXCELLENT
CostManagement	Contractor routinely fails to complete the effort within the originally agreed to estimated cost, i.e. cost overruns frequently occur.	Contractor routinely completes the effort within the originally agreed to estimated cost. Contractor provides measures for controlling all costs at estimated costs. Funds and resources are generally used in a cost-effective manner. No major resource management problems are apparent.	Reductions in direct costs to the Government below contract estimated costs are noteworthy. Contractor provides detailed cost analysis and recommendations to Government for resolution of problems identified. Funds and resources are optimally used to provide the maximum benefit for the funds and resources available. Documented savings are apparent. Reports are clear,

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CostReporting	Reports are generally late, inaccurate incomplete or unclear.	Reports are timely, accurate, complete and clearly written. Problems and/or trends are addressed, and an analysis is also submitted.	accurate, and proactive. Problems and/or trends are addressed thoroughly, and the contractor's recommendations and/or corrective plans are implemented and effective.
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See Attachment CAR-H10 PERFORMANCE REQUIREMENTS SUMMARY TABLE

CAR H11 – CONTRACTOR PERSONNEL SECURITY REQUIREMENTS (JAN 2010)

a. In accordance with SECNAV M-5510.30 Chapters 5 and 6, all Contractor personnel that require access to Department of Navy (DON) information systems and/or work on-site are designated Non-Critical Sensitive/IT-II positions, which require an open investigation or favorable adjudicated National Agency Check (NACLC) by the Industrial Security Clearance Office (DISCO). Investigations should be completed using the SF- 85 Form and the SF-87 finger print card. An interim clearance can be granted by the company Security Officer and recorded in the Joint Personnel Adjudication System (JPAS). An open investigation or favorable adjudication is required prior to issuance of a Common Access Card (CAC) card or a badge providing access to NSWCCD sites and buildings. If an unfavorable adjudication is determined by DISCO all access will terminated.

b. Within 30 days after contract award, the Contractor shall submit a list of all Contractor personnel, including subcontractor employees, who will have access to DON information systems and/or work on-site at one of the NSWCCD sites. The Contractor shall e-mail acquisition.nswccd.fct@navy.mil to obtain the excel file that outlines the required format and content of the list. The Contractor will provide each employee's first name, last name, contract number, the NSWCCD technical code, work location, whether or not the employee has a CAC card and/or swipe card, the systems the employee can access (i.e., NMCI, RDT&E), and the name of the Contractor's local point of contact, phone number and email address. The excel file shall be submitted via email to acquisition.nswccd.fct@navy.mil and the Contracting Officer's Representative (COR) or Task Order Manager (TOM). Throughout the period of performance of the contract, the Contractor shall immediately provide an updated spreadsheet to acquisition.nswccd.fct@navy.mil and the COR/TOM when any Contractor personnel changes occur.

5252.242-9115 TECHNICAL INSTRUCTIONS (APR 1999)

(a) Performance of the work hereunder may be subject to written technical instructions signed by the Contracting Officer's Representative specified in Section G of this contract. As used herein, technical instructions are defined to include the following:

(1) Directions to the Contractor which suggest pursuit of certain lines of inquiry, shift work emphasis, fill in details or otherwise serve to accomplish the contractual statement of work.

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(2) Guidelines to the Contractor which assist in the interpretation of drawings, specifications or technical portions of work description.

(b) Technical instructions must be within the general scope of work stated in the contract. Technical instructions may not be used to: (1) assign additional work under the contract; (2) direct a change as defined in the "CHANGES" clause of this contract; (3) increase or decrease the contract price or estimated contract amount (including fee), as applicable, the level of effort, or the time required for contract performance; or (4) change any of the terms, conditions or specifications of the contract.

(c) If, in the opinion of the Contractor, any technical instruction calls for effort outside the scope of the contract or is inconsistent with this requirement, the Contractor shall notify the Contracting Officer in writing within ten (10) working days after the receipt of any such instruction. The Contractor shall not proceed with the work affected by the technical instruction unless and until the Contractor is notified by the Contracting Officer that the technical instruction is within the scope of this contract.

(d) Nothing in the foregoing paragraph shall be construed to excuse the Contractor from performing that portion of the contractual work statement which is not affected by the disputed technical instruction.

(End of Text)

CAR H11 – CONTRACTOR PERSONNEL SECURITY REQUIREMENTS (JAN 2010)

a. In accordance with SECNAV M-5510.30 Chapters 5 and 6, all Contractor personnel that require access to Department of Navy (DON) information systems and/or work on-site are designated Non-Critical Sensitive/IT-II positions, which require an open investigation or favorable adjudicated National Agency Check (NACLC) by the Industrial Security Clearance Office (DISCO). Investigations should be completed using the SF- 85 Form and the SF-87 finger print card. An interim clearance can be granted by the company Security Officer and recorded in the Joint Personnel Adjudication System (JPAS). An open investigation or favorable adjudication is required prior to issuance of a Common Access Card (CAC) card or a badge providing access to NSWCCD sites and buildings. If an unfavorable adjudication is determined by DISCO all access will be terminated.

b. Within 30 days after contract award, the Contractor shall submit a list of all Contractor personnel, including subcontractor employees, who will have access to DON information systems and/or work on-site at one of the NSWCCD sites. The Contractor shall e-mail acquisition.nswccd.fct@navy.mil to obtain the excel file that outlines the required format and content of the list. The Contractor will provide each employee's first name, last name, contract number, the NSWCCD technical code, work location, whether or not the employee has a CAC card and/or swipe card, the systems the employee can access (i.e., NMCI, RDT&E), and the name of the Contractor's local point of contact, phone number and email address. The excel file shall be submitted via email to acquisition.nswccd.fct@navy.mil and the Contracting Officer's Representative (COR) or Task Order Manager (TOM). Throughout the period of performance of the contract, the Contractor shall immediately provide an updated spreadsheet to acquisition.nswccd.fct@navy.mil and the COR/TOM when any Contractor personnel changes occur.

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SECTION I CONTRACT CLAUSES

09RA 52.217-9 -- OPTION TO EXTEND THE TERM OF THE CONTRACT. (MAR 2008)

(a) The Government may extend the term of this contract by written notice to the Contractor within 30 days prior to completion of the base period; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 60 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed five years.

CAR-I18 TECHNICAL INSTRUCTIONS (DEC 2001)

(a) Performance of the work hereunder may be subject to written technical instructions signed by the Task Order Manager. As used herein, technical instructions are defined to include the following:

(1) Directions to the Contractor that suggest pursuit of certain lines of inquiry, shift work emphasis, fill in details or otherwise serve to accomplish the statement of work.

(2) Guidelines to the Contractor that assist in the interpretation of drawings, specifications or technical portions of work description.

(b) Technical instructions must be within the general scope of work stated in the task order. Technical instructions may not be used to :

(1) assign additional work under the task order;

(2) direct a change as defined in the "Changes" clause of the base contract;

(3) increase or decrease the contract price or estimated amount (including fee), as applicable,

the level of effort, or the time required for task order performance; or

(4) change any of the terms, conditions or specifications of the task order.

(c) If, in the opinion of the Contractor, any technical instruction calls for effort outside the scope of the task order

or is inconsistent with this requirement, the Contractor shall notify the Contracting Officer in writing within ten (10) working days after the receipt of any such instruction. The Contractor shall not proceed with the work affected by the technical instruction unless and until the Contracting Officer notifies the Contractor that the technical instruction is within the scope of this task order.

(d) Nothing in the paragraph (c) of this clause shall be construed to excuse the Contractor from performing that portion of the task order statement of work which is not affected by the disputed technical instruction.

(End of Clause)

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252.222-7999 Additional Requirements and Responsibilities Restricting the Use of Mandatory Arbitration Agreements

(DEVIATION)

Use the following clause in all contracts in excess of \$1 million utilizing funds appropriated by the Fiscal Year 2010 Defense Appropriations Act (Pub. L. 111-118), except in contracts for the acquisition of commercial items and commercially available off-the-shelf items.

ADDITIONAL REQUIREMENTS AND RESPONSIBILITIES
RESTRICTING THE USE OF MANDATORY ARBITRATION
AGREEMENTS (DEVIATION) (FEB 2010)

(a) *Definitions.*

“Covered subcontract,” as used in this clause, means any subcontract, except a subcontract for the acquisition of commercial items or commercially available off-the-shelf items, that is in excess of \$1 million and uses Fiscal Year 2010 funds.

(b) The Contractor-

(1) Agrees not to-

(i) Enter into any agreement with any of its employees or independent contractors that requires, as a condition of employment, that the employee or independent contractor agree to resolve through arbitration any claim under title VII of the Civil Rights Act of 1964 or any tort related to or arising *out* of sexual assault or harassment, including assault and battery, intentional infliction of emotional distress, false imprisonment, or negligent hiring, supervision, or retention; or

(ii) Take any action to enforce any provision of an existing agreement with an employee or independent contractor that mandates that the employee or independent contractor resolve through arbitration any claim under title VII of the Civil Rights Act of 1964 or any tort related to or arising out of sexual assault or harassment, including assault and battery, intentional infliction of emotional distress, false imprisonment, or negligent hiring, supervision, or retention; and

(2) Certifies, by signature of the contract, for contracts awarded after June 17, 2010, that it requires each covered subcontractor to agree not to enter into, and not to take any action to enforce any provision of any agreements, as described in paragraph (b)(1) of this clause, with respect to any employee or independent contractor performing work related to such subcontract.

(c) The prohibitions of this clause do not apply with respect to a Contractor's or subcontractor's agreements with employees or independent contractors that may not be enforced in a court of the United States.

(d) The Secretary of Defense may waive the applicability of the restrictions of paragraph (b) to the Contractor or a particular subcontractor for the purposes of the contract or a particular subcontract if the Secretary or the Deputy Secretary personally determines that the waiver is necessary to avoid harm to national security interests of the United States, and that the term of the contract or subcontract is not longer than necessary to avoid such harm. This determination will be made public not less than 15 business days before the contract or subcontract addressed in the determination may be awarded.

(end of clause)

52.222-2 PAYMENT FOR OVERTIME PREMIUMS (JUL 1990)

(a) The use of overtime is authorized under this contract if the overtime premium cost does not exceed \$__0__ or the overtime premium is paid for work --

1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;

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(2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;

(3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or

(4) That will result in lower overall costs to the Government.

(b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall—

(1) Identify the work unit; *e.g.*, department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;

(2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;

(3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and

(4) Provide reasons why the required work cannot be performed by using multishift operations or by employing additional personnel.

* Insert either “zero” or the dollar amount agreed to during negotiations. The inserted figure does not apply to the exceptions in paragraph (a)(1) through (a)(4) of the clause.

(End of Clause)

CLAUSES INCORPORATED BY REFERENCE:

252.215-7008 Only One Offer (June 2012)

52.215-20 Requirements for Certified Cost or Pricing Data and Data Other Than Certified Cost or Pricing Data (October 2010)

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SECTION J LIST OF ATTACHMENTS

Attachment 1 - CAR-H09

Attachment 2 - Incurred Cost Report Sample

Attachment 3 - Burn Rate Sample

Attachment 4 - Cost Summary Format

Attachment 5 - DD 254

Attachment 6 - Direct Labor Rate Substantiation

Attachment 7 - CAR H10