

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE U	PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 03	3. EFFECTIVE DATE 31-Mar-2011	4. REQUISITION/PURCHASE REQ. NO. See Page 2		5. PROJECT NO. (If applicable) N/A
6. ISSUED BY NSWC, CARDEROCK DIVISION, MARYLAND 9500 MacArthur Blvd West Bethesda MD 20817 donna.stride@navy.mil 301-227-5749	CODE N00167	7. ADMINISTERED BY (If other than Item 6) DCMA Manassas 10500 BATTLEVIEW PARKWAY, SUITE 200 MANASSAS VA 20109-2342		CODE S2404A

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) DDL OMNI Engineering LLC 8260 Greensboro Drive, Suite 600 McLean VA 22102		9A. AMENDMENT OF SOLICITATION NO.
CAGE CODE 078S2 FACILITY CODE		9B. DATED (SEE ITEM 11)
[X]		10A. MODIFICATION OF CONTRACT/ORDER NO. N00178-04-D-4032-FD05
		10B. DATED (SEE ITEM 13) 30-Sep-2010

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

SEE SECTION G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(*)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
[]	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
[]	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
[X]	D. OTHER (Specify type of modification and authority) Unilateral modification in accordance with FAR 52.232-22 Limitation of Funds

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return ___ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE PAGE 2

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Lorri J Loveland, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/Lorri J Loveland (Signature of Contracting Officer)	16C. DATE SIGNED 30-Mar-2011

NSN 7540-01-152-8070

PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)

Prescribed by GSA
FAR (48 CFR) 53.243

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GENERAL INFORMATION

The purpose of this modification is to add an increment of funding in the amount of [REDACTED]. Accordingly,

1) The total amount of funds obligated to the task is hereby increased from [REDACTED] by [REDACTED] to [REDACTED]. The total remaining unfunded balances is [REDACTED].

2) Sections B and G are revised to add the following:

CLIN/SLIN	Type Of Fund	From (\$)	By (\$)	To (\$)
400010	O&MN,N	0.00	[REDACTED]	[REDACTED]
400011	OTHER	0.00	[REDACTED]	[REDACTED]
400012	O&MN,N	0.00	[REDACTED]	[REDACTED]
400013	RDT&E	0.00	[REDACTED]	[REDACTED]
600007	O&MN,N	0.00	[REDACTED]	[REDACTED]
600008	O&MN,N	0.00	[REDACTED]	[REDACTED]
600009	RDT&E	0.00	[REDACTED]	[REDACTED]

3) The total value of the order is hereby increased by [REDACTED] from [REDACTED] to [REDACTED].

4) Section G Clause entitled "SEA 5252.232-9104 ALLOTMENT OF FUNDS (MAY 1993)" has been revised to read as follows:

ITEM(S)	ALLOTED TO COST	ALLOTED TO FEE	PERIOD OF PERFORMANCE
4000	[REDACTED]	[REDACTED]	5 Years
6000	[REDACTED]	N/A	5 Years

5) The Accounting and Appropriation Data added to Section G is as follows:

MOD 03

400010 10474177 [REDACTED]
LLA :
AJ 97X4930 NH1C 000 77777 0 000167 2F 000000 111612013410

400011 10680445 [REDACTED]
LLA :
AK 97X4930 NH1C 000 77777 0 000167 2F 000000 992606000810

400012 10690717 [REDACTED]
LLA :
AL 1711804 8U5N 252 V5S00 0 050120 2D 000000 A00000681769
Standard Number: N0002411RX01371/AA PR#1400183587

400013 10835942 [REDACTED]
LLA :
AM 97X4930 NH1C 000 77777 0 000167 2F 000000 111653031430

600007 10474185 [REDACTED]
LLA :
AJ 97X4930 NH1C 000 77777 0 000167 2F 000000 111612013410

600008 10690728 [REDACTED]
LLA :
AL 1711804 8U5N 252 V5S00 0 050120 2D 000000 A00000681769
Standard Number: N0002411RX01371/AA PR#1400183587

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600009 10835967 [REDACTED]
LLA :
AM 97X4930 NH1C 000 77777 0 000167 2F 000000 111653031430

MOD 03 Funding [REDACTED]
Cumulative Funding [REDACTED]

6) The end of task order performance remains unchanged at 30 September 2015.

A conformed copy of this Task Order is attached to this modification for informational purposes only.

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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 services in composite materials, structural engineering and testing, naval architecture, and program management in accordance with Section C (TBD)	1.0 Lot	[REDACTED]	[REDACTED]	[REDACTED]
400001	Incremental Funding in the amount of [REDACTED] TI 01 (RDT&E)				
400002	Incremental Funding in the amount of [REDACTED] TI 02 (RDT&E)				
400003	Incremental Funding in the amount of [REDACTED] TI 03 (OTHER)				
400004	Incremental Funding in the amount of [REDACTED] TI 04 (O&MN,N)				
400005	Incremental Funding in the amount of [REDACTED] TI 01 (RDT&E)				
400006	Incremental Funding in the amount of [REDACTED] TI 05 (O&MN,N)				
400007	Incremental Funding in the amount of [REDACTED] TI 06 (O&MN,N)				
400008	Incremental Funding in the amount of [REDACTED] TI 07 (OTHER)				
400009	Incremental Funding in the				

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amount of [REDACTED]
TI 07 (RDT&E)

400010 Incremental
Funding in the
amount of [REDACTED]
TI 08 (O&MN,N)

400011 Incremental
Funding in the
amount of [REDACTED]
TI 07 (OTHER)

400012 Incremental
Funding in the
amount of [REDACTED]
TI 09 (O&MN,N)

400013 Incremental
Funding in the
amount of [REDACTED]
TI 10 (RDT&E)

For ODC Items:

Item	Supplies/Services Qty	Unit Est. Cost
6000	Not to Exceed Other Direct Costs to include materials, travel, miscellaneous costs, and any applicable indirect costs (TBD)	1.0 Lot [REDACTED]
600001	Incremental Funding in the amount of [REDACTED] TI 01 (RDT&E)	
600002	Incremental Funding in the amount of [REDACTED] TI 02 (RDT&E)	
600003	Incremental Funding in the amount of [REDACTED] TI 03 (OTHER)	
600004	Incremental Funding in the amount of [REDACTED] TI 04 (O&MN,N)	
600005	Incremental Funding in the amount of [REDACTED] TI 05 (O&MN,N)	

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600006 Incremental
Funding in the
amount of [REDACTED]
TI 06 (O&MN,N)

600007 Incremental
Funding in the
amount of [REDACTED]
TI 08 (O&MN,N)

600008 Incremental
Funding in the
amount of [REDACTED] TI
09 (O&MN,N)

600009 Incremental
Funding in the
amount of [REDACTED]
TI 10 (RDT&E)

The fee percentage applied under CLIN 4000 is [REDACTED]

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

This is a performance based Statement of Work. The effort performed hereunder will be evaluated in accordance with the performance standards/acceptable quality levels described below and the evaluation methods described in provision CAR-H09 in Section H.

SECTION C DESCRIPTIONS AND SPECIFICATIONS

Ship and Underwater Systems Structure and Structural Design, Engineering, and Structural Testing Support Services

1.0 Background

The Naval Surface Warfare Center, Carderock Division (NSWCCD) Survivability, Structures, & Materials Directorate, Structures and Composites Division, Code 65 is responsible for developing structural design technology and formulating structural design technical authority policy for U.S. Navy surface ships and underwater systems including submarines, deep submergence vehicles and undersea structures. The Division conducts research, development, test and evaluation, and fleet support efforts to enhance the performance of existing and new structural materials as applied to ship and submarine platforms with the objective of reducing program acquisition and life-cycle costs. Code 65 requires support in developing and applying advanced composite materials, and structural analyses. Further, Code 65 needs assistance in the development and assessment of concepts and technologies for improving the performance, survivability, reliability, and reduce the cost of current and future surface ships and underwater systems (including commissioned submarines, submarines under construction, submersibles and deep submergence research vehicles). This statement of work describes the requirements to provide support to NSWCCD for these requirements.

2.0 SCOPE

The contractor shall provide engineering and technical services in composite materials, structural engineering and testing, naval architecture, and program management to support surface ship and submarine structures and technology issues identified by NAVSEA 05P and NSWCCD Code 65. The topics shall be selected from the full range of advanced composite materials and structural/naval engineering concepts under development at NAVSEA, Office of Naval Research (ONR), and NSWCCD for future surface and submarine systems. The work shall be performed at the Contractor's facility and at NSWCCD in West Bethesda, MD.

Specifically, the contractor shall assist NSWCCD in the following:

2.1 Underwater Systems Structural Support. The contractor shall provide assistance in design, analysis, fabrication and testing of these systems. These subtasks include but are not limited to the following:

2.1.1 The contractor shall provide assistance in the procurement and specification of the procurement of materials for underwater systems in a variety of product forms that include but may not be limited to: plate, forging, casting, sheet, billet, rod, pipe, tube, and ingot. The contractor shall provide these materials as required.

2.1.2 The contractor shall provide structural design support for existing, conceptual, and replacement combatant submarine structures including hulls, pressure hulls, sections, hull insertions, appendages, propulsors, and external volumes; and, for submersibles, submarine research vehicles, and deep submergence pressure hull structural systems (e.g., the submarine Dry Deck Shelter).

2.1.3 The contractor shall provide engineering services to NSWCCD during all phases of the pressure hull structural design process with emphasis in the areas of structural stability, inelastic collapse, and fatigue and fracture. The contractor shall ensure design satisfies design criteria; recommend modeling approaches; develop, analyze and modify models; evaluate scaled model performance; test and certify scaled and full-size model designs; etc. The contractor shall review and comment on reports and design documents generated for NAVSEA and NSWCCD during the conceptual, preliminary and final pressure hull structural design process.

2.1.4 The contractor shall resolve emergent structural design problems in fleet submarines. The contractor shall assist in the design and analysis of pressure hull modifications; perform tank corrosion assessments; perform bulkhead design and assessment; and, review, evaluate, and comment on structural drawings, calculation packages, data sheets and other shipbuilder submittals.

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2.1.5 The contractor shall assist in performing failure analysis of external implodable volumes integrated into submarine hulls. The contractor shall conduct design research to minimize implodable collapse damage and enhance hull and platform survivability.

2.1.6 The contractor shall perform finite element modeling of both conventional metallic and non-metallic (composite) materials for underwater systems. The contractor shall develop geometric models as a basis for creation of finite element models, support finite element meshing and model debugging, use analysis software (e.g., ABAQUS, NASTRAN, STAGS) to perform case studies and provide modeling process documentation and engineering evaluations.

2.2 Surface Ship Structural Support. The contractor shall provide assistance in design, analysis, fabrication and testing of these systems. These subtasks include but are not limited to the following:

2.2.1 The contractor shall provide assistance in the procurement and specification of the procurement of materials for surface ship systems in a variety of product forms that include but may not be limited to: plate, forging, casting, sheet, billet, rod, pipe, tube, and ingot. The contractor shall provide these materials as required.

2.2.2 The contractor shall perform structural design and analysis of advanced lightweight structural materials (including composites) and steels for existing and conceptual combatant surface ship structures including hulls, superstructure, secondary structure, and miscellaneous Hull, Mechanical and Electrical equipments and systems. Additionally, the contractor shall design, fabricate and test structural test articles, including grillage structures for certification of advanced ship structural concepts.

2.2.3 The contractor shall provide assistance with structural design issues related to the incorporation of advanced lightweight structural materials (including Laser-Welded Corrugated Core (LASCOR) technology) and High-Strength Low Alloy (HSLA) steels into CVN carriers. The contractor shall provide consultation, review, and report on documents related to application development areas including materials and steels predictive capabilities, testing, joining, welding, manufacturing, certification, repair and shipboard integration. The contractor shall provide, review and evaluate weight impact, design option, and cost trade-off studies and reports.

2.2.4 The contractor shall review the materials and structural engineering design and analysis of Ship Change Documents (SCD's), Liaison Action Requests (LAR's), Departure from Specifications (DFS's); and repair items for surface ships and carriers. Further, the contractor senior engineer shall evaluate the impact of changes and repairs to surface ship and carrier structural systems and ensure proper integration with related areas such as corrosion, fatigue and fracture resistance vulnerability, damage control, etc.

2.2.5 The contractor shall perform design studies as requested by the Technical Point of Contact (TPOC) in support of CVN68 class modernization and emergent issues and evaluate the impact of major system modifications (such as arresting gear, protection systems, C4I antennas, etc) on CVN 68 class ship design, and recommend changes as necessary.

2.2.6 The contractor shall perform finite element modeling of advanced lightweight materials (including composites) and metals for existing and conceptual combatant surface ship structures. The contractor shall develop geometric models as a basis for creation of finite element models, support finite element meshing and model debugging, use analysis software (e.g., ABAQUS, NASTRAN, STAGS) to perform case studies, provide modeling process documentation and engineering evaluations.

2.2.7 The contractor shall provide assistance in the fabrication of composite material and composite metal hybrid structures utilizing Vacuum Assisted Resin Transfer Molding (VARTM) or vacuum bag prepreg materials and processes. The contractor shall provide these fabrication services and materials as required.

2.3. Structural Tests, Test Systems Operation, Instrumentation, and Data Acquisition Support The contractor shall provide assistance in planning, preparation, acquiring data, testing, and analysis of structural tests in Code 65 facilities. Attachment A, B and C provides a description of these facilities. These subtasks include but are not limited to the following:

2.3.1 The contractor shall provide on-site services including the installation, operation, and maintenance of test equipment and machines located in the Deep Submergence Tank Facility (A Bay), Fatigue and Grillage Test Facility (B Bay), and Free Form Test Facility (C Bay) of Bldg. 19, NSWCCD, Bethesda, MD . The contractor will support the conduct of static, dynamic and cyclic load tests of large structural test articles such as composite joints and grillage structures and perform associated tasks including the installing, operation and maintenance of test fixtures and loading apparatus, the operation and maintenance of hydraulic power supplies, the operation of servo-hydraulic jacks, the installing, the operation and maintenance of sensors and recording instrumentation, and, the installing and operation of parallel processing computer systems and associated hardware for data collection and reduction.

2.3.2 The contractor shall design specific test setups and program and operate the Computational Control System load control and data acquisition systems located in the Free Form Test Facility (C Bay) of Bldg. 19, NSWCCD, Bethesda, MD. The contractor shall configure loading arrangements for a wide array of tests on various types of components including propeller blades, composite beams, and hull section models. The contractor shall provide on-site services at the NSWCCD, Bldg. 19 C Bay Test Facility, in Bethesda, MD.

2.3.3 The contractor shall provide facilities for fabrication, machining, and assemble of structural items and specimens

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and procure materials as required. Further, the contractor shall have at his disposal test facilities that can conduct strength and other basic property tests.

2.4 Ship and Underwater Structures Technical Reports. The contractor shall provide assistance with preparation, editing, and tracking of technical report(s) documenting work performed, test results, recommendations and critical references related to structural testing, analysis, and design of ship and underwater systems. Provide review and technical comment on Code 65 and other technical reports, letters, and memorandums as requested by the TOM.

2.5 Program Management. The contractor shall provide assistance in managing NSWCCD cooperative research program with other nations. The technical and management support shall include development and monitoring of the detailed execution plan schedules and deliverables, preparation of meeting reports, and development and tracking of action items and preparation of required documentation and presentation materials for NAVSEA, ONR and OSD-level briefings on the programs.

2.6 CAD and Drafting Services. The contractor shall provide assistance in computer aided design, mechanical drafting and structural testing to support NSWCCD Code 65 and NAVSEA 05P. This support shall include providing detailed technical drawings of structural test specimens, fixturing, and associated equipment, materials, and facilities.

3.0 GOVERNMENT FURNISHED RESOURCES

3.1 Government Furnished Information (GFI): GFI items shall be provided to the contractor by Code 65, NSWCCD, as required in support of the task order throughout the period of performance. The contractor shall return this GFI to Code 65, NSWCCD, within thirty (30) days of task order's work completion date.

3.2 Government Furnished Property (GFP): None.

3.3 Government-Furnished Facilities (GFF): The contractor will require access to Code 65, NSWCCD, office and test bay facilities located in Bldg. 19 at NSWCCD, Bethesda, MD, to support Section 1.3. The following labor categories will require regular access to these Government spaces:
Mechanical Test Technician

4.0 DELIVERABLE ITEMS

Reports shall be delivered according to the following schedule:

Report Name:	1st Submission Date	Subsequent Submission Date
Document Review Summary	ASREQ	ASREQ
Technical Report - Study/Services	ASREQ	ASREQ
Scientific and Technical Report	ASREQ	ASREQ
Project Management	ASREQ	ASREQ
Monthly Status Report	15 DATO	MONTHLY

4.1 Document Review Summary. The contractor shall review and evaluate technical documents and provide a Document Review Summary as required by the NSWCCD Task Order Manager (TOM) or his/her technical representative. The types of technical documents can include (but are not limited to) design criteria, design guidelines, handbooks, engineering standards, specifications and drawings, finite element analyses, fatigue or stress analyses, calculation packages, Deep Submergence Systems (DSS)-Scope of Certification (SOC) documents, manufacturing plans, inspection processes and procedural manuals, reliability predictions, failure analyses, fracture and fatigue engineering analyses, test article and model design concept and fabrication packages, test fixture, test plan and instrumentation methodologies for small and large-scale model tests and at-sea trials, test reports and data results, and, structural repair and in-service support methodologies. The contractor shall review document content to assess its technical adequacy, accuracy, completeness, and formatting; identify technical problems and issues; provide recommendations; and perform other similar tasks directed by the government. Contractor-prescribed format and page length is acceptable with the approval of the TOM. At a minimum, the content of the Document Review Summary should include description of the document reviewed, summary of the contractor's analytical review,

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identified technical problems and issues, and recommendations resulting from evaluation of document content.

4.2 Technical Report – Study/Services. The contractor will document results of studies or analyses performed and deliver a resulting Technical Report – Study/Services as required by the TOM. The types of studies or analyses that can be documented in a Technical Report – Study/Services deliverable can include (but are not limited to): position papers; technology development summaries (historical and recent structural design technology developments); feasibility studies; design and fabrication cost analyses; test article design and fabrication methodologies; test and test instrumentation methods and plans; and, test results/summaries including data analyses, findings and recommendations. Contractor-prescribed format and page length is acceptable with the approval of the TOM.

4.3 Scientific and Technical Report. The contractor will document and disseminate the results of analytical studies, research, development, test and evaluation (RDTE) on an assigned task as required by the NSWCCD TOM or his/her technical representative. Such reports are considered formal in nature, comply in substance with ANSI/NISO Z39.18.95, and will become an official, numbered technical report of the NSWC, Carderock Division, subject to DOD security and distribution requirements. Contractor format and page length is acceptable with the approval of the TOM or his/her designated technical representative.

4.4 Project Management Deliverables. The contractor shall provide deliverables as requested by the TOM to assist the Government in the performance of project management functions. The types of support deliverables include (but are not limited to):

a. Compilations of technical and non-technical information (i.e., financial tracking, expenditure and expenditure projection information);

b. Near- and long-term project schedules and milestone charts;

c. Presentation materials including input for Powerpoint slide shows and handouts;

d. Meeting coordination planning and administrative support;

e. Preparation of meeting agendas;

f. Attendance at meetings and facilitation of meeting discussion;

g. Formal reporting of technical meeting / review proceedings via deliverable, Record of Meeting/Minutes Report.

4.5 Monthly Status Report. The contractor shall provide a monthly status report to the NSWCCD TOM identifying funds expended to date, the work that had been performed during the month, deliverables that had been submitted, and the name of the designated technical representative for whom work or deliverable was performed. Travel accomplished and materials purchased will be identified. While contractor format is acceptable, with government's approval, the following information shall appear in each progress report:

a. Administrative Information: Contract number, title, period of performance, total value, government TOM, contractor TOM, date of report and period covered

b. Performance Data:

Work Performed during the reporting period supporting paras. 1.1 – 1.6 of Section C. Describe deliverables, travel, and materials purchased by contractor performer

Work In Progress with planned completion date

Work Deferred pending further guidance and/or clarification

c. Financial Data:

Funds Received

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Funds expended Current Period

Funds expended Cumulative

Funds Remaining

d. Man Hour Data:

Hours funded by labor category

Hours expended by labor category during the report period

Hours cumulatively expended by labor category

Hours remaining by labor category

4.6 The preferred method of submission is by email unless the nature of content and attachments renders electronic sending impractical. The contractor shall e-mail deliverables to the NSWCCD TOM and to the applicable technical representative.

4.7 Documentation generated under this order shall have the following Distribution Limitation Statement and Destruction Notice affixed to the front cover and title page (if any):

DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DEPARTMENT OF DEFENSE AND U.S. DOD CONTRACTORS ONLY, ADMINISTRATIVE/OPERATIONAL USE; JUNE 2005. OTHER REQUESTS FOR THIS DOCUMENT MUST BE REFERRED TO THE NAVAL SURFACE WARFARE CENTER, CARDEROCK DIVISION, CODE 65, 9500 MACARTHUR BLVD., WEST BETHESDA, MD, 20817-5700.

DESTRUCTION NOTICE – FOR CLASSIFIED DOCUMENTS, FOLLOW THE PROCEDURES IN DOD 5220.22-M NATIONAL INDUSTRIAL SECURITY PROGRAM OPERATING MANUAL, CHAPTER 5, SECTION 7 OR DOD 5200.1-R, INFORMATION SECURITY PROGRAM REGULATION. FOR UNCLASSIFIED, LIMITED DOCUMENTS, DESTROY BY ANY METHOD THAT WILL PREVENT DISCLOSURE OF CONTENTS OR RECONSTRUCTION OF THE DOCUMENT.

5.0 PLACE OF PERFORMANCE

It is anticipated that the majority of the effort will be performed at the Contractor's facility. The mechanical test technician will be located on site at NSWCCD.

6.0 CONTRACTOR'S FACILITY

The Contractor will be required to provide conference facilities that can host up to 20 foreign nationals and 20 US citizens in one room. Conference facilities should have equipment for MS PowerPoint type presentations and video-conferencing.

7.0 PERIOD OF PERFORMANCE

The period of performance of this task order shall be five (5) years from the effective date of award.

8.0 TRAVEL

Travel by Contractor personnel will be required from the contractor's facility to CARDEROCKDIV NSWC, Bethesda, MD and the contractor's facility to the Washington Navy Yard. In addition the contractor shall provide:

8.1 On an annual basis, the contractor shall attend an estimated twenty (20) technical reviews / meetings at NSWCCD, Bethesda, MD, in support of Section 1.1 above, as well as twenty (20) one-day, technical reviews / meetings held at local government or private company locations specified by NSWCCD. ("Local" is defined as being within a 50-mile

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radius of NSWCDD, Bethesda, MD). In addition, on an annual basis, one contractor person will need to attend an estimated four (4), 2-day meetings at Groton, CT.

8.2 On an annual basis, the contractor shall attend an estimated twelve (12) technical reviews / meetings at NSWCDD, Bethesda, MD, in support of Para. 1.2 requirements, as well as twelve (12) one-day, technical reviews / meetings held at local government or private company locations. ("Local" is defined as being within a 50-mile radius of NSWCDD, Bethesda, MD). In addition, estimated travel on an annual basis of one person to three (3) multi-day events at Northrop Grumman Newport News, Newport News VA and three (3) multi-day events at Puget Sound Naval Shipyard, Seattle WA.

8.3 The contractor shall annually support instrumentation and testing at three (3) one-week, off-site docked ship or submarine at Norfolk, VA, and at a West Coast location (probably San Diego, CA).

8.4 On an annual basis, one contractor person shall make an estimated twenty six (26) trips to NSWCDD, Bethesda, MD, in support of management requirements.

8.5 Additional long distance or any foreign travel shall be authorized as required by the TOM.

9.0 SECURITY

During the performance of this task, the contractor may receive information classified to the level of SECRET, as indicated on the Attached DD Form 254, Contract Security Classification Specification.

10.0 RELEASE OF INFORMATION

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

11.0 PERSONNEL

The level of effort for the performance of this task order is based upon 57,055 person-hours of direct labor distributed over a five (5) year period of performance. Regardless of the offeror's labor categories (including those of any subcontractor), each offeror must base his labor costs on personnel fitting the following labor categories. Contractor personnel for all labor categories except Mechanical Test Technician and Mechanical Designer/Drafter must be cleared at the SECRET level. The following table summarizes the labor categories and hours per year:

	Hours per Year	Site
KEY PERSONNEL		
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
NON-KEY PERSONNEL		
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]

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[REDACTED]

Total Direct Labor Per Year

[REDACTED]

11.1. Key Personnel - The following key personnel and the target education and experience levels required for their positions shall be provided for performance of this task order:

1. Program Manager (1 Resume): Should have a bachelor's degree from an accredited university in the field of engineering, and a minimum of 15 years of experience in Navy structures and materials. Experience should include work in dealing with ship and submarine structures, advanced composites, welding, and corrosion control. Prior experience in international cooperative research programs is highly desirable. The Program Manager should have a working knowledge of individual will oversee the receipt and execution of task orders, the execution of schedule, the tracking of funds expended and remaining, the assignment of technical staff, the timely reporting and resolution of problems, and the management of risk factors.

2. Metallurgical Engineer (1 Resume): Experience should demonstrate a broad range of alloys and alloy systems. Should have a master's degree from an accredited university in the field of engineering, and a minimum of 25 years of Navy metallic materials experience. Experience should include low cycle fatigue, fracture mechanics, and both HY and HSLA alloy systems. The metallurgical engineer should have a working knowledge of report(s) documenting findings and recommendations and procedures for collection and analysis of background data from literature and from Navy testing programs, the development of materials test plans and the development and evaluation of material certification plans. The metallurgical engineer should have the ability to provide expertise in the procurement and specification of the procurement of materials in a variety of product forms that include but are not limited to: plate, forging, casting, sheet, billet, rod, pipe, tube, and ingot.

3. Mech/Structural Engineer (Underwater Systems) (1 Resume): Should have a master's degree from an accredited university in the field of engineering, and a minimum of 25 years of Navy structural engineering or naval architecture experience. Experience should include structural engineering technical support with an emphasis on underwater systems in the areas of structural stability, inelastic collapse, design procedures, assessment of analytical methods, and advanced structural concepts. The structural engineer should have the ability to provide technical support related to underwater system design criteria and recommend modeling approaches and evaluate model performance.

4. Mech/Structural Engineer (Surface Ship) (1 Resume): Should have a master's degree from an accredited university in the field of engineering, and a minimum of 25 years of Navy structural engineering or naval architecture experience. Experience should include structural engineering technical support with an emphasis on surface ship systems and carriers. The structural engineer should demonstrate experience in the preparation, editing, and tracking of technical summary reports documenting work performed, test results, and critical recommendations related to surface ship system design, construction and/or repair or modification.

5. Mechanical Test Technician (1 Resume): Should have a minimum 20 years of structural test experience. Knowledge of strain gage installation, load cells, hydraulics actuators, displacement transducers and other sensors is required. Prior experience in testing of large structures and components is highly desired.

11.2. Non-Key Personnel - The following non-key personnel and the education and experience levels required for their positions shall be provided for performance of this task order:

6. Mechanical Test Technician (1 Individual): shall have a minimum 20 years of relevant structural test experience. Knowledge of strain gage installation, load cells, hydraulics actuators, displacement transducers and other sensors is required. Prior experience in testing of large structures and components is required.

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7. Mechanical Engineer (2 Individuals): Shall have a minimum of five (5) years experience in fracture and fatigue in surface ship structures. This individual will be responsible for the design and checking of drawings, analysis of mechanical test specimens.

8. Materials Engineer (1 Individual): Shall have a minimum of 5 years experience. The materials engineer shall have a thorough knowledge of material testing include all aspects of fatigue, fracture, strength, ductility, characterization, constitutive modeling, structural element, corrosion, weld, and other related test is critical to provide data analysis software upgrades.

9. Mechanical Designer/Drafter (1 Individual): Shall have a minimum of 4 years of experience, or shall have a minimum of 2 years of experience in addition to formal education and training. The CAD drafting technician shall have experience in developing drawings compatible with the Navy Marine Corps Internet network, of specimen drawings, fixtures and associated facilities.

10. Structural Engineer (Underwater Systems) (1 Individual): Shall have a bachelor's degree from an accredited university in the field of engineering, and a minimum of 20 years of structural engineering or naval architecture experience. Experience shall include technical support with emphasis on underwater systems in the areas of structural stability, inelastic collapse, design procedures, assessment of analytical methods, and advanced structural concepts. The structural engineer (underwater systems) shall have experience related to underwater system design criteria, recommending modeling approaches, and evaluating model performance.

11. Structural Engineer (Risk and Reliability) (1 Individual): Shall have an advanced degree from an accredited university in the field of engineering. Experience shall include risk- and reliability-based design methods for conventional and advanced structures used in Navy surface ships, including high speed vessels. The structural engineer (risk and reliability) shall have experience with structural reliability analysis and its application toward life prediction and risk assessment. Further, the structural engineer (risk and reliability) shall have practical experience with assessments of the structural integrity and adequacy of ship structure, including lightweight, advanced structure utilizing aluminum in particular.

12. Structural Engineer (Surface Ship) (2 Individuals): Shall have a master's degree from an accredited university in the field of engineering, and a minimum of 20 years of Navy structural engineering or naval architecture experience. Experience shall include structural engineering technical support with an emphasis on surface ship systems and carriers. The structural engineer shall demonstrate experience in the preparation, editing, and tracking of technical summary reports documenting work performed, test results, and critical recommendations related to surface ship system design, construction and/or repair or modification.

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SECTION D PACKAGING AND MARKING

Packaging and Marking shall be in accordance with Section D of the base contract.

Deliverables - The deliverables as specified in Section 6 of the Statement of Work, shall be delivered to the TOM electronically and/or mailed to:

N00167

[REDACTED]
Naval Surface Warfare Center
Carderock Division
9500 MacArthur Blvd.
West Bethesda, MD 20817
[REDACTED]
[REDACTED]

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SECTION E INSPECTION AND ACCEPTANCE

Inspection and acceptance shall be performed at destination by the Task Order Manager (TOM).

N00167

[REDACTED]
Naval Surface Warfare Center
Carderock Division
9500 MacArthur Blvd.
West Bethesda, MD 20817
[REDACTED]
[REDACTED]

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SECTION F DELIVERABLES OR PERFORMANCE

CLIN - DELIVERIES OR PERFORMANCE

N00167

[REDACTED]
Naval Surface Warfare Center
Carderock Division
9500 MacArthur Blvd.
West Bethesda, MD 20817
[REDACTED]
[REDACTED]

52.211-8 TIME OF DELIVERY (JUN 1997)

(a) The Government requires delivery to be made according to the following schedule:

Item No.	Quantity	Within Days After Date of Task Order
4000 & 6000	All	Five (5) Years

(End of clause)

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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:

$$\text{Fee Reduction} = \text{Fee} \times ((\text{Required LOE} - \text{Expended LOE}) / \text{Required LOE})$$

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.

(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

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ITEM(S)	ALLOTTED TO COST	ALLOTTED TO FEE	PERIOD OF PERFORMANCE
4000	\$ [REDACTED]	[REDACTED]	5 Years
6000	\$ [REDACTED]	N/A	5 Years

(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 400001 through 400013, and 600001 through 600009 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

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

Contract CPFF	Funds This Action	Previous Funding	Funds Available	Balance Unfunded
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

(End of Clause)

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

(a) In accordance with the clause of this contract entitled "ELECTRONIC SUBMISSION OF PAYMENT REQUESTS AND RECEIVING REPORTS" (DFAR 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

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at <http://acquisition.navy.mil/navvaos/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.gb.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, DD 250 Only)

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

Issue DODAAC	<u> N00167 </u>
Admin DODAAC	<u> S2404A </u>
Pay Office DODAAC	<u> HQ0338 </u>
Service Acceptor DODAAC	<u> N00167 </u>
Service Approver DODAAC	<u> N00167 </u>
Ship To DODAAC	<u> See Section F </u>
DCAA Auditor DODAAC	<u> HAA721 </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 comment(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.

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Send Additional Email Notification To: [REDACTED]

(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. Contractor 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 WAWF point of contact at (301) 227-5419.

```
Accounting Data
SLINID  PR Number      Amount
-----
400001  02674171          [REDACTED]
LLA :
AA 97X4930 NH1C 000 77777 0 000167 2F 000000 101913180515

400002  02674199          [REDACTED]
LLA :
AB 97X4930 NH1C 000 77777 0 000167 2F 000000 101651011420

600001  02674171          [REDACTED]
LLA :
AA 97X4930 NH1C 000 77777 0 000167 2F 000000 101913180515

600002  02674199          [REDACTED]
LLA :
AB 97X4930 NH1C 000 77777 0 000167 2F 000000 101651011420
```

BASE Funding [REDACTED]
Cumulative Funding [REDACTED]

```
MOD 01

400003  03125719          [REDACTED]
LLA :
AC 97X4930 NH1C 000 77777 0 000167 2F 000000 992606000510

600003  03125731          [REDACTED]
LLA :
AC 97X4930 NH1C 000 77777 0 000167 2F 000000 992606000510
```

MOD 01 Funding [REDACTED]
Cumulative Funding [REDACTED]

```
MOD 02

400004  10421780          [REDACTED]
LLA :
AD 97X4930 NH1C 000 77777 0 000167 2F 000000 111912871382

400005  10421845          [REDACTED]
LLA :
AE 97X4930 NH1C 000 77777 0 000167 2F 000000 111652022160

400006  10453099          [REDACTED]
LLA :
AF 1711804 8RZ3 252 V7400 0 050120 2D 000000 A00000650685 N0002411RX00996/AA PR#1400
```

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178465

Standard Number: N0002411RX00996/AA PR#1400178465

400007 10453134

LLA :

AF 1711804 8RZ3 252 V7400 0 050120 2D 000000 A00000650685 N0002411RX00996/AA PR#1400

178465

Standard Number: N0002411RX00996/AA PR#1400178465

400008 10463822

LLA :

AG 97X4930 NH1C 000 77777 0 000167 2F 000000 992606000111

400009 10463824

LLA :

AH 97X4930 NH1C 000 77777 0 000167 2F 000000 111654044010

600004 10421781

LLA :

AD 97X4930 NH1C 000 77777 0 000167 2F 000000 111912871382

600005 10453112

LLA :

AF 1711804 8RZ3 252 V7400 0 050120 2D 000000 A00000650685 N0002411RX00996/AA PR#1400

178465

Standard Number: N0002411RX00996/AA PR#1400178465

600006 10453142

LLA :

AF 1711804 8RZ3 252 V7400 0 050120 2D 000000 A00000650685 N0002411RX00996/AA PR#1400

178465

Standard Number: N0002411RX00996/AA PR#1400178465

MOD 02 Funding

Cumulative Funding

MOD 03

400010 10474177

LLA :

AJ 97X4930 NH1C 000 77777 0 000167 2F 000000 111612013410

400011 10680445

LLA :

AK 97X4930 NH1C 000 77777 0 000167 2F 000000 992606000810

400012 10690717

LLA :

AL 1711804 8U5N 252 V5S00 0 050120 2D 000000 A00000681769

Standard Number: N0002411RX01371/AA PR#1400183587

400013 10835942

LLA :

AM 97X4930 NH1C 000 77777 0 000167 2F 000000 111653031430

600007 10474185

LLA :

AJ 97X4930 NH1C 000 77777 0 000167 2F 000000 111612013410

600008 10690728

LLA :

AL 1711804 8U5N 252 V5S00 0 050120 2D 000000 A00000681769

Standard Number: N0002411RX01371/AA PR#1400183587

600009 10835967

LLA :

AM 97X4930 NH1C 000 77777 0 000167 2F 000000 111653031430

MOD 03 Funding

Cumulative Funding

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SECTION H SPECIAL CONTRACT REQUIREMENTS

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

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.

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(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 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). Contractor provides highly qualified personnel.

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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 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
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
Cost Management	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, accurate,

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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.	and pro-active. 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.

(End of Clause)

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SECTION I CONTRACT CLAUSES

Clause no. 252.204-7000 DISCLOSURE OF INFORMATION is hereby incorporated into this task order.

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 [To be specified at time of award] 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;
 - (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.

252.239-7000 PROTECTION AGAINST COMPROMISING EMANATIONS (JUN 2004)

(a) The Contractor shall provide or use only information technology, as specified by the Government, that has been accredited to meet the appropriate information assurance requirements of--

- (1) The National Security Agency National TEMPEST Standards (NACSEM No. 5100 or NACSEM No. 5100A, Compromising Emanations Laboratory Test Standard, Electromagnetics (U)); or
 - (2) Other standards specified by this contract, including the date through which the required accreditation is current or valid for the contract.
- (b) Upon request of the Contracting Officer, the Contractor shall provide documentation supporting the accreditation.
- (c) The Government may, as part of its inspection and acceptance, conduct additional tests to ensure that information technology delivered under this contract satisfies the information assurance standards specified. The Government may conduct additional tests--

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- (1) At the installation site or contractor's facility; and
- (2) Notwithstanding the existence of valid accreditations of information technology prior to the award of this contract.
- (d) Unless otherwise provided in this contract under the Warranty of Supplies or Warranty of Systems and Equipment clause, the Contractor shall correct or replace accepted information technology found to be deficient within 1 year after proper installations.

(1) The correction or replacement shall be at no cost to the Government.

(2) Should a modification to the delivered information technology be made by the Contractor, the 1-year period applies to the modification upon its proper installation.

(3) This paragraph (d) applies regardless of f.o.b. point or the point of acceptance of the deficient information technology.

(End of clause)

252.239-7001 INFORMATION ASSURANCE CONTRACTOR TRAINING AND CERTIFICATION (JAN 2008)

(a) The Contractor shall ensure that personnel accessing information systems have the proper and current information assurance certification to perform information assurance functions in accordance with DoD 8570.01-M, Information Assurance Workforce Improvement Program. The Contractor shall meet the applicable information assurance certification requirements, including—

(1) DoD-approved information assurance workforce certifications appropriate for each category and level as listed in the current version of DoD 8570.01-M; and

(2) Appropriate operating system certification for information assurance technical positions as required by DoD 8570.01-M.

(b) Upon request by the Government, the Contractor shall provide documentation supporting the information assurance certification status of personnel performing information assurance functions.

(c) Contractor personnel who do not have proper and current certifications shall be denied access to DoD information systems for the purpose of performing information assurance functions.

(End of clause)

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.

(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.

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(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)

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SECTION J LIST OF ATTACHMENTS

Attachment A

Attachment B

Attachment C

CARH10

Revised DD254

Revised Subcontracting Goals