

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE U	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 33	3. EFFECTIVE DATE 16-Nov-2009	4. REQUISITION/PURCHASE REQ. NO. N66604-7136-2481-990	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY NUWC, NEWPORT DIVISION Simonpietri Drive, Building 11 Newport RI 02841-1706	CODE N66604	7. ADMINISTERED BY (If other than Item 6) DCMA ATLANTA 2300 LAKE PARK DRIVE, SUITE 300 SMYRNA GA 30080	CODE S1103A

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Advanced Solutions For Tomorrow 295 W. Crossville Rd. Bldg 200 Roswell GA 30075	9A. AMENDMENT OF SOLICITATION NO.	
	9B. DATED (SEE ITEM 11)	
	10A. MODIFICATION OF CONTRACT/ORDER NO. N00178-04-D-4003-N407	
CAGE CODE OWGLO	FACILITY CODE 835146531	10B. DATED (SEE ITEM 11) 04-Apr-2008

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)

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

<input type="checkbox"/>	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.
<input type="checkbox"/>	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).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	D. OTHER (Specify type of modification and authority) FAR 52.204-2, SECURITY REQUIREMENT

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 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)	
[REDACTED]		[REDACTED]	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

STATEMENT OF WORK

1.0 BACKGROUND

The Naval Undersea Warfare Center Division, Newport, (NUWCDIVNPT) Code 25 provides Undersea Warfare (USW) Command and Control Systems corporate, scientific and engineering knowledge and facilities for planning, developing, and conducting research, advanced engineering and operational systems development to ensure undersea combat systems readiness.

The Submarine Command and Control Attack Center represents the U.S. Submarine Force open architecture standard based integration of combat system elements (sonar, imaging, Electronic Support Measures (ESM), combat control, radar, communications and weapons). The Attack center will undergo numerous modifications in the future to allow for the introduction of new sensor, vehicle and communication technology advances to improve the reach and tactical capability of the platform. These subsystems are not currently able to share and develop knowledge in support of operator decision-making. This leads to a need for human operators to supervise manual operations and attempt to develop and share knowledge to ensure appropriate tactical decisions are made. This process is highly susceptible to error, particularly under stressful operating conditions. Achieving goals of reducing the cost of operations through reductions in platform manning requirements will require software and hardware technology extensions to the current architecture.

To this end, a submarine Future Attack Center (FAC) capability is under development which will serve as a focal point for assessing new and emerging technologies which support the long term operational needs of the fleet. The facility will serve as an incubator space for innovation cells (Small Business Innovative Research (SBIRs), Advanced Processor Builds (APBs), Office of Naval Intelligence (ONR) advanced development efforts, etc.), as a close operational equivalent for the evaluation of Science & Technology initiatives, and as a virtual node in netted warfare experimentation. NUWCDIVNPT Code 25 requires technical and operational support to complete, evolve, and sustain this capability; to identify and assess new technologies in the automated decision support sciences that can dramatically contribute to the reduction of submarine attack center manning levels while maintaining the ability to safely and successfully execute USW missions; and to support technical experimentation, evaluation and assessment of new technologies. The desired result is a solution common to multiple platforms that can be rapidly fielded on all submarine classes.

The first instance of the Future Attack Center capability was procured with Capital Purchase Program (CPP) funds and stood up in Test Bay XII in Building 1259. This first instance provides an incubator space for the examination of a small combatant Command, Control, Communications, Computers and Intelligence (C4I) control center. The infrastructure (fiber connections, programmable switches, routers, firewalls, etc.) is in place to establish network connections to other Code 25 resources, other NUWCDIVNPT resources, and other DoD resources based on BYG-1 TI-04 Tactical Control (TC) system. The recent users of the facility include the Open Architecture Experimentation effort which included connections to the Advanced Rapid COTS Insertion (ARCI) laboratory in Building 1320, and to many participants throughout the country (Naval Surface Warfare Center (NSWC) Dahlgren VA; Progeny Systems Manassas VA; Lockheed Martin Akron OH, Agile Solutions Miami FL; etc.). The Long Term Tracker (LTT) APB 07 candidate technology Step 2 testing was performed on an APB 07 TI-06 configuration. Currently connections are in place to support Unmanned Underwater Vehicle (UUV) testing with the Command Node in the FAC and the UUV Simulation capability in the Combat System Technology Laboratory (CSTL) in Building 1171. The capability and reach of the FAC capability will evolve as candidate technologies provide its own specific set of hardware, software, and networking requirements.

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2.0 OBJECTIVES/SCOPE

The contractor shall provide engineering and technical services to:

Procure and install the hardware necessary to augment NUWCDIVNPT's existing Future Attack Center (FAC) and complete the establishment of a baseline AN/BYG-1 Technology Insertion (TI)-06 FAC facility.

Design, develop, and implement non-proprietary Future Attack Center hardware and software prototypes.

Procure and install Government approved hardware and software necessary to evolve the FAC's capability to be compatible with AN/BYG-1 Technology Insertions (TI) and Advanced Processor Builds (APB). Reference Section 3.0; Applicable documents 3.1, 3.2, 3.3

Support FAC's test and evaluation efforts of NUWCDIVNPT and external agency hardware and software prototypes that use the FAC as a prototyping test-bed.

Develop product assurance processes for approved prototypes in the areas of Configuration Management (CM), Integrated Logistics Support (ILS), Reliability, Maintainability and Availability (RMA), and Human System Integration (HSI).

Provide program management support for FAC programs.

Written guidance or specific direction shall be given to the contractor through the use of Technical Instructions.

2.1 CODE 25 CURRENT SYSTEMS INCLUDE:

VIRGINIA PROGRAMS such as: VA Class development, launchers, combat control, AN/BLQ-10, AN/BVS-1, VA class EWS

COMBAT CONTROL SYSTEMS such as: CCS MK (x), IDP, TC/WCAPB(T), ISE, Canadian LINK-11, ASDS, , ILS and Configuration,

TRIDENT CCS SYSTEMS, such as: CCS MK (x), AN/BQQ-5/6, EWS

IMAGING/EW WARFARE PROGRAMS such as: AN/WLR-8, AN/BRD-7, EW, Periscopes, EW special support, Electro-optics, ES TDA

SUBMARINE SONAR SYSTEMS such as: Submarine ARCI, Sonar advanced development, APB (A), Acoustic augmentation support, Acoustic intercept, Submarine acoustic deployed systems, Acoustic sonar program support, Acoustic Communications, AN/BQQ-5, AN/BSY-1. AN/BSY-2, AEP, AN/WLY-1, ANBQH-7, AN/BQN-17

TOWED SYSTEMS and SENSORS such as: Transducer Technology, Towed systems, Towed array handling systems

In-service and new development Undersea Warfare Vehicles (Unmanned Undersea Vehicles (UUVs) and Countermeasures (CM))

RAN HMAS COLLINS CLASS COMBAT CONTROL
SEAWOLF CLASS ACOUSTIC AND COMBAT CONTROL
TAIWAN DIESEL SUBMARINE
WARFARE SYSTEMS ENGINEERING

2.2 CODE 25 CURRENT PLATFORMS INCLUDE:

US Submarines, (SSN 688 and variants, Trident SSBN, Trident SSGN, SSN 21/22, SSN 23, Virginia Class and variants)

US Special purpose vehicles: such as ASDS and NR-1,

FMS platforms: such as Collins Class, Taiwan Diesel submarines, and transferred US platforms via the FMS program

Other land based facilities: such as trainers, simulators, and test facilities

Weapon-capable Unmanned Vehicles

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3.0 APPLICABLE DOD/MIL STANDARD SPECIFICATIONS AND DOCUMENTS

The applicable standards and specifications that are applicable to the work to be performed under this task order are listed below. The latest or revised DOD/WL standards or specifications apply.

3.1 SE331-AL-REF-010 Ready Reference Manual for Combat Control System (CCS) AN/BYG-1(V)
2 For TI-06 – APB-06 Platforms

3.2 Byg(v) 2TI04_RRM_vol1_final_30_may-07

3.3 Byg(v) 2TI04_RRM_vol2_final_30_may-07

3.4 ANSI Z39.18 Information Sciences Scientific and Technical Reports, Organization, Preparation, and Production

3.5 DOD STD 2167A Defense System Software Development

3.6 DOD Directive 8500.1, Information Assurance

3.7 DCI Directive 6/3, Protecting Sensitive Compartmented Information within Information Systems

3.8 IEEE/EIA 12207 Information Technology Software Life Cycle Processes

3.9 MIL STD 470B Maintainability Program for Systems and Equipment

3.10 MIL STD 785B Reliability Program for Systems and Equipment Development and Production

3.11 MIL-STD 831 Test Reports, Preparation of

3.12 MIL-STD 1806 Marking Technical Data prepared by or for the Department of Defense

3.13 MIL M 15071H Manual, Technical: Equipments and Systems Content, Requirements For

3.14 MIL-T 31000 Technical Data Packages, General Specification For

3.15 MIL-S 973 Configuration Management

3.16 MIL STD 100E Engineering Drawing Practices

3.17 MIL-STD-1379D Notice 1, 26 September 1996 Military Training Programs

3.18 MIL-STD-1388-2B DOD Requirements For a Logistics Support Analysis Record

3.19 MIL-STD-1399 Interface Standard for Shipboard Systems, Section 300A, Electric Power, Alternating Current

3.20 MIL-HDBK-2036 Electronic Equipment Specifications, Preparation of

3.21 NAVSEA PMS4253-CMP-001 PMS 4253 Configuration Management Plan for Combat Control Systems

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3.22 NAVSEAINST 4720.14 Temporary Alterations to Active Fleet Submarines

3.23 REV 1 Fleet Modernization Program Management and Operations Manual

3.24 011-0210 Submarine Software Program Trouble Report Procedures / Instructions

3.25 Quarterly Updates Combat System Evolution Plan - Modernization Programs Installation and Logistics Summaries

3.26 PMS 425 - CAP-005 Configuration Audit Plan Procedures

4.0 REQUIREMENTS

4.1 AN/BYG-1 TI-06 FUTURE ATTACK CENTER (FAC) LABORATORY BASELINE

Objective: Establish a persistent AN/BYG-1 TI-06 Combat Control System (CCS) Future Attack Center (FAC) baseline capability in Test Bay XII in building 1259, maintaining the current FAC TI-04 system and FAC TI-06 Advanced Processor Build (APB) variant. These capabilities will serve as test-beds for evaluation of evolutionary Combat Control System prototypes. Develop documentation for the FAC TI-04 and FAC TI-06 systems at the level of detail of the AN/BYG-1 Ready Reference Manual.

Performance Standard: The FAC laboratory replicates the AN/BYG-1 system to the extent required by the Government to accommodate decision-centric prototype insertion and evaluation. Hardware is installed on time in accordance with Government schedules that are provided as (GFI).

Tasks:

4.1.1 The contractor shall survey existing equipment and systems architecture in the FAC Laboratory and review the AN/BYG-1 TI-06 Combat Control System architecture as defined in applicable documents 3.2 and 3.3. The contractor shall prepare an engineering report detailing the current state of equipment in the facility (processors, networking equipment, physical interfaces) and recommending equipment required to complete the establishment of an AN/BYG-1 TI-06 baseline capability. The contractor's engineering report shall consider the FAC laboratory's physical characteristics, including square footage, the proposed computing environment, and arrangement of workspaces, displays, and controls, as well as power requirements and cabling.

4.1.2 The contractor shall provide hardware approved by the Government from Task 4.1.1 and install both the hardware and software to establish the FAC laboratory. The contractor shall test all installed hardware, verify that equipment and cabling is operating properly, and replace any defective equipment identified.

4.1.3 The contractor shall develop a ready reference manual for the FAC baseline configuration (FAC TI-04 system and FAC TI-06 systems) that defines the hardware, software, network configuration and procedures necessary to build and run the products.

Deliverables:

4.1.4 Equipment recommendations and hardware bill of materials required to stand up the Future Attack Center shall be provided in engineering reports (CDRL A001).

4.1.5 FAC Laboratory hardware shall be itemized and delivered by the contractor (CDRL A002).

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4.1.6 Ready Reference Manuals for the FAC TI-04 and FAC TI-06 systems (CDRL A003).

4.2 FUTURE ATTACK CENTER LABORATORY REQUIREMENTS HARDWARE AND SOFTWARE DESIGN EVOLUTION

Objective: Extend and evolve the TI-04/TI-06 FAC laboratory baseline capability to meet the hardware, software and networking requirements of follow-on Combat Control Systems (CCSs) (such as TI-08, TI-10, and APBs), industry and academic candidate technologies, support strategic investments, and large scale experimentation (Fleet Battle Experiments (FBEs), Open Architecture experiments, net-centric warfare experiments). Analyze the specific technical design of these (future or newer) technologies and based on this analysis, develop requirements and design recommendations for (future improvements) to the FAC laboratory.

Performance Standard: The systems engineering analysis considers performance, risk, cost, and schedule factors and incorporates all program phases (e.g. development, production, operations and support). The systems engineering analysis, definition, and design encompass the requirements of functional and physical interfaces for all combat system elements affected by the design, including hardware, software, facilities, combat system operators, and data products compatibility, interoperability, and integration.

Tasks:

4.2.1 The contractor shall perform program and system level engineering analyses and reviews of follow-on combat systems (GFI), candidate technologies (GFI), and experiments (GFI) in order to support FAC lab development and evolution. This will include analyses of the candidate systems, interfaces and interrelationships as they relate to the establishment of the technology as a capability in the FAC, based on a current FAC baseline. The contractor shall analyze results of recent Combat Control Engineering Measurement Program, Computer and System Performance Analysis, and Concept of Operation exercises (GFI). From these analyses, the contractor shall map current and future needs of the Fleet into FAC laboratory engineering requirements that incorporate existing and conceptual systems and platforms. All GFI referenced in this tasking relates to future information not yet established and will be provided at the time of tasking implementation.

4.2.2 Using the baseline of the FAC laboratory established in Task 4.1, the contractor shall develop design recommendations and identify technologies that meet the requirements derived from Task 4.2.1. The contractor shall perform market research to identify candidate Commercial- and Government-Off-The-Shelf (COTS/GOTS) software and hardware components that have the potential to satisfy the requirements. The contractor shall identify design components capable of carrying out operational functions of the systems in representative mission contexts. The contractor shall evaluate identified components' availability, cost, performance characteristics and reliability.

The contractor shall also identify hardware and software technologies to be used to evaluate the resulting engineering designs above. These designs shall include technologies, hardware, software, and application toolsets appropriate to evaluate automation and man-in-the-loop technologies and systems interoperability. The contractor shall identify evaluation systems (e.g. concepts, approaches, and toolsets) that support the verification of the resulting design. The evaluation systems shall be of adequate quality and fidelity to support requirements analysis, proof of concept operations, tradeoff analyses and support the test plans defined in Task 4.4.

Specific software focus shall be on tool sets that greatly reduce the cost, time and analysis of alternative equipment arrangements and design for future submarine attack centers, including:

tools that allow space rearrangement, rich interactive immersion for multiple users and collection of information relative to the effectiveness of the attack center design based on state of the art gaming

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and virtual reality technology;
currently available semantic information models to support human decision-making;
tools that provide a framework for collecting and analyzing multiple data streams on operator performance in submarine combat control systems to include interfacing/integrated systems and subsystems such as Submarine Warfare Federated Tactical System (SWFTS), Non-Propulsion Electronic Systems (NPES), weapons and weapon launch equipment , unmanned vehicles, and countermeasures;
complex software automated test and repair tools.

The contractor shall consider and address in all designs the FAC laboratory's physical characteristics, including square footage, the proposed computing environment, arrangement of workspaces, displays, and controls, as well as power requirements and cabling.

Deliverables:

4.2.3 The contractor shall provide engineering reports specifying the new requirements and proposed solutions of above tasks (CDRL A004). Specific impacts to performance, risk, cost, and schedule will be delineated.

4.2.4 The contractor shall provide FAC lab design descriptions evaluating the benefits and design tradeoffs of proposed design improvements detailing requirements traceability from the requirements established in Task 4.2.1 to the designs developed in Task 4.2.2 (CDRL A005). The contractor shall detail the name, type, and certifications of all models and simulations utilized.

4.3 FUTURE ATTACK CENTER LABORATORY DEVELOPMENT SUPPORT

Objective: Provide software and hardware components to conform to Government approved FAC laboratory requirements and design. Ensure that special purpose prototype hardware meets the requirements of the driving technology. Facilitate FAC integration by developing a software development kit.

Performance Standard: Commercial- and Government-Off-The-Shelf (COTS/GOTS) hardware and software has been utilized where practical to minimize cost without introducing a high degree of risk in the areas of equipment performance and reliability, product maturity, or the ability to procure and receive equipment in a timely manner in accordance with program schedules.

Tasks:

4.3.1 The contractor shall provide hardware and software for FAC laboratory designs and candidate technologies approved by the Government. The contractor shall test all installed hardware and software, verify that equipment and cabling is operating properly, and replace any defective equipment identified.

4.3.2 The contractor shall provide inventory management of all new FAC hardware and software assets delivered and installed, or catalogued and stored in the FAC laboratory or CCSL media library.

4.3.3 For combat system prototypes developed by NUWC DIVNPT and/or other agencies/contractors, the contractor shall provide pre-evaluation planning and coordination. The contractor shall develop a software development kit. This kit is a programming package that enables a programmer to develop applications for a specific platform, including one or more Application Programming Interfaces, programming tools, and documentation in the context of an integrated development environment (e.g. a programming environment integrated into a software application that provides a Graphical User Interface (GUI) builder, a text or code editor, a compiler and/or code interpreter and debugger). This environment provides the FAC user community with the ability to conduct pre-integration testing of notional combat

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system prototypes prior to arriving at the FAC laboratory.

Deliverables:

4.3.4 FAC Laboratory hardware and software to provide and evaluate prototypes of combat system improvements shall be itemized and delivered. Develop software development kit. (CDRL A006).

4.4 FUTURE ATTACK CENTER LABORATORY TESTING

Objective: For each of the combat system designs developed in Task 4.3, develop test plans and support the evaluation and assessment of the system's operational effectiveness and deployment costs.

Performance Standard: Test plans are of adequate quality and fidelity to support proof of concept operations, tradeoff analyses, and conduct testing using realistic system inputs.

Tasks:

4.4.1 The contractor shall develop a test plan that defines the test requirements and methodology that will be demonstrated via modeling or physically at the FAC laboratory facility. This test plan shall encompass all test evolutions necessary to demonstrate levels of performance for all software, prototype hardware, and interfaces. The test plan shall propose qualitative and quantitative criteria for successful compliance. Each test plan shall include a section on test data collection and analysis requirements, which will identify necessary data required by the Government to be collected during the various phases of testing.

4.4.2 The contractor shall support integration, testing, and evaluation of advanced development concept events involving combat system prototypes developed by NUWCDIVNPT and/or other agencies. The contractor shall operate the FAC laboratory hardware and software in support of concept evaluation activities, and perform scenario control using mini Submarine Multi-Mission Team Trainer (SMITT) and/or other simulation/stimulation and performance evaluation equipment. During the conduct of the evaluation exercises, the contractor shall implement a surrogate for Comms at Speed and Depth to manage bandwidth/connectivity for use in the evaluation process.

4.4.3 The contractor shall maintain a reference manual for all candidate technologies that defines the hardware, software, network configuration and procedures necessary to build and run the candidate product.

4.4.4 The contractor shall support testing and evaluation of the combat system designs developed in Task 4.3 using test plans approved by the Government. The contractor shall assess operational data and the tactical factors necessary to enable effective use of the combat system prototypes being evaluated in the FAC laboratory. The contractor shall assess the prospective deployment costs of the combat system prototypes being evaluated in the FAC laboratory.

Deliverables:

4.4.5 The contractor shall deliver test requirements and methodology plans as described above (CDRL A007).

4.4.6 The contractor shall provide reports detailing the findings of above tasks (CDRL A008). These reports will specify prototypes and models utilized and detailed findings of analysis. Specific impacts to performance, risk, cost, and schedule will be delineated.

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4.4.7 Following successful achievement of qualitative and quantitative criteria determined by the Government, the contractor shall provide a final design package for the as-built FAC laboratory design developed in Task 4.2(CDRL A005).

4.5 FUTURE ATTACK CENTER LABORATORY PRODUCT ASSURANCE

Objective: A Product Assurance (PA) process that addresses all new or modified FAC laboratory software, hardware, firmware, and documentation, resulting from all development programs generated out of the system engineering analysis process.

Performance Standard: All existing, new, or modified hardware, software, and firmware (including interface impacts and documentation) are considered. Opportunities to infuse new technology likely to reduce either labor or cost are identified and supported.

Tasks:

4.5.1 For FAC laboratory designs approved by the Government, the contractor shall establish a formal PA Program that establishes formal criteria and processes for each of the following:

- A configuration identification, control, and status accounting process for all development efforts;
- An Integrated Logistics Support process resulting in the identification and definition of all logistic impacts of all development efforts;
- A Reliability, Maintainability, and Availability (RMA) process for FAC laboratory hardware and software, resulting in RMA assessments, projections and predictions;
- A Human System Integration (HSI) process resulting in analysis of Submarine Attack Center design and operation with regard to human factors operations and maintenances as well as to cadre and crew training requirements, plans and implementation.

4.5.2 The contractor shall develop a user's manual for the FAC laboratory to describe scheduling methods for performance evaluations and installation procedures for the software/prototype hardware to be used during the conduct of evaluation exercises.

Deliverables:

4.5.3 The contractor shall document the formal Product Assurance Program process encompassing the elements described above (CDRL A009).

4.5.4 The contractor shall deliver the FAC Laboratory user's manual (CDRL A010).

4.6 FUTURE ATTACK CENTER LABORATORY PROGRAM MANAGEMENT SUPPORT

Objective: Provide FAC laboratory program management support. The contractor shall organize, coordinate, and assess all FAC laboratory program activities, major milestones, dependencies, critical path items, and relationships for applicability, technical impact, and schedule conformance.

Performance Standard: FAC milestones, dependencies, and critical path items are measured against latest NAVSEA, SUBLANT, and SUBPAC schedules. Resource conflicts resulting from schedule modifications are identified. Briefing materials are delivered in a timely manner, allowing for Government review prior to Program Reviews.

Tasks:

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4.6.1 The contractor shall perform studies and analyses of the FAC laboratory's organizational, program management, and technical plans (GFI 6.8) for program reviews. The contractor shall participate in the development of approaches to the FAC laboratory's technical, management and senior leadership matters in accordance with department schedules (GFI). The contractor shall participate in reviews, studies and analyses of the FAC laboratory's organizational, programmatic and technical issues at NUWCDIVNPT, NUWC HQ, and NAVSEA and associated PEO levels in accordance with department schedules.

4.6.2 The contractor shall provide briefing materials to detail FAC program and execution status relative to milestones or other key program deliverables in accordance with department schedules.

4.6.3 The contractor shall attend and participate in both internally held and externally held FAC Program Reviews (GFI) and support the development of briefing material related to these reviews.

4.6.4 By using the FAC's Program Planning Documentation (GFI 6.1), Technology Base Schedules (GFI 6.1) and Submarine Configuration Planning Data (GFI 6.1), and data results from preceding tasks, the contractor shall provide FAC laboratory technical program management services in areas such as:

- System/Subsystem Availability Scheduling
- Developing Major Milestone Documentation
- Platform Availability Schedule for Advanced Concept Windows of Installation
- Recommendations for Program Plans and other documentation

Deliverables:

4.6.5 The contractor shall deliver engineering studies and analyses documenting approaches and alternatives as described in Section 4.6.1 and Section 4.6.4 (CDRL A011).

4.6.6 The contractor shall deliver briefing material for use internal and external to NUWCDIVNPT as described in Section 4.6.2 and Section 4.6.3 (CDRL A012).

5.0 PROGRESS REPORTS

The Contractor shall provide monthly status reports in accordance with Clause C16 Cost Performance Reporting (May 2001). These reports shall document the technical and financial status, including a list of deliverables provided and analyses performed during each monthly reporting period.

6.0 GOVERNMENT FURNISHED INFORMATION (GFI)

GFI which is applicable to the work to be performed under this task order are listed below. GFI will be provided as it applies to the platforms and systems identified in section 2.1 and 2.2 above.

6.1 Program Planning Documentation, Platform/combat system documentation, Technology Base Schedules and Submarine Configuration Planning Data

6.2 Performance characteristics and capabilities such as armament, speed, radiated noise, target strength, weapon performance, and sonar capabilities

6.3 Environmental data and other tactical factors such as open ocean, littoral waters, restricted navigation routes or arctic waters environmental conditions and operational missions, current and anticipated fleet requirements/needs including defined tactical, environmental or operational scenarios

6.4 New combat and communication system concepts and developments including planning and

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specification, documents and/or drawings which relate to the development of equipment and sensors

6.5 NUWCDIVNPT specified software and hardware simulation and performance models

6.6 Code 25 and Fleet exercise schedule and test objectives

6.7 Program objectives defined by the NAVSEA program manager and related Objective Specification Reports and Memoranda

6.8 Organizational, program management, and technical plans including internally held and externally held Program Reviews schedule

7.0 QUALITY SURVEILLANCE & PERFORMANCE STANDARDS

The government will conduct quality surveillance via various methods including formal and informal meetings, review of technical reports, review of monthly progress reports, and review of deliverables.

Contractor performance will be evaluated in the areas of technical quality, responsiveness, timeliness and cost. Technical quality will be evaluated against the objectives and performance standards defined in individual task paragraphs. Responsiveness will be evaluated based upon the government's experience interacting with the contractor during performance. Timeliness will be evaluated based on the contractor's ability to meet CDRL schedules with minimal variance. Cost will be evaluated based upon the contractor's ability to manage to the negotiated costs.

C16S COST AND PERFORMANCE REPORTING (MAY 2005)

(a) The Contractor agrees to provide the Contractor's Funds and Man-hour Expenditure Report in the Electronic Cost Reporting and Financial Tracking (eCRAFT) System within sixty (60) days after the date of task order award. Failure to comply with this requirement may result in task order termination.

(b) The Contractor's Funds and Man-hour Expenditure Report reports contractor expenditures for labor, materials, travel and other contract charges.

(1) Format. Data shall be reported in a format acceptable to the Electronic Cost Reporting and Financial Tracking System (eCraft). Paper submittal of the data is permitted for the first 60 days of performance. Address paper submittals to the Task Order Manager identified in the task order.

(2) Scope and Content.

(i) The Contractor shall identify costs to the individual SLIN if applicable. If pricing is not established at the SLIN level, report to the CLIN.

(ii) The Contractor shall report individual cost elements comprising the total cost of performance for the current cost reporting period.

(3) Submission and Approval.

(i) Submit report at least once per month beginning 30 days after task order award. Approval will be indicated by e-mail notification from eCraft.

(ii) Distribution Statement. Distribution Statement B: Distribution to U.S. Government agencies only; Proprietary Information; (date data generated). Other requests for this document shall be referred to NUWCDIVNPT Code 1191.

(c) The Contractor's Performance Report indicates the progress of work and the status of the program and of all

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assigned tasks. It informs the Government of existing or potential problem areas. References to costs are meant to be at a summary level. Preparation instructions follow.

(1) Format. Pages shall be sequentially numbered. All attachments shall be identified and referenced in the text of the report. Report shall be prepared in the contractor's format and shall be legible and suitable for reproduction. Electronic submission is encouraged.

(2) Content.

(i) Provide a front cover sheet that indicates the contractor's name and address, the contract number and task order number, the system or program nomenclature, the report date, the reporting period, the report title and a serial number for the report, the security classification, the name and address of the person who prepared the report, and the name of the issuing Government activity (Naval Undersea Warfare Center Division, Newport).

(ii) Report task order schedule status. Describe the progress made against milestones during the reporting period.

(iii) Report any significant changes to the contractor's organization or methods of operation, to the project management network, or to the milestone chart.

(iv) Report problem areas affecting technical, scheduling, or cost elements. Provide background and recommendations for solutions beyond the scope of the task order. Report results (positive or negative) obtained related to previously identified problem areas, with conclusions and recommendations.

(v) Report all trips and significant results.

(vi) Report all significant communications and any commitments made thereby. Include all non-contractual communications, such as emails, telephone conversations, etc.

(vii) Report Engineering Change Proposal (ECP) status. Identify all ECPs by status, i.e., proposed, approved and implemented.

(viii) Report plans for activities during the following reporting period.

(ix) Include appendices for any necessary tables, references, photographs, illustrations, charts, etc.

(3) Submission and Approval.

(i) Submission. Submit report monthly beginning 30 days after task order award.

(ii) Distribution. Provide one original copy to the Task Order Manager. Additional copies shall be provided to:

(iii) Distribution Statement. Distribution Statement B: Distribution to U.S. Government agencies only; Proprietary Information; (date data generated). Other requests for this document shall be referred to NUWC DIVNPT Code .

(iv) Approval. DD Form 250 is not required. Approval will be indicated via letter of transmittal.

(d) The contractor shall not provide other funds, man-hour, or status reporting without the prior written approval of the Task Order Ordering Officer.

C24S SECURITY REQUIREMENTS (OCT 2004)

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

C54S UPDATING SPECIFICATIONS AND STANDARDS (NAVSEA) (AUG 1994)

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

C57S EXCEPTION FROM ELECTRONIC AND INFORMATION TECHNOLOGY ACCESSIBILITY REQUIREMENTS (JUN 2001)

(a) The Government has determined that this procurement is an exception to the Electronic and Information Technology (EIT) Accessibility Standards (36 C.F.R. § 1194).

(b) Notwithstanding that an exception exists, the Contractor may furnish items or services provided under this order that comply with the EIT Accessibility Standards (36 C.F.R. § 1194).

C25S ACCESS TO GOVERNMENT SITE (OCT 2009)

(a) Contractor personnel shall comply with all current badging and security procedures required to gain access to any Government site. Access to Naval Undersea Warfare Center Division, Newport sites may only be gained by obtaining a badge (either permanent or temporary) from the security office. Compliance with SECNAV M-5510.30, Section 9-20, FACILITY ACCESS DETERMINATION (FAD) PROGRAM is specifically required. Badges shall be issued only after completion of SF85P available at: <http://www.opm.gov/forms/index.asp>

Contractor personnel requiring a Common Access Card, access to controlled unclassified information (CUI) and/or user level access to DoN or DoD networks and information systems, system security and network defense systems, or to system resources providing visual access and/or ability to input, delete or otherwise manipulate sensitive information without control to identify and deny sensitive information, are required to have a favorably adjudicated NACLIC.

The Contractor shall ensure that Contractor personnel employed on any Government site become familiar with and obey Activity regulations. Contractor personnel shall not enter restricted areas unless required to do so and until cleared for such entry. The Contractor shall request permission to interrupt any activity roads or utility services in writing a minimum of 15 calendar days prior to the date of interruption. Contractor personnel shall wear personal protective equipment in designated areas. All contractor equipment shall be conspicuously marked for identification.

The contractor shall strictly adhere to Federal Occupational Safety and Health Agency (OSHA) Regulations, Environmental Protection Agency (EPA) Regulations, and all applicable state and local requirements.

(b) The contractor shall ensure that each contractor employee reads the pamphlet entitled, "Occupational Safety and Health Information for Contractors" prior to commencing performance at any NUWC DIVNPT site. This document is available under "Contractor Info" at: <http://www.navsea.navy.mil/nuwc/newport/docs/Forms/AllItems.aspx>

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(c) The contractor shall ensure that each contractor employee reads the document entitled, "NUWC Environmental Policy" prior to commencing performance at any NUWCDIVNPT site. This document is available at:
http://www.navsea.navy.mil/nuwc/newport/docs/EMS_EnvPolicy1.pdf

(d) The contractor shall ensure that each contractor employee who is resident at any NUWCDIVNPT site completes ISO 14001 Awareness training within 30 days of commencing performance at that site. This training is available on the ISO 14001 webpage on the NUWCDIVNPT Intranet and is also available on the NUWC Division Newport Internet site. This document is available at:
http://www.navsea.navy.mil/nuwc/newport/docs/External ISO14001_2009 Training.pdf

(e) The contractor shall remove from the Government site any individual whose presence is deemed by the Commander, NUWCDIVNPT, to be contrary to the public interest or inconsistent with the best interests of national security.

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SECTION D PACKAGING AND MARKING

D11S PRESERVATION, PACKAGING, PACKING AND MARKING (MAY 2006)

Preservation, packaging, packing, and marking shall be in accordance with ASTM D 3951-98, "Standard Practice for Commercial Packaging". Additionally, the Contractor shall mark all packages with the following, as appropriate:

CONTRACT NUMBER: (from SF26 Block 2 or Task Order Block 1)
ORDER NUMBER: (from Task Order Block 2)
REQUISITION NUMBER: (from Task Order General Information Section)

D21S DELIVERY, CONTROL, AND MARKING OF TECHNICAL DATA (SEP 2004)

- (a) Data furnished hereunder shall be adequately packaged to assure safe delivery at destination.
- (b) Transmittal of classified information by mail shall be in accordance with the National Industrial Security Program Operating Manual (NISPO) for Safeguarding Classified Information (DOD 5220.22-M).
- (c) The Contractor shall distribute data items according to the distribution shown on the Contract Data Requirements List(s) (CDRL), provided as an Exhibit to this task order. The Contractor shall not distribute, release, or show data items or other technical data to third parties except with the written permission of the Task Order Ordering Officer.
- (d) Release of all technical data is subject to NUWCDIVNPT INSTRUCTION 5570.1H, OPNAVINST 5510.161 and DoD Directive 5230.25 (or appropriate superseding document).
- (e) All copies of CDRL items under this task order, regardless of distribution, shall be marked on the report cover with the following information:

Naval Undersea Warfare Center Division, Newport

Contract, Order, and ELIN Numbers

Report Title

Date of Report

Contractor Name (division which generated the report)

- (f) Some of the data deliverables under this task order may require additional markings. If this clause is cited in Block 16 of the DD Form 1423, provide the following markings prominently on the cover of the report:

Contractor's Business Address

Task Order Dollar Amount

Sponsor (name, activity, office code, and location). Orders, if applicable, will identify the sponsor.

D24S PROHIBITED PACKING MATERIALS (JUN 2004)

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

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SECTION E INSPECTION AND ACCEPTANCE

E14S INSPECTION AND ACCEPTANCE OF SERVICES (AUG 2005)

Inspection and acceptance shall be performed in accordance with the basic contract.

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SECTION G CONTRACT ADMINISTRATION DATA

G1S SUBMISSION OF INVOICES -- COST REIMBURSEMENT (AUG 2005)

The Contractor shall submit invoices and any necessary supporting documentation, in accordance with the basic contract. Also, the Contractor shall provide duplicate information to the Electronic Cost Reporting and Financial Tracking (eCraft) system.

G2S INVOICE INSTRUCTIONS (NAVSEA - AUG 2007) (MAY 2009)

(a) In accordance with the clause of this contract entitled "ELECTRONIC SUBMISSION OF PAYMENT REQUESTS" (DFARS 252.232-7003), the Naval Undersea Warfare Center Division, Newport, Rhode Island (NUWCDIVNPT) utilizes the DoD Wide Area Workflow Receipt and Acceptance (WAWF) system to accept supplies/services delivered under this order. 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 order shall be submitted electronically through WAWF. Submission of hard copy DD250/invoices will no longer be accepted for payment.

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

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

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

Type of Document:

X	Cost Voucher (Cost Reimbursable, T&M , LH, or FPI) Contractors MUST attach a completed SF-1035 in WAWF	
Applies to CLINs/SLINS: ALL		
Issue DODAAC		N66604
Admin DODAAC		S1103A
Pay Office DODAAC		HQ0338
DCAA Auditor		HAA110
Service Approver DODAAC		N66604
LPO DODAAC		Leave Blank

ATTN CONTRACTORS:

(1) CLIN/SLIN/ACRN information must be included on all WAWF submissions.



(2) Your AAA WAWF fill-in is in your line of accounting associated with the CLIN/SLIN/ACRN you are billing. It is six (6) positions in length. Examples of it's location follow. The numbers underlined are the AAA's.

A1: 97X4930.NH6A 000 77777 0 066604 2F 000000 111111111111
AA: 97X4930.NH6A 000 77777 0 066604 2F 000000 222222222222
A1: 1781811.H230 310 TTTTTT 0 068342 2D 000000 333333333333
AA: 1781811.H230 310 TTTTTT 0 068342 2D 000000 444444444444

(3) 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:
<input type="text"/>

(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.

(g) If you have any questions regarding WAWF, please contact the WAWF helpdesk at the above 1 -866 number or the NUWCDIVNPT WAWF point of contact, Jerry Palmer at 401 -832-1645 or gerard.palmer@navy.mil (alternate: Catharine Costakos at 401 -832-1488, catharine.costakos@navy.mil). For financial questions about WAWF, please contact Barbara Sangeado at 401 -832-4952 or barbara.sangeado@navy.mil.

GI0S CONTRACTUAL AUTHORITY AND COMMUNICATIONS (AUG 2005)

(a) Functions: The Procuring Contracting Officer (PCO) for this contract is identified on the basic contract. Only the PCO can change the basic contract, and the PCO maintains primacy over the contract and all its task orders. The Task Order Ordering Officer of this Task Order is a warranted Ordering Officer of the Naval Undersea Warfare Center Division Newport. Unless otherwise noted, all references to "Ordering Officer" or "OO" in the text of this task order and the basic contract refer to the Task Order Ordering Officer. The Government reserves the right to administratively transfer authority over this task order from the individual named below to another Task Order Ordering Officer at any time.

(b) Authority: The Task Order Ordering Officer is the only person authorized to approve changes in any of the requirements of this task order and, notwithstanding provisions contained elsewhere in this task order, the said authority remains solely the Task Order Ordering Officer's. The Contractor shall not comply with any order, direction or request of Government personnel - that would constitute a change - unless it is issued in writing and signed by the Task Order Ordering Officer. No order, statement, or conduct of any Government personnel who visit the Contractor's facilities or in any other manner communicates with Contractor personnel during the performance of this task order shall constitute a change under the Changes clause of this task order and no adjustment will be made in the task order price to cover any increase in charges incurred as a result thereof.



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[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

G11S CONTRACT ADMINISTRATION FUNCTIONS (SERVICES)(MAY 2006)

(a) The cognizant Administrative Contracting Office for this task order is identified in Block 6 on page one of this task order.

(b) TASK ORDER ORDERING OFFICER RETAINED FUNCTIONS. The Task Order Ordering Officer retains the administrative functions described in FAR 42.302(a) and listed below. These functions will be accomplished as set forth in the attached JA4S Task Order Administration Plan.

(3) Conduct post-award orientation conferences.

(40) Perform engineering surveillance to assess compliance with contractual terms for schedule, cost, and technical performance in the areas of design, development, and production.

(44) Perform engineering analyses of contractor cost proposals.

(45) Review and analyze contractor-proposed engineering and design studies and submit comments and recommendations to the contracting office, as required.

(46) Review engineering change proposals for proper classification, and when required, for need, technical adequacy of design, producibility, and impact on quality, reliability, schedule, and cost; submit comments to the contracting office.

(47) Assist in evaluating and make recommendations for acceptance or rejection of waivers and deviations.

(c) TASK ORDER ACO DELEGATED FUNCTIONS. The task order Administrative Contracting Officer (ACO) is delegated the following functions:

(1) All other functions of FAR 42.302(a) except (3), (22), (25), (29), (40), (44), (45), (46), (47), (51), (59), (62), (63), (64), and (70).

(2) The function of FAR 42.302(b)(6).

(d) If the task order ACO identifies a contract administration problem, the remedy for which is not covered by the above, the task order ACO shall request the Task Order Ordering Officer to delegate additional functions as necessary. The Task Order Ordering Officer may delegate authority by letter.

G14S CONTRACTOR'S SENIOR TECHNICAL REPRESENTATIVE (AUG 2005)

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SECTION H SPECIAL CONTRACT REQUIREMENTS

H13S ORGANIZATIONAL CONFLICT OF INTEREST - FAR 9.505-3

(a) In accordance with FAR 9.505-3; whereas this task order provides for the technical evaluation of other Contractors' products or services or provides for the furnishing of management support services, the Contractor agrees that it shall not furnish to the United States Government, either as a prime contractor, as a subcontractor, or as a consultant to a prime contractor or subcontractor, any system, subsystem or component which is the subject of work under this contract, except that it may, under the circumstances stated in paragraph (e) below, participate in related Integrated Product Teams (IPT's). This prohibition is effective during the term of the task order and extends for a period of 3 years after the term of this task order.

(b) The Contractor further agrees that its employees, agents or subcontractors shall not disclose to any individual, company or Government representative* any information relating to current or proposed Government budgetary information, acquisition planning or acquisition actions, obtained either directly or indirectly as a result of the effort performed under this task order, unless so directed by the Task Order Ordering Officer. The Contractor also agrees that it shall promptly notify the Task Order Ordering Officer of any attempt by an individual, company or Government representative* to gain access to such information. Such notification shall include the name and organization, if available, of the individual, company or Government representative seeking access to such information.

(c) For the purpose of this clause, the term "Contractor" means the Contractor, its subsidiaries and affiliates, joint ventures involving the Contractor, any entity with which the Contractor may hereafter merge or affiliate, and any other successor of the Contractor.

(d) Any subcontractor which performs any work relative to this task order shall be subject to this clause. The Contractor shall include these provisions in all subcontracts and shall substitute "subcontractor" for "contractor" where appropriate.

(e) If the contractor is tasked by NUWC to participate in an IPT related to any system, subsystem or component which is the subject of work under this task order, the contractor may participate without the need for any notification to the Task Order Ordering Officer. If the contractor is tasked by some other Government office to participate in an IPT related to any system, subsystem or component which is the subject of work under this task order, the contractor may participate without advance approval but shall notify the Task Order Ordering Officer within 5 calendar days of the request. If the contractor is tasked by a non-Government entity (e.g. another contractor) to participate in an IPT related to any system, subsystem or component which is the subject of work under this task order, the contractor shall not begin work on the IPT task without obtaining authorization from the Task Order Ordering Officer of this task order. The contractor shall notify the Task Order Ordering Officer of this task order in writing, describing the IPT effort, listing the probable participants, providing a justification for the contractor's participation, and describing the safeguards which will be established to ensure the contractor's objectivity for this task order. Within 15 days of receiving the notification, the Task Order Ordering Officer will consider whether the contractor's objectivity will be affected and will issue a determination to the contractor.

(f) The Contractor certifies and warrants that to the best of its knowledge and belief the contractor does not have any organizational conflict of interest as defined in paragraph (a). The contractor shall inform all employees, subcontractors, consultants, and agents involved in the performance of this task order of the provisions of this clause.

(g) In the event the Contractor, or any of its employees, agents or subcontractors fails to comply with the provisions of this clause, such noncompliance shall be deemed a material breach of the contract for which the Government reserves the right to terminate the task order for default and/or resort to such other rights and remedies as provided for under this task order and under the Federal law of contracts. Noncompliance with the provisions of this clause may also adversely affect the determination of contractor responsibility in future Government acquisitions.

(h) If it is in the best interests of the Government, the prohibitions imposed by this clause may be waived by the Task Order Ordering Officer.

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(i) This clause applies to Statement of Work task(s): 4.4, 4.6

* Government Representative is defined as any Government employee, either military or civilian, not directly involved in the effort to be performed under this task order.

H14S ORGANIZATIONAL CONFLICT OF INTEREST - FAR 9.505-4

(a) In accordance with FAR 9.505-4, whereas the statement of work for this task order requires access to proprietary data of other companies the Contractor must agree with the other companies to (1) protect their information from unauthorized use or disclosure for as long as it remains proprietary and (2) refrain from using the information for any purpose other than that for which it was furnished. The Contractor agrees to furnish copies of such agreements to the Task Order Ordering Officer before accepting possession of such data. The Contractor further agrees that such proprietary data shall not be used in performing for the Department of Defense additional work in the same field as work performed under this task order if such additional work is procured competitively.

(b) For the purpose of this clause, the term “Contractor” means the Contractor, its subsidiaries and affiliates, joint ventures involving the Contractor, any entity with which the Contractor may hereafter merge or affiliate, and any other successor of the Contractor.

(c) The Contractor shall, within 15 days after the effective date of this task order, provide a written certification to the Task Order Ordering Officer that all employees, agents and subcontractors involved in the performance of this task order have been informed of the provisions of this clause.

(d) Any subcontractor which performs any work relative to this task order shall be subject to this clause. The Contractor agrees to place in each subcontract affected by these provisions the necessary language contained in this clause.

(e) The prohibitions imposed by this clause may be waived by the Task Order Ordering Officer.

(f) In the event the Contractor, or any of its employees, agents or subcontractors fails to comply with the provisions of this clause, such noncompliance shall be deemed a material breach of contract for which the Government reserves the right to terminate the task order for default and/or resort to such other rights and remedies as provided for under this task order and under the Federal law of contracts. Noncompliance with the provisions of this clause may also adversely affect the determination of Contractor responsibility in future Government acquisitions.

(g) The Government may administratively modify the contract to list agreements between the Contractor and third parties into the task order.

(h) This clause applies to Statement of Work task(s): 4.3, 4.6

H20S INSURANCE - WORK ON A GOVERNMENT INSTALLATION

The following types of insurance are required in accordance with the clause entitled, Insurance - Work On A Government Installation (FAR 52.228-5), and shall be maintained in the minimum amounts shown:

(1) Comprehensive General Liability: \$200,000 per person and \$500,000 per accident for bodily injury.

(2) Automobile Insurance: \$200,000 per person and \$500,000 per accident for bodily injury and \$20,000 per accident for property damage.

(3) Standard Workmen's Compensation and Employer's Liability Insurance (or, where maritime employment is involved, Longshoremen's and Harbor Worker's Compensation Insurance) in the minimum amount of \$100,000.

H24S PROHIBITION ON TELECOMMUNICATIONS (OCT 2006)

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The contractor is expressly prohibited from purchasing any telecommunication devices (i.e. satellite telephones, cell phones, pagers, blackberry, two way radios, walkie-talkies, etc. or any associated accessories) without the written approval of the contracting officer on an item by item basis.

H31S INCREMENTAL FUNDING- ADDITIONAL FUNDS (JAN 2008)

Additional funds are hereby provided for continued performance. The total funding obligated for performance is therefore increased from [REDACTED]. The clause entitled "Limitation of Funds (FAR 52.232-22)" applies. The Government is not obligated to reimburse the Contractor for costs incurred in excess of this amount unless additional funds are made available and are incorporated as a modification to this order.

NUWC Accrual Date: 31 DEC 2009

H38S TECHNICAL INSTRUCTIONS (FEB 2009)

(a) A Technical Instruction (TI) is written guidance or specific direction to the contractor within the scope of the task order Statement of Work (SOW).

(b) When necessary, the Government will issue Technical Instructions (TI 's) to provide clarification or details of specific tasks set forth in the task order Statement of Work (SOW). However, TI 's may not be used to:

(1) assign work not covered by the scope of the task order (it is not a modification to the task order),

(2) direct a change as defined in the contract clause entitled "Changes",

(3) increase or decrease the task order 's estimated cost, its fixed fee or award fee, its total level of effort, or the time required for contract performance; or

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

(c) Normally, the Task Order Manager (TOM) will issue the TI, although it may be issued by the Task Order Ordering/Contracting Officer. The TI may be based on technical discussions with the Contractor. However, the TOM can only perform one of the following functions: (1) initiate the requirement for the task order, (2) place TI's, or (3) perform receipt, inspection, and acceptance of the services. If circumstances preclude an individual TOM from performing a single function, then, at a minimum, the individual TOM responsible for placing the TI shall not perform receipt, inspection, and acceptance.

(d) In an urgent situation, if funding is already available (see paragraph (f)), the TOM may provide oral direction to the contractor, but any oral direction must be formalized in writing within 5 working days. A TI is effective only after it is signed by the TOM and delivered, mailed, or electronically transmitted to a contractor representative. Subsequent TIs may revise the original TI. The contractor shall not initiate work unless the work has been defined by a TI.

(e) As a minimum, TI's shall include the following data:

(1) Contract number, task order number and TI number,

(2) Effective date (if different from date of the TI),

(3) Technical directions or clarifications, stated in a clear and unambiguous fashion

(4) Specific reference to relevant SOW paragraphs, deliverables, quantities, due date, SLINs, color of funding, government cost estimate, and total labor hours to be expended.

(f) Regardless of whether the TI is first transmitted orally or in writing, no cost will be incurred unless

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(b) Only the identified items, in the quantity shown, will be furnished by the Government; however, additional Government property may be made available. All other material required for the performance of this task order shall be furnished by the Contractor. GFP furnished under this task order is for use exclusively under this task order unless specified otherwise in writing by the Task Order Ordering Officer.

(c) All Government Property furnished under this task order shall be returned to NUWCDIVNPT at the completion of the task order unless otherwise specified. The Contractor shall immediately advise the Task Order Ordering Officer, in writing, of any property lost, damaged, or transferred out of the Contractor's possession.

H81S TRAVEL COSTS AND RESPONSIBILITIES (JUL 2008)

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

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

There may be situations where contractor employees and government employees travel together in government vehicles, or in vehicles rented by the government under the terms of the U.S. Car Rental Agreement (currently available at http://www.defensetravel.dod.mil/Docs/CarRentalAgreement_050508.pdf) the government has with various rental car companies. In such situations, contractor employees may only be passengers (not drivers) in such vehicles. If a contractor employee is a passenger in a government vehicle or a vehicle rented by the government, it would be on a "no additional cost to the government" basis. If a contractor employee is a passenger in a government vehicle, the contractor shall indemnify and hold the government harmless from all liability resulting from personal injury or death or damage to property which may occur as a result of such joint travel. When a contractor is a passenger in a vehicle rented by the government, liability would be limited to the terms set out in the U.S. Car Rental Agreement in effect at the time of any incident.

H83S SERVICE CONTRACT ACT WAGE DETERMINATION (DEC 2006)

The applicable Service Contract Act Wage Determinations by the Secretary of Labor are provided below:

Wage Determination #: 2005-2467 Revision: 07 Area: Rhode Island, Statewide

The above Wage Determinations (WD) can be accessed from the following website: <http://www.wdol.gov/>

Choose "Selecting WDs" from the menu. After choosing the appropriate area, answer the "prompts" as follows:

1. Were these services previously performed at this locality under an SCA-Covered contract? NO
2. Are any of the employees performing work subject to a CBA? NO
3. Are the contract services to be performed listed below as Non-Standard Services? NO
4. Were these services previously performed under an SCA wage determination that ends in an even number?
Example: 1994-2104; or 1994-2114. NO

The site will provide the appropriate WD.

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SECTION I CONTRACT CLAUSES

52.222-41 SERVICE CONTRACT ACT OF 1965, AS AMENDED (JUL 2005)

52.222-54, EMPLOYMENT ELIGIBILITY VERIFICATION

52.223-5 POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION (AUG 2003)

52.227-1 AUTHORIZATION AND CONSENT (JUL 1995)

52.227-2 NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT(AUG 1996)

52.227-3 PATENT INDEMNITY (APR 1984)

52.227-11 PATENT RIGHTS - RETENTION BY THE CONTRACTOR (SHORT FORM) (JUN 1997)

52.237-2 PROTECTION OF GOVERNMENT BUILDINGS, EQUIPMENT AND VEGETATION (APR 1984)

252.204-7005 ORAL ATTESTATION OF SECURITY RESPONSIBILITIES (NOV 2001)

252.223-7006 PROHIBITION ON STORAGE AND DISPOSAL OF TOXIC AND HAZARDOUS MATERIALS (APR 1993)

252.227-7013 RIGHTS IN TECHNICAL DATA--NONCOMMERCIAL ITEMS (NOV 1995)

252.227-7014 RIGHTS IN NONCOMMERCIAL COMPUTER SOFTWARE AND NONCOMMERCIAL COMPUTER SOFTWARE DOCUMENTATION (JUN 1995)

252.227-7019 VALIDATION OF ASSERTED RESTRICTIONS--COMPUTER SOFTWARE (JUN 1995)

252.227-7025 LIMITATIONS ON THE USE OR DISCLOSURE OF GOVERNMENT-FURNISHED INFORMATION MARKED WITH RESTRICTIVE LEGENDS (JUN 1995)

252.227-7026 DEFERRED DELIVERY OF TECHNICAL DATA OR COMPUTER SOFTWARE (APR 1988)

252.227-7030 TECHNICAL DATA--WITHHOLDING OF PAYMENT (MAR 2000)

252.227-7037 VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA (SEP 1999)

252.227-7039 PATENTS - REPORTING OF SUBJECT INVENTIONS (APR 1990)

252.231-7000 SUPPLEMENTAL COST PRINCIPLES (DEC 1991)

252.235-7011 FINAL SCIENTIFIC OR TECHNICAL REPORT (NOV 2004)

I22-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES

(FAR 52.222-42) (MAY 1989)

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and

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states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

THIS STATEMENT IS FOR INFORMATION ONLY: IT IS NOT A WAGE DETERMINATION.

Employee Class Monetary Wage - Fringe Benefits

NOTE TO CONTRACTORS: EMPLOYEE CLASSES AND EQUIVALENT GOVERNMENT RATES CAN BE FOUND AT THE FOLLOWING DEPARTMENT OF LABOR AND OFFICE OF PERSONNEL MANAGEMENT WEBSITES -

EMPLOYEE CLASSES (DIRECTORY OF OCCUPATIONS):

[HTTP://WWW.DOL.GOV/ESA/REGS/COMPLIANCE/WHD/WAGE/SCADIRV5/SCADIRECTVERS5.PDF](http://www.dol.gov/esa/regs/compliance/whd/wage/scadirv5/scadirectvers5.pdf)

GOVERNMENT EQUIVALENT GS LEVELS:

[HTTP://WWW.DOL.GOV/ESA/REGS/COMPLIANCE/WHD/WEB/INDEX.HTM](http://www.dol.gov/esa/regs/compliance/whd/web/index.htm)

and OFFICE OF PERSONNEL MANAGEMENT: [HTTP://WWW.OPM.GOV/OCA/06TABLES/](http://www.opm.gov/OCA/06TABLES/)

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SECTION J LIST OF ATTACHMENTS

Government Furnished Property

Revised DD 254: Contract Security Classification Specification (revised)

Contract Data Requirement Lists with Addendum

Task Order Administration Plan