			1. CONTR	RACT ID CODE		PAGE	OF PAGES
AMENDMENT OF SOLICITATION/M	ODIFICATION OF CONTRA	CT		U		1	2
2. AMENDMENT/MODIFICATION NO. 15	NT/MODIFICATION NO. 3. EFFECTIVE DATE 4. R 15 18-Apr-2013			I. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If 131594 - 7068 9696-998 N/A			, ,
6. ISSUED BY COD	· · · · · · · · · · · · · · · · · · ·			D BY (If other than Item 6)	COL		S0701A
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Newport RI 02841-1706			EAST	HARTFORD CT 06108	8-3234	1	
8. NAME AND ADDRESS OF CONTRACTOR (No.,	street, county, State, and Zip Code)			9A. AMENDMENT OF SOL	ICITATI	ON NO.	
Sonalysts							
215 Parkway North							
Waterford CT 06385				9B. DATED (SEE ITEM 11	1)		
				10A. MODIFICATION OF C	CONTRA	CT/ORDER NO).
			[X]				
				N00178-04-D-412)6	
				10B. DATED (SEE ITEM 1	13)		
CAGE 1L297 FA	CILITY CODE			21-Aug-2007			
· · · · · · · · · · · · · · · · · · ·	HIS ITEM ONLY APPLIES TO	AMEND	MENTS (OF SOLICITATIONS			
(a) By completing Items 8 and 15, and returning one separate letter or telegram which includes a referer PLACE DESIGNATED FOR THE RECEIPT OF OFF amendment you desire to change an offer already s and this amendment, and is received prior to the of 12. ACCOUNTING AND APPROPRIATION DATA (nce to the solicitation and amendment ERS PRIOR TO THE HOUR AND DA ubmitted, such change may be made being hour and date specified.	numbers. I TE SPECIF	FAILURE O	F YOUR ACKNOWLEDGEME ESULT IN REJECTION OF YO	ENT TO OUR OF	BE RECEIVED FER. If by virtu	O AT THE ue of this
13 THIS IT	EM APPLIES ONLY TO MOD	DIFICATI	ONS OF	CONTRACTS/ORDER	2S		
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(*) A. THIS CHANGE ORDER IS ISSUED ITEM 10A.	PURSUANT TO: (Specify authority)	THE CHAN	IGES SET I	FORTH IN ITEM 14 ARE MAD	E IN TH	IE CONTRACT	ORDER NO. IN
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[X] B. THE ABOVE NUMBERED CONTRA date, etc.)SET FORTH IN ITEM 14, PU				TIVE CHANGES (such as cha	anges in	paying office,	appropriation
[] C. THIS SUPPLEMENTAL AGREEME	NT IS ENTERED INTO PURSUANT T	O AUTHOR	RITY OF:				
D. OTHER (Specify type of modification	n and authority)						
E. IMPORTANT: Contractor [] is not, [X] is	s required to sign this document and	return 1	conies to t	the issuing office			
14. DESCRIPTION OF AMENDMENT/MODIFICATION SEE PAGE 2					nere feat	sible.)	
15A. NAME AND TITLE OF SIGNER (Type or print,		16A. NA	ME AND TI	TLE OF CONTRACTING OFF	TICER (7	ype or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UN	ITED STAT	ES OF AMERICA		16C. DAT	E SIGNED
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(Signature of person authorized to sign)		_	(Signati	ure of Contracting Officer)		,	
NSN 7540-01-152-8070 PREVIOUS EDITION LINUSABLE	3	0-105		STAND		ORM 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 make make administrative changes to oversights in N00178-04-D-4126-N40614. Accordingly, said Task Order is modified as follows: A conformed copy of this Task Order is attached to this modification for informational purposes only.

- 1. Revised Section B, HQ B-2-0015 PAYMENTS OF FEE(S) (LEVEL OF EFFORT ALTERNATE 1) (NAVSEA) (MAY 2010) to coincide with Section B of N00178-04-D-4126-N40614 and added a row to reflect totals.
- 2. Revised Section H 5252.216-9122 LEVEL OF EFFORT ALTERNATE 1 (MAY 2010) added a row to reflect totals.

All other terms and conditions remain unchanged.

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SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

430001 A1

(WCF)

For Co	st Type Items:				
1000	SIM II Lifecycle Support Services				\$0.00
Item	Supplies/Services	Qty Unit	Est. Cost	Fixed Fee	CPFF
1100	Base Period Labor	_			\$162,159.00
110001	Funding ACRN A1 (OTHER)				
110002	A1 (OTHER)				
1200	Option 1 Labor (NWCF) (WCF)				\$100,761.00
120001	A1 (OTHER)				
120002	A1 (OTHER)				
4000	SIM II Lifecycle Support Services				\$0.00
Item	Supplies/Services	Qty Unit	Est. Cost	Fixed Fee	CPFF
4100	Option 2 Labor (NWCF) (WCF)	_			\$50,482.00
410001	A1 (OTHER)				
410002	A1 (OTHER)				
4200	Option 3 Labor (NWCF) (WCF)				\$61,077.00
420001	A1 (WCF)				
4300	Option 4 Labor (NWCF) (WCF)				\$194,825.00

1100170	01 D 1120	13	2 01	31	┙
4400	Option #5 (CIP funded) (OTHER)			\$	251,076.00
440001	FUNDS FY: NO YEAR FUNDS/Funds Expire 9/30/2012 FUND TYPE: CIP/No source appropriate Customer: Code 601 SPONSOR: Code 601/ TI#:01 Rev. 2 (OTHER)				
4500	Option # 6 NWCF (OTHER)				\$64,558.00
450001	FUNDS FY: NA, Non-appropriated fund Funds Expire: NA, Non-appropriated fund FUND TYPE: G&A Customer: Code 601 SPONSOR: 601 TI#:02 (OTHER)				

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FINAL

HQ B-2-0007 LIMITATION OF COST OR LIMITATION OF FUNDS LANGUAGE

DELIVERY ORDER NO.

N406

The clause entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF FUNDS" (FAR 52.232-22), as appropriate, shall apply separately and independently to each separately identified estimated cost.

HQ B-2-0021 CONTRACT SUMMARY FOR PAYMENT OFFICE (COSTTYPE) (FEB 1997)

This entire contract is cost type.

CONTRACT NO.

N00178-04-D-4126

HQ B-2-0015 PAYMENTS OF FEE(S) (LEVEL OF EFFORT – ALTERNATE 1) (NAVSEA) (MAY 2010)

- (a) For purposes of this contract, "fee" means "target fee" in cost-plus-incentive-fee type contracts, "base fee" in cost-plus-award-fee type contracts, or "fixed fee" in cost-plus-fixed-fee type contracts for level of effort type contracts.
- (b) The Government shall make payments to the Contractor, subject to and in accordance with the clause in this contract entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE", (FAR 52.216-10), as applicable. Such payments shall be submitted by and payable to the Contractor pursuant to the clause of this contract entitled "ALLOWABLE COST AND PAYMENT" (FAR 52.216-7), subject to the

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withholding terms and conditions of the "FIXED FEE" or "INCENTIVE FEE" clause, as applicable, and shall be paid fee at the hourly rate(s) specified above per man-hour performed and invoiced. Total fee(s) paid to the Contractor shall not exceed the fee amount(s) set forth in this contract. In no event shall the Government be required to pay the Contractor any amount in excess of the funds obligated under this contract.

FEE TABLE

Labor CLIN	Labor Hours	Estimated Cost	Fixed Fee	Total	Fee Rate Per Hour	Fee Percentage
1100				'	1	
1200				·		
4100				1		
4200				1		
4300				1		
4400				1		
4500				1		
Total						

**In the event of any inconsistency between the above table and the CLIN pricing, the CLIN pricing shall take precedence.

B42S OPTIONS (JUN 2005)

The additional items of supplies or services available under the Options clause of this task order, the applicable Line Item, and the exercise dates are specified below:

CLIN **EXERCISE ON OR BEFORE** 1200 OPTION 12/15/2008 1 4100 OPTION 12/15/2009 2 4200 OPTION 12/15/2010 3 4300 OPTION 12/15/2011 4400 OPTION 4/30/2012 4500 **OPTION 1/31/2013**

B43S OPTIONS AND BASIC AWARD TERM (JAN 2005)

This task order contains options that, if exercised, would go beyond the current contract period of performance. The Government and the Contractor agree that no option will be exercised that

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exceeds the contract period of performance.

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

STATEMENT OF WORK

1.0 BACKGROUND

Undersea Warfare Analysis Overview

The capability to conduct relevant and representative warfare analysis is a fundamental responsibility and technical leadership area of the Naval Undersea Warfare Center (NUWC). Effective warfare analysis is a crucial component for the success of the Center. Warfare analyses provide the insights that enable the Center to most effectively apply its limited resources to address fleet needs for today and for tomorrow.

The mission of the Undersea Warfare Analysis Department (Code 60) is to provide the analysis information that enables NUWC Division, Newport to:

- Understand and help shape the emerging war-fighting context
- Develop rationale for the start and continuation of relevant programs
- Lead formulation of investment trades and strategies

SIM II Overview

SIM II is a dynamic naval engagement model developed and used by Code 60 to generate USW performance data and metrics for warfare analysis studies. The software has been developed and maintained continuously for over 30 years. New development is based on requirements identified by the warfare analysts. The following lists the major attributes of SIM II:

- It is a multi-platform, multi-sensor, variable tactic Monte Carlo simulation used to model surface ships, submarines, aircraft, unmanned vehicles, weapons and countermeasures.
- SIM II models passive and active sonar methodologies as well as other sensors such as radar, electronic support measures (ESM) and communications. The sonar algorithms utilize full broadband integration techniques over frequency and model many physical effects of the sensor systems plus take into account multi-contact situations.
- SIM II evaluates platform performance through the entire engagement evolution including search, detection, classification, avoidance, approach, localization, fire control targeting, weapons firing, counterattacks, evasion and re-engagement.
- To provide for end-to-end simulations (simulations that run through weapon engagements), SIM II has been integrated with the Scenario Structured Torpedo Requirements Model (SSTORM II) and the Technical Requirements Model (TRM).
- Overall metrics are unlimited but generally include probability of detection, classification, kill and counter-kill, along with their respective ranges plus items such as search rate, engagement rate, and exchange ratio.
- SIM II has its own tactics language that is used to model scenarios through which tactical decisions are made and executed based on mission objectives and available information and data.
- SIM II code is written in ANSI standard FORTRAN 77 utilizing structured and modular programming techniques yielding computer independence.
- There are many auxiliary software tools for setting up and submitting SIM II runs, extracting key data metrics from SIM II output, examining SIM II input parameters and graphically displaying output data such as single case engagements. These applications are written in Fortran and C and use X Window System graphics.

USWAL Overview

The Code 60 Undersea Warfare Analysis Laboratory (USWAL) is a high performance classified computer facility

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that provides the infrastructure for the development and execution of high fidelity performance models and simulations, the storage of data, connectivity to external secure facilities, and working areas for analysts and software developers.

2.0 SCOPE

This Statement of Work describes the tasks to be performed by the Contractor in support of SIM II software lifecycle development activities at NUWC Division Newport, Rhode Island, Undersea Warfare Analysis Department (Code 60). Software lifecycle activities include software design, computer programming, source code configuration management, software debugging, executable testing, SIM II user support, and development of SIM II documentation. These activities do not include development to change the basic function or structure of SIM II.

3.0 APPLICABLE DOCUMENTS

- 3.1 The following includes guides, directions, and written standards to which the Contractor shall adhere in performing the work under this task order:
- a. SIM II: Software Standards
- b. SIM II: Software Configuration Management Procedures
- c. "USWAL Policies and Procedures"
- 3.2 The following documentation is required for the performance of this task:
- a. "SIM II: User Reference Manual"
- b. "SIM II Software Requirements Description (SRD): Template
- 3.3 The following software is required for the performance of this task:
- a. SIM II and auxiliary programs, resident on the Code 60 USWAL computers

The Contractor shall have access to government furnished information upon award of the task order.

4.0 REQUIREMENTS

4.1 SIM II Software Lifecycle Development Activities

The Contractor shall support the software lifecycle development of the SIM II system. The SIM II system is defined as the core SIM II program as well as the software programs used to generate SIM II scenarios and examine SIM II output data. The Contractor shall develop new code, make modifications to existing software, and troubleshoot problems identified by SIM II users.

4.1.1. SIM II Troubleshooting

The Contractor shall troubleshoot and resolve SIM II and SIM II auxiliary program software problems reported by SIM II analysts. The Contractor shall provide written evaluations of reported problems, which include software measures such as root causes of problems and problem severity. If the Contractor determines that the end result of troubleshooting a problem requires a software change, the Contractor shall follow the procedures outlined in paragraph 4.1.3. Examples of troubleshooting are as follows:

- Tracking down mistakes in the SIM II input database and the SIM II tactics that cause SIM II to fail. The database and tactics are input files generated by the SIM II user community. (These issues often do not lead to software changes.)
- Determining why SIM II or SIM II auxiliary programs provide unexpected results. (These issues often do lead to software changes to fix bugs in the programs.)

4.1.2 Identifying New Functionalities

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The Contractor shall evaluate models, simulations, databases and tools external to the SIM II system, and identify and recommend new capabilities that could improve the SIM II system. The Contractor shall recommend new modeling and simulation (M&S) functional requirements to address current and future warfare analysis user needs. Examples of these recommendations shall include mathematical descriptions or parameters, which characterize the physical processes associated with platform and sensor systems. The Contractor shall interact with warfare analysts, program managers, sponsors, and members of other M&S communities at NUWC Division Newport. The purpose of these interactions is for the Contractor to learn about new capabilities, and recommend new and emerging requirements to the Task Order Manager.

4.1.3 SIM II Software Changes

The Contractor shall generate updated versions of SIM II by designing, implementing, and testing SIM II software code based on the requirements and plans developed in paragraphs 4.1.1 and 4.1.2. The Contractor shall generate a Software Requirements Description (applicable document 3.2.b) and submit it for Task Order Manager's approval. Upon approval, the Contractor shall develop and document SIM II software code in accordance with applicable documentation 3.1.a (GFI). The Contractor shall generate revisions to SIM II in accordance with the procedures for configuration management specified in applicable documentation 3.1.b (GFI). The Contractor shall then update the "SIM II User Reference Manual" (GFI) to reflect the software change. Examples of SIM II software changes are as follows:

- Modify SIM II to allow for ocean currents and drift to automatically affect platforms.
- Add an If/Then construct to the SIM II Tactics language.
- Add Active Intercept capability to FOMC.
- Eliminate NAB address table entry from the SIM II Make Simul Loop command.

4.2 Deliverable Products

For each change to the SIM II software or development of new software, the Contractor shall install any software developed onto the USWAL file server (source code and executable) and deliver a written Software Requirement Document (SRD) in Microsoft Word format and documentation in HTML format via email (CDRL Item A001). The purpose of the SRD is to specify the requirements for a software item and the methods to be used to ensure that each requirement has been met, and is used as the basis for design and qualification testing of a software item. The Contractor shall address, as a minimum, the following topics in a SRD:

- General Description
- SIM II Functional Requirement
- Requirements Identification
- Software Technical Issues
- Data Definition and Database Requirements
- Design and Implementation Constraints
- Requirements for External Interfaces
- Evaluation of Software Requirements
- Testability
- Feasibility
- User Issues
- User Documentation Requirements

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- User Operation and Execution Requirements

The contractor shall provide a Software Development Plan in accordance with CDRL A002.

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 data deliverables provided during each monthly reporting period.

6.0 QUALITY SURVEILLANCE AND 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 performance standards defined in 3.0 Applicable Documents (GFI). 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 (NOV 2011)

- (a) The Contractor agrees to upload the Contractor's Funds and Man-hour Expenditure Reports in the Electronic Cost Reporting and Financial Tracking (eCRAFT) System and submit the Contractor's Performance Report on the day and for the same timeframe the contractor submits an invoice into Wide Area Workflow (WAWF). Compliance with this requirement is a material requirement of this contract. Failure to comply with this requirement may result in contract termination.
- (b) The Contractor's Funds and Man-hour Expenditure Report reports contractor expenditures for labor, materials, travel, subcontractor usage, and other contract charges.
- (c) The Contractor's Performance Report indicates the progress of work and the status of the program and of all assigned tasks. It informs the Government of existing or potential problem areas.

(1) Access:

- a) eCRAFT: Reports are uploaded through the Electronic Cost Reporting and Financial Tracking (eCRAFT) System Periodic Report Utility (EPRU). The EPRU spreadsheet and user manual can be obtained at: http://www.navsea.navy.mil/nuwc/newport/contracts/default.aspx under eCRAFT information. The eCRAFT e-mail address for report submission is: Ecraft.nuwc.npt.fct@navy.mil . If you have problems uploading reports, please see the Frequently Asked Questions at the site address above.
 - b) WAWF: See Clause HQ G-2-0007.

(2) Format.

- a) eCRAFT: Data shall be reported in a format acceptable to the Electronic Cost Reporting and Financial Tracking System (eCraft) as defined in the EPRU manual.
- b) Contractor's Performance Report: The pages shall be sequentially numbered. All attachments shall be identified and referenced in the text of the report. The report shall be prepared in the contractor's format and shall be legible and suitable for reproduction. Electronic submission is mandatory.
- (3) <u>Scope and Content</u>. Costs incurred under this contract/task order are to be segregated at the lowest level of performance, either task, subtask or Technical Instruction (TI), rather than on a total task contract/order basis.
- a) eCRAFT: Supporting documentation in eCRAFT shall include summaries of work charged during the period covered.

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b) Contractor's Performance Report:

- (i) Provide a front cover sheet that indicates the contractor's name and address, the contract 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 contract 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, including the addition/deletion of any subcontractors and key personnel
- (iv) Report problem areas affecting technical, scheduling, or cost elements. Provide background and recommendations for solutions. Report results (positive or negative) obtained related to previously identified problem areas, with conclusions and recommendations.
- (v) Report all trips and significant results. This shall be a full breakdown, including locations, names of the people who travelled, and costs.
- (vi) Report all significant communications and any commitments made thereby. Include all non-contractual communications, such as technical instructions, e-mails, 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.

(4) Submission and Approval.

- a) The contractor shall submit their reports on the same day and for the same timeframe the contractor submits an invoice into WAWF. The amounts shall be same. eCRAFT Approval will be indicated by e-mail notification from eCraft.
- b) <u>Distribution Statement</u>. 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 59.
- (d) The contractor shall not provide other funds, man-hour, or status reporting without the prior written approval of the contracting officer.

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 NACLC.

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

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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 NUWCDIVNPT site. This document is available under "Contractor Info" at: http://www.navsea.navy.mil/nuwc/newport/docs/Forms/AllItems.aspx
- (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%20ISO14001_2009%20Training.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.

C26S INFORMATION ASSURANCE – UNCLASSIFIED DOD INFORMATION ON NON-DOD INFORMATION SYSTEMS (JUL 2010)

a. The Contractor shall ensure that unclassified DoD information it receives or produces in support of DoD activities is protected according to the information safeguards described in Attachment 2 to Directive-Type Memorandum (DTM) 08.027 – Security of Unclassified DoD Information on Non-DoD Information Systems, which is available at the following web address:

http://www.dtic.mil/whs/directives/corres/pdf/DTM-08-027.pdf

- b. Upon request by the Government, the Contractor shall provide documentation demonstrating the safeguards the contractor has implemented to ensure the security of unclassified DoD Information.
- c. Contractor personnel that have not been briefed on Attachment 2 to Directive-Type memorandum (DTM) 08-027 Security of Unclassified DoD Information on Non-DoD Information Systems shall be denied access contractor systems that contain unclassified DoD information.
- d. Subcontracts. If the Contractor issues any subcontracts in which the subcontractor will have access to unclassified DoD information, the Contractor shall include this clause.

C55S Software Development Requirements (NAVSEA) (DEC 2006)

- (a) The contractor shall define a general Software Development Plan (SDP) appropriate for the computer software effort to be performed under this contract. The SDP shall, at a minimum:
- (1) Define the contractor's proposed life cycle model and the processes used as a part of that model. In this context, the term "life cycle model" is as defined in IEEE/EIA Std. 12207.0;
- (2) Contain the information defined by IEEE/EIA Std. 12207.1, section 5.2.1 (generic content) and the Plans and Procedures in Table 1 of IEEE/EIA Std. 12207.1. In all cases, the level of detail shall be sufficient to define all software development processes, activities, and tasks to be conducted;

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- (3) Identify the specific standards, methods, tools, actions, strategies, and responsibilities associated with development and qualification;
- (4) Document all processes applicable to the system to be acquired, including the Primary, Supporting, and Organizational life cycle processes as defined by IEEE/EIA Std. 12207 as appropriate. Such processes shall be equivalent to those articulated by CMMI®;
- (5) Include the content defined by all information items listed in Table 1 of IEEE/EIA Std. 12207.1, as appropriate for the system and be consistent with the processes proposed by the developers;
- (6) Adhere to the characteristics defined in section 4.2.3 of IEEE/EIA Std. 12207, as appropriate;
- (7) Describe the overall life cycle and include primary, supporting, and organizational processes based on the work content of this contract;
- (8) Be in accordance with the framework defined in IEEE/EIA Std. 12207.0, including, but not limited to, defining the processes, the activities to be performed as a part of the processes, the tasks which support the activities, and the techniques and tools to be used to perform the tasks;
- (9) Contain a level of information sufficient to allow the use of the SDP as the full guidance for the developers. In accordance with section 6.5.3a of IEEE/EIA Std. 12207.1, such information shall at a minimum contain, specific standards, methods, tools, actions, reuse strategy, and responsibility associated with the development and qualification of all requirements, including safety and security.
- (b) The SDP shall be delivered to the Government for concurrence under CDRL A00x and shall not vary significantly from that proposed to the Government for evaluation for award. The contractor shall follow the Government concurred with SDP for all computer software to be developed or maintained under this effort. Any changes, modifications, additions or substitutions to the SDP also require prior Government concurrence.

HQ C-2-0059 Updating Specifications and Standards (NAVSEA) (AUG 1994)

If, during the performance of this or any other contract, the contractor believes that any contract contains outdated or different versions of any specifications or standards, the contractor may request that all of its contracts 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 contract 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 contract.

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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 (NISPOM) 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

In accordance with Section E of the MAC contract, the following cost reimbursement clause is hereby incorporated by reference:

FAR:

52.246-5 INSPECTION OF SERVICES – COST-REIMBURSEMENT (APR 1984)

The following clauses are hereby incorporated in full text:

HQ E-1-0001 INSPECTION AND ACCEPTANCE LANGUAGE FOR DATA

Inspection and acceptance of all data shall be as specified on the attached Contract Data Requirements List(s), DD Form 1423.

HQ E-1-0007 INSPECTION AND ACCEPTANCE LANGUAGE FOR LOE SERVICES

Item(s) - Inspection and acceptance shall be made by the Contracting Officer's Representative (COR) or a designated representative of the Government.

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SECTION F DELIVERABLES OR PERFORMANCE

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

1100	10/1/2007 - 9/30/2008
1200	10/1/2008 - 9/30/2009
4100	10/1/2009 - 9/30/2010
4200	11/1/2010 - 9/30/2011
4300	10/1/2011 - 9/30/2012
4400	4/16/2012 - 5/3/2013
4500	2/1/2013 - 5/3/2013

F1S PERIOD OF PERFORMANCE (JUN 2010)

Services to be furnished hereunder shall be performed and completed as follows:

CLIN 1100 - BASE PERIOD FROM 10/1/2007 THROUGH 9/30/2008

CLIN 1200 - OPTION 1 FROM 10/1/2008 THROUGH 9/30/2009

CLIN 4100 - OPTION 2 FROM 10/1/2009 THROUGH 9/30/2010

CLIN 4200 - OPTION 3 FROM 11/1/2010 THROUGH 9/30/2011

CLIN 4300 - OPTION 4 FROM 10/1/2011 THROUGH 9/30/2012

CLIN 4400- OPTION 5 FROM 4/16/2012 THROUGH 5/3/2013

CLIN 4500- OPTION 6 FROM 2/1/13 THROUGH 5/3/2013

* If option is exercised. NOTE: The option periods of performance are estimated and projected for planning purposes. However, if the option is not exercised prior to the beginning of the option's projected performance period as outlined in the schedule, upon receipt of funds, the contracting officer will modify the schedule. The option's performance timeframe shall be adjusted to correlate to the timeframe commensurate with the exercise of the option for a period not to exceed 12 months.

F18S DELIVERY AT DESTINATION (JUN 2004)

The articles to be furnished hereunder shall be delivered in accordance with the clause entitled, F.O.B. Destination (FAR 52.247-34), to the following address:

Supply Officer

Naval Undersea Warfare Center, Division Newport

Naval Station Newport, Bldg. 47

47 Chandler Street

Newport, RI 02841-1708

F22S DELIVERY OF DATA (JUN 2004)

The contractor shall deliver data items in accordance with the directions set forth on the DD Form 1423, Contract

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Data Requirements List (CDRL), which is an exhibit to this task order. Any change in the delivery of data must be made by a formal task order modification.

F30S PLACE OF PERFORMANCE (APR 2005)

Work will be performed at the NUWCDIVNPT and the Contractor's facility or other locations, as required by the statement of work.

HQ F-2-0003 DATA DELIVERY LANGUAGE FOR SERVICES ONLY PROCUREMENTS

All data to be furnished under this contract shall be delivered prepaid to the destination(s) and at the time(s) specified on the Contract Data Requirements List(s), DD Form 1423.

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SECTION G CONTRACT ADMINISTRATION DATA

NOTE TO THE PAYMENT OFFICE (JAN 2012) DFARS PGI 204.7108 (d)(12) Other.

- (a) The award document includes Accounting Data at the end of Section G. All lines of accounting are listed sequentially under a heading that identifies the particular action (award or modification number) under which the funding was obligated. Under Seaport-e, all funding is identified/obligated at the SubCLIN (SLIN) level. Accounting for expenditures and invoicing at the SLIN level is required.
- (b) This requirement includes support for multiple programs with independent budgets and funding lines. These funding lines are NOT interchangeable, and it is critical that the Paying Office pay in accordance with the accounting classification reference numbers (ACRNs) and SLINs noted on the contractor's invoices. To do otherwise, could result in a misappropriation of funds.
- (c) The Payment Office shall ensure that each payment under this contract is made in accordance with the specific ACRNs and SLIN numbers shown on each individual invoice, including attached data.

G10S CONTRACTUAL AUTHORITY AND COMMUNICATIONS (JUN 2011)

- (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 Contracting Officer of this Task Order is a warranted Ordering Officer of the Naval Undersea Warfare Center Division Newport. The Government reserves the right to administratively transfer authority over this task order from the individual named below to another Contracting Officer at any time.
- (b) Authority: The Contracting 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 Contracting 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 Contracting 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. Therefore, in no event will any understanding, agreement, modification, change order, or other matter deviating from the terms of the basic contract or this task order between the contractor and any other person be effective or binding on the Government. If, in the opinion of the contractor, an effort outside the existing scope of this task order is requested, the contractor shall promptly notify the Contracting Officer in writing. No action shall be taken by the contractor unless the Contracting Officer or basic contract PCO has issued a formal modification.

(c) The Contracting C	officer	IS:
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(e) Ombudsman for the	Naval Undersea Warfare	Center Division, Newport, RI, i	is:	
(e) Singularitati tila	rarar emacreea manare	come. Emelon, nonport, m,	0.	
(f) The Contracting Office	r's Representative (COR)	for this task order is:		
(i) The contracting chiec	13 Representative (GGR)	TOT THIS EASK OTACT IS.		
The COR is responsible to	for those specific function	s assigned in the COR Appoir	itment Lett	ter.
		, , , , , , , , , , , , , , , , , , , ,		
(g) The contractor's senio	or technical representative	e (STR), point of contact, for p	erformanc	e under
this task order is:				
0440 001170407.401		NO (OED)(IOEO) (MAD 0044)		

G11S CONTRACT ADMINISTRATION FUNCTIONS (SERVICES) (MAR 2011)

- (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 ACO DELEGATED FUNCTIONS. The task order Administrative Contracting Officer (ACO) is delegated the following functions:
- (1) All functions of FAR 42.302(a) except (3), (40), (44), (45), (46), (47), (51), (59), (62), (63), (64), and (70).
- (2) The function of FAR 42.302(b)(6).

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(c) If the task order ACC covered by the above, t	D identifies a contract ad he task order ACO shall	ministration problem, the remed request the Contracting Officer ing Officer may delegate author	y for whic	e
HQ G-2-0007 INVOIC	E INSTRUCTIONS (NAV	SEA) (APR 2011)		
PAYMENT REQUESTS utilize the DoD Wide Are supplies/services delive https://wawf.eb.mil provof Defense (DoD) persodocumentation in a pap	" (DFARS 252.232-7003) ea Workflow Receipt and red under this contract. ides the technology for connel to generate, capture terless environment. Invited electronically through	ct entitled "ELECTRONIC SUBM), the Naval Sea Systems Comm Acceptance (WAWF) system to This web-based system located government contractors and autle e and process receipt and paym roices for supplies/services rende th WAWF. Submission of hard c	nand (NAV accept at horized Do ent-relate ered unde	'SEA) will epartment d r this
Registration (CCR) Electronsubmission of invoices, Vendor, Group Administration	etronic Business (EB) Poi use the online training sy trator (GAM), and section endor documentation is a	ompany designated as the Centrint of Contact and anyone responsitem for WAWF at http://wawftr is marked with an asterisk in the available under Resources at	nsible for aining.co	the <u>m</u> . The
on WAWF by calling will self-register under the administrator. After the	. Once the ne company's CAGE cod company is set-up on W	responsible for activating the content company is activated, the CCR le on WAWF and follow the instractional persons rescompany's CAGE code at		

Issue DODAAC N66604

Admin DODAAC S0701A

Pay Office DODAAC HQ0337

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Inspector DODAAC	Left Blank
Service Acceptor DODAAC	Left Blank
Service Approver DODAAC	N66604
Ship To DODAAC	Left Blank
DCAA Auditor DODAAC	_HAA661
Inspection Location	Left Blank
Acceptance Location	Left Blank

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) The Contractor agrees to segregate costs incurred under this task order at the lowest level of performance, either task or subtask, rather than on a total task order basis, and to submit invoices reflecting costs incurred at that level. Supporting documentation in WAWF for invoices shall include summaries of work charged during the period covered as well as overall cumulative summaries by individual labor categories, rates, and hours (both straight time and overtime) invoiced; as well as a cost breakdown of ODCs (materials and travel), by line item task or subtask. Subcontractors are also required to provide labor categories, rates, and hours (both straight time and overtime) invoiced; as well as, a cost breakdown of ODCs, materials, and travel invoiced. Supporting documentation may be encrypted before submission to the prime contractor for WAWF invoice submittal. Subcontractors may email encryption code information directly to the Contracting Officer and Contracting Officer Representative. Should the subcontractor lack encryption capability, the subcontractor may also email detailed supporting cost information directly to the Contracting Officer and Contracting Officer Representative; or other method as agreed to by the Contracting Officer.
- (f) 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:	

- (g) The contractor shall submit invoices/cost vouchers for payment per contract terms and the government shall process invoices/cost vouchers for payment per contract terms. Contractors approved by DCAA for direct billing will submit cost vouchers directly to DFAS via WAWF. Final voucher submission will be approved by the ACO.
- (h) If you have any questions regarding WAWF, please contact the WAWF helpdesk at the above

	For payment status,	log into WAWF,	scroll to the	bottom of the pa	ge, and
click on the link for "Pay	Status (myinvoice – Ex	kternal Link)".			

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Accounting Data

SLINID PR Number Amount

110001 SEE BELOW

LLA :

A1 97X4930.NH6A 000 77777 0 066604 2F 000000 60100760G400

Standard Number: 0169255

N66604-7068-9696 -

N66604-7228-7784 -

BASE Funding Cumulative Funding

MOD 01

110002 N66604-8113-2586

LLA :

A1 97X4930.NH6A 000 77777 0 066604 2F 000000 60100760G400

Standard Number: 0169255

MOD 01 Funding Cumulative Funding

MOD 03

120001 N66604-8238-6866

LLA

A1 97X4930.NH6A 000 77777 0 066604 2F 000000 60100760G400

Standard Number: 0169255

MOD 03 Funding Cumulative Funding

MOD 04

120002 N66604-9084-7610

LLA :

A1 97X4930.NH6A 000 77777 0 066604 2F 000000 60100760G400

Standard Number: 0169255

MOD 04 Funding Cumulative Funding

MOD 05

410001 N66604-9257-7245

LLA :

A1 97X4930.NH6A 000 77777 0 066604 2F 000000 60100760G400

Standard Number: 0169255

MOD 05 Funding Cumulative Funding

MOD 06

410002 N66604-0229-5984

LLA :

A1 97X4930.NH6A 000 77777 0 066604 2F 000000 60100760G400

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Standard Number: 0169255

MOD 06 Funding
Cumulative Funding

MOD 07

420001 N66604-0291-6184

LLA :

A1 97X4930.NH6A 000 77777 0 066604 2F 000000 60100760G400

Standard Number: 0169255

MOD 07 Funding Cumulative Funding

MOD 08 Funding Cumulative Funding

MOD 09

430001 N66604-1165-4910

LLA :

A1 97X4930.NH6A 000 77777 0 066604 2F 000000 60100760G400

Standard Number: 0169255

MOD 09 Funding Cumulative Funding

MOD 10 Funding
Cumulative Funding

MOD 11 Funding Cumulative Funding

MOD 12 Funding Cumulative Funding

MOD 13

440001 1300256445

LLA :

A2 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001103001

MOD 13 Funding Cumulative Funding

MOD 14

450001 1300319554

LLA :

A3 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001518922

MOD 14 Funding Cumulative Funding

MOD 15 Funding Cumulative Funding

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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 one (1) year 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.

^{*} 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.

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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.

H24S PROHIBITION ON TELECOMMUNICATIONS (OCT 2006)

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.

H61S GOVERNMENT FURNISHED PROPERTY (GFP) (NOV 2010)

- (a) The Government shall furnish Government property to the Contractor for use in connection with this task order.
- (1) Government Furnished Equipment (GFE), Government Furnished Material (GFM) and Government facilities shall be made available for contractor's use as identified in the attached, Government Property Made Available. The property shall be made available, free of expense to the Contractor, in the quantities and at the times specified at the following location: NUWCDIVNPT, Newport RI
- (2) Government Furnished Information (GFI) shall be provided as identified in the Statement of Work and specifications. Unless specified otherwise, GFI will be furnished within 30 days after task order award.
- (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 Contracting 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 Contracting Officer, in writing, of any property lost, damaged, or transferred out of the Contractor's possession.

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5252.216-9122 LEVEL OF EFFORT - ALTERNATE 1 (MAY 2010)

- (a) The Contractor agrees to provide the total level of effort specified in the next sentence in performance of the work described in Sections B and C of this contract. The total level of effort for the performance of this contract shall be total man-hours of direct labor, including subcontractor direct labor for those subcontractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort.
- (b) Of the total man-hours of direct labor set forth above, it is estimated that man-hours are uncompensated effort.

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

- (c) Effort performed in fulfilling the total level of effort obligations specified above shall only include effort performed in <u>direct</u> support of this contract and shall not include time and effort expended on such things as (local travel to and from an employee's usual work location), uncompensated effort while on travel status, truncated lunch periods, work (actual or inferred) at an employee's residence or other non-work locations (except as provided in paragraph (i) below), or other time and effort which does not have a specific and direct contribution to the tasks described in Sections B and C.
- (d) The level of effort for this contract shall be expended evenly over the period of performance. It is understood and agreed that the rate of man-hours per month may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total man-hours of effort prior to the expiration of the term hereof, except as provided in the following paragraph.
- (e) If, during the term hereof, the Contractor finds it necessary to accelerate the expenditure of direct labor to such an extent that the total man-hours of effort specified above would be used prior to the expiration of the term, the Contractor shall notify the Contracting Officer in writing setting forth the acceleration required, the probable benefits which would result, and an offer to undertake the acceleration at no increase in the estimated cost or fee together with an offer, setting forth a proposed level of effort, cost breakdown, and proposed fee, for continuation of the work until expiration of the term hereof. The offer shall provide that the work proposed will be subject to the terms and conditions of this contract and any additions or changes required by then current law, regulations, or directives, and that the offer, with a written notice of acceptance by the Contracting Officer, shall constitute a binding contract. The Contractor shall not accelerate any effort until receipt of such written approval by the Contracting Officer. Any agreement to accelerate will be formalized by contract modification.
- (f) The Contracting Officer may, by written order, direct the Contractor to accelerate the expenditure of direct labor such that the total man-hours of effort specified in paragraph (a) above would be used prior to the expiration of the term. This order shall specify the acceleration required and the resulting revised term. The Contractor shall acknowledge this order within five days of receipt.
- (g) 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.
- (h) 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

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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. All submissions shall include subcontractor information.

- (i) Unless the Contracting Officer determines that alternative worksite arrangements are detrimental to contract performance, the Contractor may perform up to 10% of the hours at an alternative worksite, provided the Contractor has a company-approved alternative worksite plan. The primary worksite is the traditional "main office" worksite. An alternative worksite means an employee's residence or a telecommuting center. A telecommuting center is a geographically convenient office setting as an alternative to an employee's main office. The Government reserves the right to review the Contractor's alternative worksite plan. In the event performance becomes unacceptable, the Contractor will be prohibited from counting the hours performed at the alternative worksite in fulfilling the total level of effort obligations of the contract. Regardless of work location, all contract terms and conditions, including security requirements and labor laws, remain in effect. The Government shall not incur any additional cost nor provide additional equipment for contract performance as a result of the Contractor's election to implement an alternative worksite plan.
- (j) Notwithstanding any of the provisions in the above paragraphs and subject to the LIMITATION OF FUNDS or LIMITATION OF COST clauses, as applicable, the period of performance may be extended and the estimated cost may be increased in order to permit the Contractor to provide all of the man-hours listed in paragraph (a) above. The contractor shall continue to be paid fee for each man-hour performed in accordance with the terms of the contract.

k) The total quantity of hours is broken out by CLIN, as follows:

CLIN	IBase/Contion	GOVERNMENT SITE	CONTRACTOR SITE	TOTAL HOURS
1100	BASE PERIOD			
1200	OPTION 1			
4100	OPTION 2			
4200	OPTION 3			
4300	OPTION 4			
4400	OPTION 5			
4500	OPTION 6			
Total				

TOTAL HOURS:

5252.232-9104 ALLOTMENT OF FUNDS (JAN 2008)

(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

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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:

	ALLOTTED TO	ALLOTTED TO	TOTAL AMOUNT	ESTIMATED PERIOD
ITEM	COST	FEE	ALLOTTED	OF PERFORMANCE
				9/30/12
440001				5/3/13
450001				5/3/13

- (b) The parties contemplate that the Government will allot additional amounts to this contract from time to time for the incrementally funded CLINs/SLINs by unilateral contract modification, and any such modification shall state separately the amount(s) allotted for cost, the amount(s) allotted for fee, the CLINs/SLINs covered thereby, and the period of performance which the amount(s) are expected to cover.
- (c) CLINs/SLINs are fully funded and performance under these CLINs/SLINs is subject to the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20).
- (d) The Contractor shall segregate costs for the performance of incrementally funded CLINs/SLINs from the costs of performance of fully funded CLINs/SLINs.

5252.237-9106 SUBSTITUTION OF PERSONNEL (SEP 1990)

- (a) The Contractor agrees that a partial basis for award of this contract is the list of key personnel proposed. Accordingly, the Contractor agrees to assign to this contract those key persons whose resumes were submitted with the proposal necessary to fulfill the requirements of the contract. No substitution shall be made without prior notification to and concurrence of the Contracting Officer in accordance with this requirement.
- (b) All proposed substitutes shall have qualifications equal to or higher than the qualifications of the person to be replaced. The Contracting Officer shall be notified in writing of any proposed substitution at least forty-five (45) days, or ninety (90) days if a security clearance is to be obtained, in advance of the proposed substitution. Such notification shall include: (1) an explanation of the circumstances necessitating the substitution; (2) a complete resume of the proposed substitute; and (3) any other information requested by the Contracting Officer to enable him/her to judge whether or not the Contractor is maintaining the same high quality of personnel that provided the partial basis for award.

The authorized key people under this task order are:

NAME	CATEGORY

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

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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.
- (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.

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SECTION I	CONTRAC	Γ CLAUSES			
The following c	auses are hereby	v incorporated by reference:			
1. <u>FAR</u> :					
52.204-2 S	ecurity Requi	rements (AUG 1996)			
52.204-9 Per	sonal Identity	Verification of Contracto	r Personnel (Sep 2007)		
52.204-10 Reporting Executive Compensation and First-Tier Subcontract Awards (Jul 2010)					
52.222-54 E	MPLOYMENT	ELIGIBILITY VERIFICA	ATION (JAN 2009)		
52.223-5 POLL	UTION PREVE	ENTION AND RIGHT-TO-K	NOW INFORMATION (AUG 2003)		
52.237-2 PROT	ECTION OF G	OVERNMENT BUILDINGS	S, EQUIPMENT AND VEGETATION	(APR 1984))
52.245-1 GO	VERNMENT	PROPERTY (AUG 2010)			
52.245-9 US	E AND CHAR	GES (AUGUST 2010)			
2. <u>DFARS</u> :					
252.204-7005 C	RAL ATTEST	ATION OF SECURITY RES	SPONSIBILITIES (NOV 2001)		
252.222-7006	RESTRICTI (DEC 2010)	ONS ON THE USE OF MA	ANDATORY ARBITRATION AGR	EEMENTS	
252.223-7006 P 1993)	ROHIBITION	ON STORAGE AND DISPO	SAL OF TOXIC AND HAZARDOUS	S MATERIA	LS (APR
252.227-7013	RIGHTS IN	ΓΕCHNICAL DATA NO	NCOMMERCIAL ITEMS (NOV 19	95)	
252.227-7014		NONCOMMERCIAL CON SOFTWARE DOCUMEN'	IPUTER SOFTWARE AND NONCO FATION (JUN 1995)	OMMERCIA	AL
252.227-7016	RIGHTS IN	BID OR PROPOSAL INFO	DRMATION (JUN 1995)		
252.227-7019	VALIDATIO (JUN 1995)		RICTIONS COMPUTER SOFTWAR	Ι Ε	
252.227-7025	_	NS ON THE USE OR DISC ION WITH RESTRICTIV	CLOSURE OF GOVERNMENT-FU E LEGENDS (JUN 1995)	RNISHED	
252.231-7000 S	UPPLEMENT	AL COST PRINCIPLES (DE	CC 1991)		
52.242-7004 M	ATERIAL MAI	NAGEMENT AND ACCOU	NTING SYSTEM (DEC 2000)		
252.231-7000 S	UPPLEMENT	AL COST PRINCIPLES (DE	EC 1991)		
252.239-7000	Protection Ag	ainst Compromising Emanat	ions (JUN 2004)		
252.239-7001	INFORMATI	ON ASSURANCE CONTRA	ACTOR TRAINING AND CERTIFICA	ATION (JAN	J 2008)
252 245 5004	TACONG I	ADDITING AND MARKET	NO OE COMEDNIA END EMPRIS	ED	

252.245-7001 TAGGING, LABELING, AND MARKING OF GOVERNMENT-FURNISHED

252.245-7002 REPORTING LOSS OF GOVERNMENT PROPERTY (FEB 2011)

PROPERTY (FEB 2011)

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The following clause(s) are hereby incorporated in full text:

52.244-2 SUBCONTRACTS (OCT 2010)

- (a) Definitions. As used in this clause—
- "Approved purchasing system" means a Contractor's purchasing system that has been reviewed and approved in accordance with Part 44 of the Federal Acquisition Regulation (FAR)
- "Consent to subcontract" means the Contracting Officer's written consent for the Contractor to enter into a particular subcontract.
- "Subcontract" means any contract, as defined in FAR Subpart 2.1, entered into by a subcontractor to furnish supplies or services for performance of the prime contract or a subcontract. It includes, but is not limited to, purchase orders, and changes and modifications to purchase orders.
- (b) When this clause is included in a fixed-price type contract, consent to subcontract is required only on unpriced contract actions (including unpriced modifications or unpriced delivery orders), and only if required in accordance with paragraph (c) or (d) of this clause.
- (c) If the Contractor does not have an approved purchasing system, consent to subcontract is required for any subcontract that-
 - (1) Is of the cost-reimbursement, time-and-materials, or labor-hour type; or
 - (2) Is fixed-price and exceeds—
 - (i) For a contract awarded by the Department of Defense, the Coast Guard, or the National Aeronautics and Space Administration, the greater of the simplified acquisition threshold or 5 percent of the total estimated cost of the contract; or
 - (ii) For a contract awarded by a civilian agency other than the Coast Guard and the National Aeronautics and Space Administration, either the simplified acquisition threshold or 5 percent of the total estimated cost of the contract.
- (d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer's written consent before placing the following subcontracts: Any new additional subcontracts not approved in the original task order award.
- (e)(1) The Contractor shall notify the Contracting Officer reasonably in advance of placing any subcontract or modification thereof for which consent is required under paragraph (b), (c), or (d) of this clause, including the following information:
 - (i) A description of the supplies or services to be subcontracted.
 - (ii) Identification of the type of subcontract to be used.
 - (iii) Identification of the proposed subcontractor.
 - (iv) The proposed subcontract price.
 - (v) The subcontractor's current, complete, and accurate certified cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions.
 - (vi) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract.
 - (vii) A negotiation memorandum reflecting -
 - (A) The principal elements of the subcontract price negotiations;
 - (B) The most significant considerations controlling establishment of initial or revised prices;
 - (C) The reason certified cost or pricing data were or were not required;
 - (D) The extent, if any, to which the Contractor did not rely on the subcontractor's certified cost or pricing data in determine the price objective and in negotiating the final price;
 - (E) The extent to which it was recognized in the negotiation that the subcontractor's certified cost or pricing data were

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accurate, complete, or current; the action taken by the Contractor and the subcontractor; and the effect of any such defeddata on the total price negotiated;

- (F) The reasons for any significant difference between the Contractor's price objective and the price negotiated; and
- (G) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify critical performance element, management decisions used to quantify each incentive element, reasons for the incentive summary of all trade-off possibilities considered.
- (2) The Contractor is not required to notify the Contracting Officer in advance of entering into any subcontract for which consent is not required under paragraph (b), (c), or (d) of this clause.
- (f) Unless the consent or approval specifically provides otherwise, neither consent by the Contracting Officer to any subcontract nor approval of the Contractor's purchasing system shall constitute a determination -
- (1) Of the acceptability of any subcontract terms or conditions;
- (2) Of the allowability of any cost under this contract; or
- (3) To relieve the Contractor of any responsibility for performing this contract.
- (g) No subcontract or modification thereof placed under this contract shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement type subcontracts shall not exceed the fee limitations in FAR 15.404-4(c)(4)(i).
- (h) The Contractor shall give the Contracting Officer immediate written notice of any action or suit filed and prompt notice of any claim made against the Contractor by any subcontractor or vendor that, in the opinion of the Contractor, may result in litigation related in any way to this contract, with respect to which the Contractor may be entitled to reimbursement from the Government.
- (i) The Government reserves the right to review the Contractor's purchasing system as set forth in FAR Subpart 44.3.
- (j) Paragraphs (c) and (e) of this clause do not apply to the following subcontracts, which were evaluated during negotiations: NONE

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SECTION J LIST OF ATTACHMENTS

Exhibit A - DD 1423, Contract Data Requirements List

Attachment #1 - DD 254, Contract Security Classification Specification

Attachment #2 - Government Furnished Property