

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE U		PAGE OF PAGES 1 2		
2. AMENDMENT/MODIFICATION NO. 18		3. EFFECTIVE DATE 21-Nov-2013		4. REQUISITION/PURCHASE REQ. NO. N66604-5207-51Q1-991		5. PROJECT NO. (If applicable) N/A	
6. ISSUED BY NUWC, NEWPORT DIVISION Simonpietri Drive, Building 11 Newport RI 02841-1706 elizabeth.walker1@navy.mil 401-832-1364		CODE N66604		7. ADMINISTERED BY (If other than Item 6) DCMA LONG ISLAND 605 STEWART AVENUE GARDEN CITY NY 11530-4761		CODE S3309A	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Purvis Systems 5225 ROUTE 347, SUITE 11 PORT JEFFERSON STATION NY 02842			9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
			10A. MODIFICATION OF CONTRACT/ORDER NO. <div style="text-align: center;">[X]</div> N00178-04-D-4109-N407		
			10B. DATED (SEE ITEM 13) 20-Jul-2007		
CAGE CODE 52644		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

SEE SECTION G

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

(*)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
[]	
[]	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
[]	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
[X]	D. OTHER (Specify type of modification and authority) FAR 43.103(a) & FAR 52.232-22, Limitation of Funds (apr 1984)

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) <div style="background-color: black; height: 20px; width: 100%;"></div>		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Laina J Ouellette, Contracting Officer	
15B. CONTRACTOR/OFFEROR <div style="background-color: black; height: 20px; width: 100%;"></div> (Signature of person authorized to sign)	15C. DATE SIGNED 22-Nov-2013	16B. UNITED STATES OF AMERICA BY /s/Laina J Ouellette (Signature of Contracting Officer)	16C. DATE SIGNED 25-Nov-2013

NSN 7540-01-152-8070
 PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)
 Prescribed by GSA
 FAR (48 CFR) 53.243

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GENERAL INFORMATION

Distribution: KR, 0221, DFAS-HQ0337, 71/J. Hartwein-Sanchez, 75/L. Griffin

FSC: R414

NUWCDIVNPT Control #: 140319

NUWCDIVNPT Requisition #(s): N66604-5207-51Q1-991

NUWCDIVNPT POC: Lis Walker (See cover page for e-mail address and telephone number)

The purpose of this modification is to Deobligate Funding from CLINs 110007.

SECTION B - Decrease SLIN 110007 from [REDACTED] by [REDACTED] to [REDACTED]

SECTION G- LLAs 110007/A5 is decreased by this modification.

SECTION H- Revise Clause H31S to reflect decrease in funding as a result of this deobligation.

The total funding obligated for this task order is hereby **decreased from** [REDACTED] by [REDACTED] to [REDACTED]:

CONTRACTOR'S STATEMENT OF RELEASE

The contractor hereby releases the Government from any and all liability under this task order for further adjustments attributable to contract closeout procedures (as it applies to **CLIN 110007**) as a result of this deobligation.

All other task order terms and conditions remain unchanged.

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SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

1000		Services in accordance with the SOW.					
Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
1100	5995	Basic - RDDA Funds (OTHER)	10254.0	LH			
110001	5995	FUNDING - SILC TASKING (OTHER)					
110002	5995	FUNDING - EI/NII TASKING (OTHER)					
110003	5995	FUNDING - SILC Tasking (OTHER)					
110004	5995	FUNDING - SILC TASKING (OTHER)					
110005	5995	A5 (SOW 4.1 Task A, 4.2 Task B, 4.3 Task C, 4.4 Task D, 4.5 Task E, 4.6 Task F, 4.7 Task G, 4.8 Task H, 4.18 Task R) (OTHER)					
110006	5995	A6 (OTHER)					
110007	5995	A5 - in mod 18) (OTHER)					
110008	5995	A6 (OTHER)					
110009	5995	A5 (OTHER)					
1101	5995	Option 1 - RDDA (OTHER)	9760.0	LH			
110101	5995	A6					

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(OTHER)

110102 5995 A5 [REDACTED]
(OTHER)

110103 5995 A7 [REDACTED]
(OTHER)

110104 5995 A8 [REDACTED]
(OTHER)

110105 5995 A9 [REDACTED]
(OTHER)

110106 5995 B1 [REDACTED]
(OTHER)

110107 5995 B2 [REDACTED]
(OTHER)

110108 5995 B1 [REDACTED]
(OTHER)

110109 5995 B3 [REDACTED]
(OTHER)

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
-----	---	-----	----	----	-----
3000		Prime and Subcontractor Travel and Material (with burdens, no fee)			[REDACTED]
3100	5995	Base ODC's - RDDA (OTHER)	1.0	LO	[REDACTED]
310001	5995	Funding for ACRN A2 (EI/NII Tasking) (OTHER)			
310002	5995	Funding for ACRN A1 (SILC Tasking) (OTHER)			
310003	5995	Funding for ACRN A3 (SILC Tasking) (OTHER)			
310004	5995	Funding for ACRN A4 (EI/NII) (OTHER)			
310005	5995	Funding for ACRN			

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A3 (SILC Tasking)
(OTHER)

310006 5995 A5 [REDACTED]
(SOW 4.1 Task A,
4.2 Task B, 4.3
Task C, 4.4 Task
D, 4.5 Task E,
4.6 Task F, 4.7
Task G, 4.8 Task
H, 4.18 Task R)
(OTHER)

310007 5995 A6 [REDACTED]
(OTHER)

310008 5995 A5 [REDACTED]
(OTHER)

310009 5995 A5 [REDACTED]
(OTHER)

3101 5995 Option 1 ODC's - 1.0 LO [REDACTED]
RDDA (OTHER)

310101 5995 A6 [REDACTED]
(OTHER)

310102 5995 A5 [REDACTED]
(OTHER)

310103 5995 A8 [REDACTED]
(OTHER)

310104 5995 A9 [REDACTED]
(OTHER)

310105 5995 B1 [REDACTED]
(OTHER)

310106 5995 B2 [REDACTED]
(OTHER)

310107 5995 B1 [REDACTED]
(OTHER)

310108 5995 B3 [REDACTED]
(OTHER)

B30S LEVEL OF EFFORT - TERM (NOV 2005)

(a) The level of effort of each Contract Line Item Number (CLIN) of this task order is as follows:

Manhours

Item Contractor Site Government Site

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Base	10,254	0
Option 1	9,760	0

TOTAL HOURS: 20,014.

The term of each CLIN is defined in section F of the task order.

(b) In the event that the incurred level of effort exceeds by 5% or less of the task order requirement, but does not exceed the estimated cost of the task order, the Contractor shall be entitled to cost reimbursement for actual hours expended, not to exceed the ceiling cost. The Contractor shall not be paid fixed fee, however, on level of effort in excess of 100% without complying with subsection (d) below. This understanding does not supersede or change subsection (d) below, whereby the Contractor and Government may agree on a change to the task order level of effort with an equitable adjustment for both cost and fee.

(c) Either the "Limitation of Cost" or the "Limitation of Funds" clause, depending upon whether or not the task order is fully funded, applies independently and nothing in this clause amends the rights or responsibilities of the parties hereto under either of those two clauses. In addition, the notifications required by this clause are separate and distinct from any specified in either the "Limitation of Cost" or "Limitation of Funds" clause.

(d) The Contractor shall notify the Task Order Ordering Officer immediately in writing whenever it has reason to believe that:

(1) The level of effort the Contractor expects to incur under the task order in the next 60 days, when added to the level of effort previously expended in the performance of the task order, will exceed 75% of the level of effort established for the task order; or

(2) The level of effort required to perform the task order will be greater than the level of effort established for the task order.

As part of the notification, the Contractor shall provide the Task Order Ordering Officer a revised estimate of the level of effort required to perform the task order. As part of the notification, the Contractor also shall submit any proposal for adjustment to the estimated cost and fixed fee that it deems would be equitable if the Government were to increase the level of effort as proposed by the Contractor. Any such upward adjustment shall be prospective only; i.e., will apply only to effort expended after a modification (if any) is issued. However, whether an increase in fixed fee is appropriate shall depend on the circumstances involved, and, except as otherwise provided in the task order, shall be entirely within the discretion of the Contracting Officer. In no event, however, shall the fixed fee be increased unless the revised level of effort exceeds the previously established level of effort by more than 10%.

(e) In the event that less than 100% of the established level of effort, or if said level of effort has been previously revised upward, of the fee bearing portion of the additional hours by which the level of effort was last increased, is actually expended by the completion date of the task order, the Government shall have the option of;

(1) Requiring the Contractor to continue performance, subject to the provisions of the limitation of cost clause, or, as applicable, the limitation of funds clause, until the effort expended equals 100% of the original level of effort or of the fee bearing portion of the last upward revision; or

(2) Effecting a reduction in the fixed fee by the percentage by which the total expended man-hours is less than 100% of the original level of effort or the fee bearing portion of the last upward revision.

(f) Within thirty days after completion of the task order, the Contractor shall submit the following information in writing directly to the Task Order Ordering Officer, the TOM and the Defense Contract Audit Agency office to which vouchers are submitted.

(1) The total number of man-hours of direct labor expended;

(2) A breakdown of this total showing the number of man-hours expended in each direct labor classification listed in the task order schedule, including the identification of the key employees utilized;

(3) The Contractor's estimate of the total allowable cost incurred under the task order.

(4) In the case of a cost underrun, the amount by which the estimated cost of the task order may be reduced to recover excess funds.

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

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exercise dates are specified below:

Option No.	Exercise Date - No Later Than
1	09/28/2008

B51S PAYMENT OF FIXED FEE - TERM (NOV 2005)

(a) The fixed fee, as specified in Section B of this contract, subject to any adjustment required by other provisions of this contract, will be paid in installments to be paid at the time of each provisional payment. The amount of each such installment is to be in direct ratio of the total fixed fee as the net direct labor hours expended during the installment period is to direct labor hours specified in the clause entitled, Level of Effort - Term.

(b) Fee shall be paid only for hours performed, not to exceed the fixed fee amount stated in the order.

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

STATEMENT OF WORK

1.0 BACKGROUND SILC PROGRAM: The purpose of the Soft Impact Location Capability (SILC) initiative is to develop a capability that will support the test and evaluation needs of the Joint Services for advanced ordnance systems. Traditional methods for testing these systems, whether launched from land, sea, or air, depend on the use of land-based targets and test ranges. These methods are becoming inadequate, as the range and sophistication of the ordnance systems increases. The extended ranges of many developmental munitions, together with the ability of some to maneuver during flight either autonomously or via external guidance, creates large hazard areas in both range and cross-range that exceed the safe zones available at existing test ranges. Furthermore, use of existing land impact areas is becoming increasingly difficult as a result of environmental and political constraints. There is also an increasing need for recovery of ordnance payloads after test firings, which precludes the use of deep-water ranges.

The SILC initiative will develop a shallow-water marking and recovery support capability to respond to these issues. The SILC project has been approved by the Central Test and Evaluation Improvement Program (CTEIP) Element Manager in the Ranges and Resources section of Defense Test Resource Management Center (DTRMC) as a Joint Improvement and Modernization (JIM) project. The project began in Fiscal Year 2002, with Navy serving as the lead Service in a joint Navy/Air Force Army integrated project organization. NUWCDIVNPT is the selected activity for project management and technical direction. Phase II of the SILC JIM project, which was initiated in FY 2004, commenced the follow-on SILC systems engineering and product development. This includes subsystem design and development; hardware/software procurement; fabrication and installation; plus, integration and test. Corollary tasks include technical documentation and Integrated Logistics Support (ILS). The SILC system is composed of six subsystems: acoustic, angle-of-incidence (AOI), signal & data processing, data communications, remote display, and a deployment & recovery subsystem. Contractor engineering and project management support is required to complete these efforts.

1.1 BACKGROUND EI PROGRAM:

The purpose of the DoD Embedded Instrumentation initiative is to fund development of cutting edge technology to accomplish one or more of the following:

- a. Develop embedded instrumentation subsystems and components for field experiments and/or tests in a simulated environment appropriate for the proposed system application
- b. Integrate embedded instrumentation subsystems and components into prototypes for field experiments and/or tests in a simulated environment appropriate for the proposed system application
- c. Demonstrate embedded instrumentation concepts and technologies.

Embedded instrumentation is defined here as: "Data collection and processing capabilities, integrated into the design of a system for one or more of the following uses: diagnostics, prognostics, testing or training." Embedded instrumentation provides measurement system hardware and/or software that can be fully integrated in military systems. It may collect, process, transmit, and/or store measurement data. Embedded instrumentation captures a core set of data for test and evaluation throughout the life of the system. It would be desirable for this instrumentation to leverage or benefit logistics, training, and battle damage assessment embedded instrumentation efforts. The presence of embedded instrumentation should be transparent to the system user(s) and non-intrusive on military system performance and operation.

NUWCDIVNPT is the selected activity for program management and administration of the EI initiative, one of several focus areas that are funded out of the Office of Defense Test Resource Management Center (DTRMC). The Specific program within DTRMC is the Science & Technology/Test & Evaluation (S&T/T&E) program. NUWCDIVNPT will provide project management and technical direction to the Embedded Instrumentation focus area within the S&T/T&E program. Contractor engineering and project management support is required to complete these efforts.

2.0 SCOPE. The contractor shall provide support to the SILC and EI Project Director in accordance with paragraphs 3.20 and 3.21 of the basic contract for Tasks A through H, paragraph 3.14 of the basic contract for Tasks P and Q, paragraphs 3.3, 3.5, 3.6 and 3.10 for Tasks I through O, and paragraphs 3.1 and 3.2 for Task R.

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3.0 APPLICABLE DOCUMENTS.

- NUWC-NPT Administrative Publication 11,255, dtd 15 June 2001
- NUWC DIFMS Reports
- CTEIP Planning and Execution Guide (PEG)
- Code 70 Range Systems Development Quality Processes Manual (QPM)
- MIL-STD-498 Software Development and Documentation
- MIL-STD-973 Configuration Management
- Embedded Instrumentation Working Group Charter
- Test Technology Area Plan (TTAP)

4.0 REQUIREMENTS BASE PERIOD OF PERFORMANCE.

4.1 TASK A. Utilizing rough presentation data (provided as GFI) and IAW NUWC-NPT Administrative Publication 11,255, the contractor shall develop data/graphics presentation material in the form of slides, handouts, posters, and multimedia presentations for use by SILC and EI project personnel for project briefings. Typical SILC project briefing materials include technical diagrams of live fire test scenarios, video clips, functional organizational charts, system concept drawings, pie charts, schedules, bar charts, technical illustrations, and text. Typical EI project briefing materials include technical EI project information, functional organizational charts, system concept drawings, pie charts, schedules, bar charts, technical illustrations, and text.

4.1.1 DELIVERABLE PRODUCT. The Contractor shall develop and provide SILC Project presentation materials. Deliverable is due NLT 5 days after receipt of GFI in accordance with CDRL A001.

Standard: Presentation materials conform to document requirements in the NUWC Division Newport Administrative Publication 11,244 of 15 June 2001 – Publications and Presentation Guide and IAW CDRL A001.

4.1.2 DELIVERABLE PRODUCT. The Contractor shall develop and provide EI Project presentation materials. Deliverable is due NLT 5 days after receipt of GFI in accordance with CDRL A001.

Standard: Presentation materials conform to document requirements in the NUWC Division Newport Administrative Publication 11,244 of 15 June 2001 – Publications and Presentation Guide and IAW CDRL A001.

4.2 TASK B. Utilizing SILC and EI Project management and technical data (provided as GFI), the contractor shall develop draft project management plans and technical reports IAW NUWC-NPT Administrative Publication 11,255. For SILC the plans/reports shall include the development, revision and/or update of the Test Capability Requirements Document (TCRD), SILC technical manuals, SILC Project management documents, and reports on findings of specific project research and development efforts. For EI the plans/reports shall include the development, review, revision and/or update of EI technical manuals, EI Project management documents, and reports on findings of specific project research and development efforts. In some cases, these reports may be required to be provided in electronic format (MS Word) or in Adobe Acrobat pdf format on a Compact Disk (CD).

4.2.1 DELIVERABLE PRODUCT. The Contractor shall develop draft SILC Project management and technical documents. Deliverable is due 45 days after receipt of GFI in accordance with CDRL A002.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews. Narrative presentations are clear and concise. Any Analysis done is technically accurate. Documents conform to the requirements in the NUWC Division Newport Administrative Publication 11,244 of 15 June 2001 – Publications and Presentation Guide and IAW CDRL A002.

4.2.2 DELIVERABLE PRODUCT. The Contractor shall develop draft EI Project management and technical documents. Deliverable is due 45 days after receipt of GFI in accordance with CDRL A002.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews.

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Narrative presentations are clear and concise. Any Analysis done is technically accurate. Documents conform to the requirements in the NUWC Division Newport Administrative Publication 11,244 of 15 June 2001 – Publications and Presentation Guide and IAW CDRL A002.

TASK C.

4.3.1 In accordance with SILC financial tracking system requirements and utilizing SILC Project financial data (provided as GFI) and NUWC DIFMS and EBIS reports, the contractor shall update and maintain the SILC financial tracking system. The Contractor shall develop monthly project financial reports of planned vs. actual expenditures . In addition, technical support shall be provided for the development of SILC budgets and funding usage projections shall be required. This support shall include analysis of budget projections, task deconfliction, and assesment of resource utilization.

4.3.1.1 DELIVERABLE PRODUCT. The Contractor shall provide SILC monthly financial reports. Deliverable is due NLT 10 days after reporting period in accordance with CDRL A003.

Standard: The financial reports are complete and accurate. Any analysis done is technically accurate. Updates are done IAW CDRL A003.

4.3.2 In accordance with EI financial tracking system requirements and utilizing EI Project financial data (provided as GFI from the TestWeb system) and NUWC DIFMS, EBIS reports and reports from performing contractors, the Contractor shall update and maintain the EI financial tracking system. The contractor shall develop monthly EI project financial reports of planned vs. actual expenditures . In addition, technical support shall be provided for the development of EI budgets and funding usage projections shall be required. This support shall include analysis of budget projections, task deconfliction, and assesment of resource utilization.

4.3.2.1 DELIVERABLE PRODUCT. The Contractor shall provide EI monthly financial reports. Deliverable is due NLT 10 days after reporting period in accordance with CDRL A003.

Standard: The financial reports are complete and accurate. Any analysis done is technically accurate. Updates are done IAW CDRL A003.

4.4 TASK D. The Contractor shall, based upon project schedule, resource, and financial data (provided as GFI), develop and maintain a Earned Value Management Information System (EVMIS) that provides cost and schedule tracking analysis for the SILC Project. This analysis shall be done for each each major project work breakdown structure (WBS) element, and associated tasks (performed at NUWCDIVNPT, contractors or other government team members locations), performed during Phase II of the SILC Project. The contractor shall provide these EVMIS reports on a monthly basis, and shall identify cost and schedule variances, and related rationale, estimates to completion for each WBS element and major project task that is tracked.

4.4.1 DELIVERABLE PRODUCT. The Contractor shall provide EVMIS reports. Deliverable is due NLT 15 days after receipt of GFI in accordance with CDRL A004.

Standard: The financial reports are complete and accurate. Any analysis done is technically accurate. Updates are done IAW CDRL A004.

4.5 TASK E. The Contractor shall update and maintain a document managing tracking system for the SILC and EI Projects to track the status of project documents (provided as GFI) as required for ISO 9001:2000 compliance and certification. Examples of documents that will require tracking and updating: Broad Agency Announcements (BAAs), NUWC Contract and Requisition Documents, EI mailing lists, EI working group member lists, statements of work (SOW), and contractor and project reports. This system shall also be in compliance with the department's ISO 9001:2000 certification, CMM goals and NMCI requirements (provided as GFI).

4.5.1 DELIVERABLE PRODUCT. The Contractor shall develop and provide an SILC documentation tracking system reports. Deliverable is due NLT 20 days after receipt of GFI in accordance with CDRL A005.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews. Deliveries are done IAW CDRL A005.

4.5.2 DELIVERABLE PRODUCT. The Contractor shall develop and provide an EI documentation tracking system

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reports. Deliverable is due NLT 20 days after receipt of GFI in accordance with CDRL A005.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews. Deliveries are done IAW CDRL A005.

4.6 TASK F. The Contractor shall attend SILC Project reviews, CTEIP Mid-year briefings, and other SILC project-related meetings, and provide minutes, for review and approval by NUWCDIVNPT. The Contractor shall attend EI Project reviews, EI mid-year and end-of-year briefings, and project-related meetings, and provide minutes, for review and approval by NUWCDIVNPT. Additionally, when required the Contractor shall provide meeting planning, organization and coordination support for project-related meetings.

4.6.1 DELIVERABLE PRODUCT. The Contractor shall provide SILC meeting minutes. Deliverable is due NLT 5 days after each event in accordance with CDRL A006.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews. Narrative presentations are clear, concise and accurate. Documents conform to the requirements in the NUWC Division Newport Administrative Publication 11,244 of 15 June 2001 – Publications and Presentation Guide and IAW CDRL A006.

4.6.2 DELIVERABLE PRODUCT. The Contractor shall provide EI meeting minutes. Deliverable is due NLT 5 days after each event in accordance with CDRL A006.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews. Narrative presentations are clear, consise and accurate. Documents conform to the requirements in the NUWC Division Newport Administrative Publication 11,244 of 15 June 2001 – Publications and Presentation Guide and IAW CDRL A006.

4.7 TASK G. The Contractor shall collect project technical and financial data from all SILC and EI project participants (provided as GFI) and compile sponsor monthly progress reports, for review and approval by NUWC; SILC reports shall be in accordance with CTEIP Planning and Execution Guide (provided as GFI). These reports shall summarize the technical progress of all participating DoD activities and provide total expenditures to date.

4.7.1 DELIVERABLE PRODUCT. The Contractor shall provide SILC sponsor progress reports. Deliverable is due monthly in accordance with CDRL A007.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews. Documents conform to the requirements in the CTEIP Planning and Execution Guide and IAW CDRL A002.

4.7.2 DELIVERABLE PRODUCT. The Contractor shall provide EI sponsor progress reports. Deliverable is due monthly in accordance with CDRL A007.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews and IAW CDRL A002.

4.8 TASK H. For the SILC project the Contractor shall update and maintain a Technical Program Manager Notebook with material including the SILC Project Calendar and the SILC JIM Action Item List resident on the NUWCDIVNPT Intranet. The calendar shall include all major SILC Project Phase II events. The Action Item List will identify key tasks, responsible personnel, target completion dates, and current status.

For the EI project the Contractor shall update and maintain a Technical Program Manager Notebook with material including the EI Project Calendar, the EI Action Item List, project schedules, most recent program briefs, SoW and contract financial documents. Calendar inputs shall be uploaded to the S&T/T&E master calendar. The calendar shall include all major EI Project events. The Action Item List will identify key tasks, responsible personnel, target completion dates, and current status.

4.8.1 DELIVERABLE PRODUCT. For SILC the Contractor shall provide sponsor project management calendars and action item lists on a monthly basis. Calendars and Action Items will be available on the NUWCDIVNPT Intranet to enable realtime project information to DoD and contractor SILC program offices. Deliverable is due monthly in accordance with CDRL A008.

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Standard: Documents are complete and relatively free of errors requiring corrections after government reviews.
Documents are delivered IAW CDRL A008.

4.8.2 DELIVERABLE PRODUCT. For EI the Contractor shall provide sponsor project management calendars and action item lists on a monthly basis. Calendars and Action Items will be available on a web-based system to enable realtime project information to DoD and contractor EI program offices. Deliverable is due monthly in accordance with CDRL A008.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews.
Documents are delivered IAW CDRL A008.

4.9 TASK I

SILC Program Software Development: The Contractor shall code, unit test, and maintain the approved software design in accordance with MIL-STD-498 for the following software packages/applications:

In-Water Tracking (IWT) Display and Control

The applications requirements that the contractor shall meet are as follows:

- Conduct lab testing of existing IWT software and integration testing with the new Display and Control applications.
- Design and implement a Graphical User Interface for the IWT components
- The Contractor shall incorporate any Government-approved changes (GFI) that result from system verification and validation testing.

Angle Of Incidence (AOI) Display and Control

The applications requirements that the contractor shall meet are as follows:

- Conduct lab testing of AOI software and integration testing with the new Display and Control applications.
- Design and implement a Graphical User Interface for the AOI components
- The Contractor shall incorporate any Government-approved changes (GFI) that result from system verification and validation testing.

In-Water Acoustic Subsystem Display and Control

The applications requirements that the contractor shall meet are as follows:

- Conduct lab testing of Acoustic subsystem software and integration testing with the new Display and Control applications.
- Design and implement a Graphical User Interface for the Acoustic subsystem components
- The Contractor shall incorporate any Government-approved changes (GFI) that result from system verification and validation testing.

In performing the above three tasks, the contractor shall utilize:

- Object Oriented design
- The Code 70 Configuration Management Process by utilizing the Concurrent Versioning System (CVS) for checking in developed code into a central repository (GFI and training will be provided).
- Follow the documented Code 70 Coding standards (GFI)

For planning and estimating purposes for the above tasking, the Contractor shall plan on a total of one man-year of support scheduled IAW the SILC Development Plan (GFI) and dependent on the receipt of interface requirements

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(TBD/GFI) from the contractor presently developing the SILC hardware systems.

4.9.1 DELIVERABLE PRODUCT.

The Contractor shall deliver a Systems Product Specification containing the ADPE applications software source code in accordance with CDRL A009.

Standard: Documents/System Product Specifications will be complete and relatively free of errors. All source code must be complete and well documented. Documents are delivered in accordance with CDRL A009.

4.10 TASK J

SILC Program Software Test Verification and Validation: The Contractor shall conduct integration tests to evaluate Contractor-developed SILC software and witness Government-conducted tests to verify Contractor-developed software compatibility with the interface requirements as described in the Software Requirements Specification (SRS) (provided as GFI.) The Contractor shall execute and monitor all Contractor-developed software during the Government-run validation tests. The Contractor shall plan for the conduct of two integration tests of the Contractor-developed SILC software and one Government-conducted verification test. All integration tests shall be conducted at NUWCDIVNPT. The Contractor shall support Government-managed Software Installations and both Local and On-Site Acceptance Tests, as required by the test schedule (TBD / GFI).

4.10.1 DELIVERABLE PRODUCT

The Contractor shall deliver the results of the testing activities in a Software Test Report in accordance with CDRL A010.

Standard: Documents/Software Test Reports are complete and relatively free of errors requiring corrections after government reviews. Documents are delivered IAW CRDL A010.

4.11 TASK K

SILC Program Participate in Program and Design Reviews: The Contractor shall participate in scheduled weekly program and design reviews in order to provide information and updates on the status of all software, algorithm and software/code documentation development. These reviews shall take place at NUWCDIVNPT and shall not exceed two hours in length. The contractor may be required as a result of discussions during the reviews to submit information for inclusion or as an attachment to the minutes.

4.11.1 DELIVERABLE PRODUCT

The Contractor shall deliver inputs to the Conference Minutes in accordance with CDRL A011.

Standard: Submissions for the minutes are complete and relatively free of errors requiring corrections prior to inclusion into the minutes.. Submissions are delivered IAW CRDL A011.

4.12 TASK L

SILC Program Hydro-Acoustic Positioning / Algorithm Development Requirements: The Contractor shall provide algorithm development support for the acoustic positioning of ocean surface impacts from various weapon systems. Algorithm(s) developed shall support the localization of single- or multiple-event (salvo) impacts.

Algorithm development tasks shall include upgrading to splash algorithms due to changing requirements (accuracy requirements, support for new weapon systems, new Digital Signal Processing detection algorithms, etc.).

4.12.1 DELIVERABLE PRODUCT

The Contractor shall deliver a Technical Report containing the Contractor-developed algorithm and supporting documentation in accordance with CDRL A012.

Standard (Contractor Format): Documentation and all source code must be complete and well documented. Documents are delivered in accordance with CDRL A012.

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4.13 TASK M

SILC Program Tracking & Detection Software Development: The Contractor in shall code, unit test, and maintain the approved SILC software design in accordance with MIL-STD-498. The Contractor shall incorporate any Government-approved changes that result from system verification and validation testing (GFI).

Specific software development tasks may include :

- Implement the “Residual Analysis” splash localization algorithm
- Design, develop, and test Splash location components (data selection/filtering, 2D/3D positioning models, solution refinement).
- Design, develop, and test Splash localization Graphical User Interface (Display and Control) software.
- Upgrading software due to changing requirements (accuracy requirements, support for new weapon systems, support for new Digital Signal Processing detection algorithms, etc.).

The Contractor shall utilize the following programming languages in the development of SILC in-water localization software modules as appropriate:

- Object Oriented Design and Development Processes;
- Java, BeanShell, C/C++

In addition, the Contractor shall perform Graphical User Interface design, development, and testing of software modules with the following programming language:

- Java

The Contractor will be required to utilize the following NUWCDIVNPT controlled resources (GFI and training will be provided):

- Code 70 Software Configuration Management Process, (CVS) and Defect-Tracking Utilities

For planning purposes the Contractor shall plan a total of a half man-year of support scheduled IAW the SILC Development Plan (GFI) and dependent on the receipt of interface requirements (TBD / GFI) from the contractor presently developing the SILC hardware systems.

4.13.1 DELIVERABLE PRODUCT

The Contractor shall deliver a Systems Product Specification containing any Contractor-developed applications software source code and its documentation in accordance with CDRL A013.

Standard: Documents/System Product Specifications will be complete and relatively free of errors. All source code must be complete and well documented. Documents are delivered in accordance with CDRL A013.

4.14 TASK N

SILC Program Hydrophone Acoustic Survey Support Requirements: The Contractor shall design, develop, and perform integration testing of acoustic survey for SILC undersea sensors (hydrophones). This support may include,

- Hydrophone survey algorithm and software design and review
- Survey software development, and integration testing
- Survey software local and on-site acceptance testing

For planning purposes the Contractor shall plan on a total of a half man-year of support for this task. Government will provide existing software (in C, MatLab, and/or Java) which the Contractor shall modify in order to meet the localization and survey accuracy requirements of the SILC program (GFI).

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4.14.1 DELIVERABLE PRODUCT

The Contractor shall deliver a Systems Product Specification containing any Contractor-developed applications software source code in accordance with CDRL A014.

Standard: Documents/System Product Specifications will be complete and relatively free of errors. All source code must be complete and well documented. Documents are delivered in accordance with CDRL A014.

4.15 TASK O

SILC Program: The Contractor shall plan and perform IAW the test schedule (GFI – estimate of two tests per year) acoustic hydrophone surveys, survey data processing and analysis, and compile and generate the hydrophone survey reports. For planning purposes this task will be required for both the shore bases and at-sea testing.

4.15.1 DELIVERABLE PRODUCT

The Contractor shall deliver an Acoustic Hydrophone Survey Plan for each scheduled test in accordance with CDRL A015. The Contractor shall deliver a Survey Report for each completed test in accordance with CDRL A016.

Standard: Draft documents are complete and relatively free of errors requiring corrections after government reviews. Final documents are complete, incorporate all corrections and revisions previously identified. Narrative presentations are clear, concise and accurate. Documents are delivered IAW CDRLs A015 and A016.

4.16 TASK P

SILC Program: The Contractor shall, utilizing provided performance specifications, and equipment / systems information and manuals, develop test plans for testing of the SILC systems in laboratory, shore based and at-sea testing venues. Tests shall be for individual or systems testing of the acoustic subsystem, angle of incidence subsystem, master controller, and operating system's software. For planning purposes, three laboratory tests, two shore based tests and one at-sea test (location TBD) shall be estimated. For planning purposes there will be three (3) laboratory tests, three (3) shore bases tests and two (2) at-sea tests.

4.16.1 DELIVERABLE PRODUCT

The contractor shall deliver, preliminary, draft and final versions of the required test plans in accordance with CDRL A017.

Standard: Draft and Final documents are complete and relatively free of errors requiring corrections after government reviews. Narrative presentations are clear, concise and accurate. Documents are delivered IAW CDRL A017.

4.17 TASK Q

SILC Program: The Contractor shall provide logistic, data acquisition and equipment handling support for the SILC system laboratory, shore based and at-sea tests. Laboratory tests will be conducted at NUWCDIVNPT. Shore based tests will be conducted at the Narragansett Range at NUWCDIVNPT and other locations TBD. At-sea testing will be conducted on a Department of Defense Range, location TBD. Requirements for the testing will be provided as GFI when developed. For planning purposes it is estimated that up to two personnel will be required to support laboratory tests and up to four personnel will be required to support shore and at-sea testing. The test director shall be a NUWCDIVNPT employee.

4.17.1 DELIVERABLE PRODUCT

The contractor shall deliver a test report detailing the support provided for a particular test in accordance with CDRL A018.

Standard: Reports are complete, relatively free of errors and delivered IAW CDRL A018.

4.18 TASK R

EI Program: The Contractor shall provide Subject Matter Experts (SMEs) to provide technical support and advice to the EI Technical Program Manager through the review of published research papers, R&D reports, and the

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development of suggested areas of focus for R&D data calls and funding efforts

The SMEs shall provide the support for the tasking listed above via attendance at conferences and meetings as designated by the EI PM (GFI). The SMEs will also be required to make on-site visits to entities performing R&D work for the EI Program, traveling with the PM or independently, to assess progress. The SMEs will, when assigned by the EI PM review technical reports (GFI) and submit their evaluations. The SMEs when required by the PM shall develop requirement recommendations regarding EI areas of interest, including development of draft specifications, which may be incorporated into NUWCDIVNPT Broad Agency Announcements (BAAs) or a Request For Proposal (RFP) Statement of Work.

4.18.1 DELIVERABLE PRODUCT

The Contractor shall deliver an attendance/trip report from each SME attending any function on behalf of the EI Technical Program Manager in accordance with CDRL A019. The Contractor shall deliver reports concerning reviews and recommendations done in support of the EI Technical Program Manager in accordance with CDRL A020.

Standard: Documents are complete and relatively free of errors. Narrative presentations are clear, concise and accurate. Documents are submitted in accordance with CDRLS A019 and A020.

5.0 REQUIREMENTS OPTION ONE.

5.1 TASK A. Utilizing rough presentation data (provided as GFI) and IAW NUWC-NPT Administrative Publication 11,255, the contractor shall develop data/graphics presentation material in the form of slides, handouts, posters, and multimedia presentations for use by SILC and EI project personnel for project briefings. Typical SILC project briefing materials include technical diagrams of live fire test scenarios, video clips, functional organizational charts, system concept drawings, pie charts, schedules, bar charts, technical illustrations, and text. Typical EI project briefing materials include technical EI project information, functional organizational charts, system concept drawings, pie charts, schedules, bar charts, technical illustrations, and text.

5.1.1 DELIVERABLE PRODUCT. The Contractor shall develop and provide SILC Project presentation materials. Deliverable is due NLT 5 days after receipt of GFI in accordance with CDRL A001.

Standard: Presentation materials conform to document requirements in the NUWC Division Newport Administrative Publication 11,244 of 15 June 2001 – Publications and Presentation Guide and IAW CDRL A001.

5.1.2 DELIVERABLE PRODUCT. The Contractor shall develop and provide EI Project presentation materials. Deliverable is due NLT 5 days after receipt of GFI in accordance with CDRL A001.

Standard: Presentation materials conform to document requirements in the NUWC Division Newport Administrative Publication 11,244 of 15 June 2001 – Publications and Presentation Guide and IAW CDRL A001.

5.2 TASK B. Utilizing SILC and EI Project management and technical data (provided as GFI), the contractor shall develop draft project management plans and technical reports IAW NUWC-NPT Administrative Publication 11,255. For SILC the plans/reports shall include the development, revision and/or update of the Test Capability Requirements Document (TCRD), SILC technical manuals, SILC Project management documents, and reports on findings of specific project research and development efforts. For EI the plans/reports shall include the development, review, revision and/or update of EI technical manuals, EI Project management documents, and reports on findings of specific project research and development efforts. In some cases, these reports may be required to be provided in electronic format (MS Word) or in Adobe Acrobat pdf format on a Compact Disk (CD).

5.2.1 DELIVERABLE PRODUCT. The Contractor shall develop draft SILC Project management and technical documents. Deliverable is due 45 days after receipt of GFI in accordance with CDRL A002.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews. Narrative presentations are clear and concise. Any Analysis done is technically accurate. Documents conform to the requirements in the NUWC Division Newport Administrative Publication 11,244 of 15 June 2001 – Publications and Presentation Guide and IAW CDRL A002.

5.2.2 DELIVERABLE PRODUCT. The Contractor shall develop draft EI Project management and technical

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documents. Deliverable is due 45 days after receipt of GFI in accordance with CDRL A002.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews. Narrative presentations are clear and concise. Any Analysis done is technically accurate. Documents conform to the requirements in the NUWC Division Newport Administrative Publication 11,244 of 15 June 2001 – Publications and Presentation Guide and IAW CDRL A002.

5.3 TASK C

In accordance with SILC financial tracking system requirements and utilizing SILC Project financial data (provided as GFI) and NUWC DIFMS and EBIS reports, the contractor shall update and maintain the SILC financial tracking system. The contractor shall develop monthly project financial reports of planned vs. actual expenditures. In addition, technical support shall be provided for the development of SILC budgets and funding usage projections shall be required. This support shall include analysis of budget projections, task deconfliction, and assessment of resource utilization.

5.3.1.1 DELIVERABLE PRODUCT. The Contractor shall provide SILC monthly financial reports. Deliverable is due NLT 10 days after reporting period in accordance with CDRL A003

Standard: The financial reports are complete and accurate. Any analysis done is technically accurate. Updates are done IAW CDRL A003.

5.3.2 In accordance with EI financial tracking system requirements and utilizing EI Project financial data (provided as GFI from the TestWeb system) and NUWC DIFMS, EBIS reports and reports from performing contractors, the Contractor shall update and maintain the EI financial tracking system. The contractor shall develop monthly EI project financial reports of planned vs. actual expenditures. In addition, technical support shall be provided for the development of EI budgets and funding usage projections shall be required. This support shall include analysis of budget projections, task deconfliction, and assessment of resource utilization.

5.3.2.1 DELIVERABLE PRODUCT. The Contractor shall provide EI monthly financial reports. Deliverable is due NLT 10 days after reporting period in accordance with CDRL A003.

Standard: The financial reports are complete and accurate. Any analysis done is technically accurate. Updates are done IAW CDRL A003.

5.4 TASK D. The Contractor shall, based upon project schedule, resource, and financial data (provided as GFI), develop and maintain a Earned Value Management Information System (EVMIS) that provides cost and schedule tracking analysis for the SILC Project. This analysis shall be done for each each major project work breakdown structure (WBS) element, and associated tasks (performed at NUWC DIVNPT, contractors or other government team members locations), performed during Phase II of the SILC Project. The contractor shall provide these EVMIS reports on a monthly basis, and shall identify cost and schedule variances, and related rationale, estimates to completion for each WBS element and major project task that is tracked.

5.4.1 DELIVERABLE PRODUCT. The Contractor shall provide EVMIS reports. Deliverable is due NLT 15 days after receipt of GFI in accordance with CDRL A004.

Standard: The financial reports are complete and accurate. Any analysis done is technically accurate. Updates are done IAW CDRL A004.

5.5 TASK E. The Contractor shall update and maintain a document managing tracking system for the SILC and EI Projects to track the status of SILC Project documents (provided as GFI) as required for ISO 9001:2000 compliance and certification. Examples of documents that will require tracking and updating: Broad Agency Announcements (BAAs), NUWC Contract and Requisition Documents, EI mailing lists, EI working group member lists, statements of work (SOW), and contractor and project reports. This system shall also be in compliance with the department's ISO 9001:2000 certification, CMM goals and NMCI requirements (provided as GFI).

5.5.1 DELIVERABLE PRODUCT. The Contractor shall develop and provide an SILC documentation tracking system reports. Deliverable is due NLT 20 days after receipt of GFI in accordance with CDRL A005.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews.

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Deliveries are done IAW CDRL A005.

5.5.2 DELIVERABLE PRODUCT. The Contractor shall develop and provide an EI documentation tracking system reports. Deliverable is due NLT 20 days after receipt of GFI in accordance with CDRL A005.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews. Deliveries are done IAW CDRL A005.

5.6 TASK F. The Contractor shall attend SILC Project reviews, CTEIP Mid-year briefings, and other SILC project-related meetings, and provide minutes, for review and approval by NUWCDIVNPT. The Contractor shall attend EI Project reviews, EI mid-year and end-of-year briefings, and project-related meetings, and provide minutes, for review and approval by NUWCDIVNPT. Additionally, when required the Contractor shall provide meeting planning, organization and coordination support for project-related meetings.

5.6.1 DELIVERABLE PRODUCT. The Contractor shall provide SILC meeting minutes. Deliverable is due NLT 5 days after each event in accordance with CDRL A006.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews. Narrative presentations are clear, concise and accurate. Documents conform to the requirements in the NUWC Division Newport Administrative Publication 11,244 of 15 June 2001 – Publications and Presentation Guide and IAW CDRL A006.

5.6.2 DELIVERABLE PRODUCT. The Contractor shall provide EI meeting minutes. Deliverable is due NLT 5 days after each event in accordance with CDRL A006.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews. Narrative presentations are clear, concise and accurate. Documents conform to the requirements in the NUWC Division Newport Administrative Publication 11,244 of 15 June 2001 – Publications and Presentation Guide and IAW CDRL A006.

5.7 TASK G. The Contractor shall collect project technical and financial data from all SILC and EI project participants (provided as GFI) and compile sponsor monthly progress reports, for review and approval by NUWC; SILC reports shall be in accordance with CTEIP Planning and Execution Guide (provided as GFI). These reports shall summarize the technical progress of all participating DoD activities and provide total expenditures to date.

5.7.1 DELIVERABLE PRODUCT. The Contractor shall provide SILC sponsor progress reports. Deliverable is due monthly in accordance with CDRL A007.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews. Documents conform to the requirements in the CTEIP Planning and Execution Guide and IAW CDRL A007.

5.7.2 DELIVERABLE PRODUCT. The Contractor shall provide EI sponsor progress reports. Deliverable is due monthly in accordance with CDRL A007.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews and IAW CDRL A002.

5.8 TASK H. For the SILC Project the Contractor shall update and maintain a Technical Program Manager Notebook with material including the SILC Project Calendar and the SILC JIM Action Item List resident on the NUWCDIVNPT Intranet. The calendar shall include all major SILC Project Phase II events. The Action Item List will identify key tasks, responsible personnel, target completion dates, and current status.

For the EI project the Contractor shall update and maintain a Technical Program Manager Notebook with material including the EI Project Calendar, the EI Action Item List, project schedules, most recent program briefs, SoW and contract financial documents. Calendar inputs shall be uploaded to the S&T/T&E master calendar. The calendar shall include all major EI Project events. The Action Item List will identify key tasks, responsible personnel, target completion dates, and current status.

5.8.1 DELIVERABLE PRODUCT. For the SILC Project the Contractor shall provide sponsor project management calendars and action item lists on a monthly basis. Calendars and Action Items will be available on the

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NUWCDIVNPT Intranet to enable realtime project information to DoD and contractor SILC program offices. Deliverable is due monthly in accordance with CDRL A008.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews. Documents are delivered IAW CDRL A008.

5.8.2 DELIVERABLE PRODUCT. For EI the Contractor shall provide sponsor project management calendars and action item lists on a monthly basis. Calendars and Action Items will be available on a web-based system to enable realtime project information to DoD and contractor EI program offices. Deliverable is due monthly in accordance with CDRL A008.

Standard: Documents are complete and relatively free of errors requiring corrections after government reviews. Documents are delivered IAW CDRL A008.

5.9 TASK I

SILC Program Software Development: The Contractor shall code, unit test, and maintain the approved software design in accordance with MIL-STD-498 for the following software packages/applications:

In-Water Tracking (IWT) and Data Server

The software/application requirements that the contractor shall meet are as follows:

- Support lab testing of existing IWT software and integration testing with the Display and Control applications.
- Design and implement IWT control management capabilities
- Complete the design and implementation of Graphical User Interface for the IWT components
- Provide Site Acceptance Testing (SAT) of IWT Control applications
- Provide software and training support acceptance testing processes
- The Contractor shall incorporate any Government-approved changes (GFI) that result from system verification and validation testing.

Angle Of Incidence (AOI) Display and Control

The applications requirements that the contractor shall meet are as follows:

- Support lab testing of existing AOI software and integration testing with the Display and Control applications.
- Design and implement AOI control management capabilities
- Complete design and implementation of Graphical User Interface for the AOI components
- Provide Site Acceptance Testing (SAT) of AOI Control applications
- Provide software and training support acceptance testing process
- The Contractor shall incorporate any Government-approved changes (GFI) that result from system verification and validation testing.

In-Water Acoustic Subsystem Display and Control

The applications requirements that the contractor shall meet are as follows:

- Support lab testing of existing Acoustic Subsystem software and integration testing with the Display and Control applications.
- Design and implement In-Water Acoustic Subsystem control management capabilities

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- Complete design and implementation of Graphical User Interface for the Acoustic subsystem components
- Provide Site Acceptance Testing (SAT) of In-Water Acoustic subsystem Control applications
- Provide software and training support acceptance testing process
- The Contractor shall incorporate any Government-approved changes (GFI) that result from system verification and validation testing.

In performing the above three software tasks, the contractor shall utilize:

- Object Oriented design methods and processes
- The Code 70 Configuration Management Process by utilizing the Concurrent Versioning System (CVS) for checking in developed code into a central repository (GFI and training will be provided)..
- Follow the documented Code 70 Coding standards (GFI)

For planning and estimating purposes for the above tasking, the Contractor shall plan on a total of one man-year of support scheduled IAW the SILC Development Plan (GFI) and dependent on the receipt of interface requirements (TBD/GFI) from the contractor presently developing the SILC hardware systems.

5.9.1 DELIVERABLE PRODUCT.

The Contractor shall deliver a Systems Product Specification containing the ADPE applications software source code in accordance with CDRL A009.

Standard: Documents/System Product Specifications will be complete and relatively free of errors. All source code must be complete and well documented. Documents are delivered in accordance with CDRL A009.

5.10 TASK J

SILC Program Software Test Verification and Validation: The Contractor shall conduct integration tests to evaluate Contractor-developed SILC software and witness Government-conducted tests to verify Contractor-developed software compatibility with the interface requirements as described in the Software Requirements Specification (SRS) (provided as GFI.) The Contractor shall execute and monitor all Contractor-developed software during the Government-run validation tests. The Contractor shall plan for the conduct of two integration tests of the Contractor-developed SILC software and one Government-conducted verification test. All integration tests shall be conducted at NUWCDIVNPT. The Contractor shall support Government-managed Software Installations and both Local and On-Site Acceptance Tests, as required by the test schedule (TBD / GFI).

5.10.1 DELIVERABLE PRODUCT

The Contractor shall deliver the results of the testing activities in a Software Test Report in accordance with CDRL B010.[Is the contractor going to deliver test plans?]

Standard: Documents/Software Test Reports are complete and relatively free of errors requiring corrections after government reviews. Documents are delivered IAW CRDL B010.

5.11 TASK K

SILC Program Participate in Program and Design Reviews: The Contractor shall participate in scheduled weekly program and design reviews in order to provide information and updates on the status of all software, algorithm and software/code documentation development. These reviews shall take place at NUWCDIVNPT and shall not exceed two hours in length. The contractor may be required as a result of discussions during the reviews to submit information for inclusion or as an attachment to the minutes.

5.11.1 DELIVERABLE PRODUCT

The Contractor shall deliver inputs to the Conference Minutes in accordance with CDRL B011.

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Standard: Submissions for the minutes are complete and relatively free of errors requiring corrections prior to inclusion into the minutes.. Submissions are delivered IAW CRDL B011.

5.12 TASK L

SILC Program Hydro-Acoustic Positioning / Algorithm Development Requirements: The Contractor shall provide algorithm development support for the acoustic positioning of ocean surface impacts from various weapon systems. Algorithm(s) developed shall support the localization of single- or multiple-event (salvo) impacts.

Algorithm development tasks shall include upgrading to splash algorithms due to changing requirements (accuracy requirements, support for new weapon systems, new Digital Signal Processing detection algorithms, etc.).

5.12.1 DELIVERABLE PRODUCT

The Contractor shall deliver a Technical Report containing the Contractor-developed algorithm and supporting documentation in accordance with CDRL A012.

Standard: Documentation and all source code must be complete and well documented. Documents are delivered in accordance with CDRL A012.

5.13 TASK M

SILC Program Tracking & Detection Software Development: The Contractor in shall code, unit test, and maintain the approved SILC software design in accordance with MIL-STD-498. The Contractor shall incorporate any Government-approved changes that result from system verification and validation testing (GFI).

Specific software development tasks may include,

- Implement the “Residual Analysis” splash localization algorithm
- Design, develop, and test Splash location components (data selection/filtering, 2D/3D positioning models, solution refinement).
- Design, develop, and test Splash localization Graphical User Interface (Display and Control) software.
- Upgrading software due to changing requirements (accuracy requirements, support for new weapon systems, support for new Digital Signal Processing detection algorithms, etc.).

The Contractor shall utilize the following programming languages in the development of SILC in-water localization software modules as appropriate:

-Object Oriented Design and Development Processes;

-Java, BeanShell, C/C++

In addition, the Contractor shall perform Graphical User Interface design, development, and testing of software modules with the following programming language:

-Java

The Contractor will be required to utilize the following NUWCDIVNPT controlled resources (GFI and training will be provided):

-Code 70 Software Configuration Management Process, (CVS) and Defect-Tracking Utilities

For planning purposes the Contractor shall plan a total of a half man-year of support scheduled IAW the SILC Development Plan (GFI) and dependent on the receipt of interface requirements (TBD / GFI) from the contractor presently developing the SILC hardware systems.

5.13.1 DELIVERABLE PRODUCT

The Contractor shall deliver a Systems Product Specification containing any Contractor-developed applications

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software source code and its documentation in accordance with CDRL A013.

Standard: Documents/System Product Specifications will be complete and relatively free of errors. All source code must be complete and well documented. Documents are delivered in accordance with CDRL A013.

5.14 TASK N

SILC Program Hydrophone Acoustic Survey Support Requirements: The Contractor shall design, develop, and perform integration testing of acoustic survey for SILC undersea sensors (hydrophones). This support may include,

- Hydrophone survey algorithm and software design and review

- Survey software development, and integration testing

- Survey software local and on-site acceptance testing

For planning purposes the Contractor shall plan on a total of a half man-year of support for this task. Government will provide existing software (in C, MatLab, and/or Java) which the Contractor shall modify in order to meet the localization and survey accuracy requirements of the SILC program (GFI).

5.14.1 DELIVERABLE PRODUCT

The Contractor shall deliver a Systems Product Specification containing any Contractor-developed applications software source code in accordance with CDRL A014.

Standard: Documents/System Product Specifications will be complete and relatively free of errors. All source code must be complete and well documented. Documents are delivered in accordance with CDRL A014.

5.15 TASK O

SILC Program: The Contractor shall plan and perform IAW the test schedule (GFI – estimate of two tests per year) acoustic hydrophone surveys, survey data processing and analysis, and compile and generate the hydrophone survey reports. For planning purposes this task will be required for both the shore bases and at-sea testing.

5.15.1 DELIVERABLE PRODUCT

The Contractor shall deliver an Acoustic Hydrophone Survey Plan for each scheduled test in accordance with CDRL A015. The Contractor shall deliver a Survey Report for each completed test in accordance with CDRL A016.

Standard: Draft documents are complete and relatively free of errors requiring corrections after government reviews. Final documents are complete, incorporate all corrections and revisions previously identified. Narrative presentations are clear, concise and accurate. Documents are delivered IAW CDRLs A015 and A016.

5.16 TASK P

SILC Program: The contractor shall, utilizing provided performance specifications, and equipment / systems information and manuals, develop test plans for testing of the SILC systems in laboratory, shore based and at-sea testing venues. Tests shall be for individual or systems testing of the acoustic subsystem, angle of incidence subsystem, master controller, and operating system's software. For planning purposes, three laboratory tests, two shore based tests and one at-sea test (location TBD) shall be estimated. For planning purposes there will be four (4) laboratory tests, two (2) shore bases tests and three (3) at-sea tests.

5.16.1 DELIVERABLE PRODUCT

The contractor shall deliver, preliminary, draft and final versions of the required test plans in accordance with CDRL A017.

Standard: Draft and Final documents are complete and relatively free of errors requiring corrections after government reviews. Narrative presentations are clear, concise and accurate. Documents are delivered IAW CDRL A017.

5.17 TASK Q

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SILC Program: The contractor shall provide logistic, data acquisition and equipment handling support for the SILC system laboratory, shore based and at-sea tests. Laboratory tests will be conducted at NUWCDIVNPT. Shore based tests will be conducted at the Narragansett Range at NUWCDIVNPT and other locations TBD. At-sea testing will be conducted on a Department of Defense Range, location TBD. Requirements for the testing will be provided as GFI when developed. For planning purposes it is estimated that up to two personnel will be required to support laboratory tests and up to four personnel will be required to support shore and at-sea testing. The test director shall be a NUWCDIV employee.

5.17.1 DELIVERABLE PRODUCT

The contractor shall deliver a test report detailing the support provided for a particular test in accordance with CDRL A018.

Standard: Reports are complete, relatively free of errors and delivered IAW CDRL A018.

5.18 TASK R

EI Program: The Contractor shall provide Subject Matter Experts (SMEs) to provide technical support and advise to the EI Technical Program Manager through the review of published research papers, R&D reports, and the development of suggested areas of focus for R&D data calls and funding efforts

The SMEs shall provide the support for the tasking listed above via attendance at conferences and meetings as designated by the EI PM (GFI). The SMEs will also be required to make on-site visits to entities performing R&D work for the EI Program, traveling with the PM or independently, to assess progress. The SMEs will, when assigned by the EI PM review technical reports (GFI) and submit their recommendations / evaluations. The SMEs when required by the PM shall develop requirement recommendations regarding EI areas of interest, including development of draft specifications, which may be incorporated into NUWCDIVNPT Broad Agency Announcements (BAAs) or a Request For Proposal (RFP) Statement of Work.

5.18.1 DELIVERABLE PRODUCT

The Contractor shall deliver an attendance/trip report from each SME attending any function on behalf of the EI Technical Program Manager in accordance with CDRL A019. The Contractor shall deliver reports concerning reviews, recommendations or evaluations done in support of the EI Technical Program Manager in accordance with CDRL A020.

Standard: Documents are complete and relatively free of errors. Narrative presentations are clear, concise and accurate. Documents are submitted in accordance with CDRLS A019 and A020.

6.0 PROGRESS REPORTS. The contractor shall deliver monthly cost and performance reports in accordance with the basic contract Clause HC16S Cost and Performance reporting (May 2001).

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 specific performance standards as listed in the applicable documents provided as GFI and in the task paragraphs of this SOW. Responsiveness will be evaluated based upon the government 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.

SOW – ADDITIONAL INFORMATION

8.0 GOVERNMENT FURNISHED INFORMATION.

- Rough presentation data
- SILC Project management and technical data

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- SILC financial tracking requirements
- SILC Project financial data
- SILC Project schedule, resource, and financial data
- SILC documents
- CTEIP Planning and Execution Guide
- EI Project management and technical data
- EI financial tracking requirements
- EI Project financial data
- EI Project schedule, resource, and financial data
- EI documents
- NMCI requirements
- Embedded Instrumentation Working Group (EIWG) Charter
- Test Technology Area Plan (TTAP)

GFI will be provided upon award of task order and as it becomes available. GFI shall be returned to the Government at the end of the period of performance.

9.0 GOVERNMENT FURNISHED PROPERTY (GFP)

See attached GFP list.

10.0 SECURITY CLASSIFICATION.

The classification of the work to be performed under this Task Order is SECRET.

11.0 PLACE OF PERFORMANCE.

The subject tasks of this Task Order shall be performed both at the Contractor's local offices and at office space provided by the government. For those employees who work out of the contractor's local office, access to NUWCDIVNPT will be required for the purpose of gathering and delivering data directly related to the SOW.

12.0 TRAVEL.

Travel shall be required to CONUS sites. Estimated ANNUAL travel between Newport, RI and

Washington, D.C., area – 1 person, 4 trips, 2 days each

Eglin AFB – 1 person, 2 trips, 2 days each

Pt. Mugu, CA – 1 person, 1 trip, 3 days

Keyport, WA – 1 person, 2 trips, 4 days each

Fullerton, CA- 1 person, 1 trip, 4 days each

Test Support Travel:

One of the Shore Tests per year will be at TBD location, 4 people, 7 days

Each at-sea test at a TBD location, 4 people, 14 days

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Additional travel to TBD R&D Contractor's (Government, University or Corporation) work sites in support of the EI Program will be required.

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 591 .

(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. 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.

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(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 NUWCDIVNPT 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.

C23S FACILITIES (SEP 2004)

(a) The Contractor shall provide liaison office(s) within commuting distance (by surface transportation) of the Naval Undersea Warfare Center Division, Newport. The liaison office(s) shall meet all security requirements and provide controlled access work areas as specified in the DD Form 254 (if attached).

(b) The requirement for maintaining these facilities shall not be construed to mean that the Government will be obliged to pay any direct costs in connection therewith and further, the contractor shall not be entitled to any direct payment (labor, transportation or otherwise) in connection with any personnel set in readiness at, or brought to such facility in preparation for, or in expectation of, work to be performed under the contract. Payment for labor hours and materials will be made only for such hours and materials actually expended in performance under the contract. This paragraph applies also to any additional facilities which may be necessary during contract performance.

C25S ACCESS TO GOVERNMENT SITE (APR 2008)

(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 date of interruption. Contractor personnel shall wear personal

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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 at:

<http://www.nuwc.navy.mil/npt/Visit/visit.htm>

(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.nuwc.navy.mil/npt/Visit/visit.htm>

(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.nuwc.navy.mil/npt/Visit/visit.htm>

(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.

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

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.

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SECTION D PACKAGING AND MARKING

D11S PRESERVATION, PACKAGING, PACKING AND MARKING (JUN 2004)

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)

MARK FOR: George Shoemaker Code 70T00, Telephone No. (401) 832-5304.

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

E14S INSPECTION AND ACCEPTANCE OF SERVICES (AUG 2005)

The Contractor shall perform inspection and acceptance in accordance with the basic contract.

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SECTION F DELIVERABLES OR PERFORMANCE

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

1100	7/12/2007 - 7/11/2008
1101	7/12/2008 - 9/30/2009
3100	7/12/2007 - 7/11/2008
3101	7/12/2008 - 9/30/2009

F1S PERIOD OF PERFORMANCE (MAY 2006)

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

CLIN	PERIOD OF PERFORMANCE
BASE / 1100 & 3100	07/12/07 - 07/11/08
OPT 1 / 1101 & 3101	07/12/08 - 09/30/09

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 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 Contractor's facility or other locations, as required by the statement of work.

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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) (NOV 2008)

(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:

Cost Voucher (Cost Reimbursable, T&M , LH, or FPI)<i>Contractors MUST attach a completed SF-1035 in WAWF</i>	
Applies to all CLINs/SLINS:	
Issue DODAAC	N66604

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Admin DODAAC	S3309A
Pay Office DODAAC	HQ0337
DCAA Auditor	HAA331
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:
john.hartweinsanchez@navy.mil

(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 NUWC DIVNPT 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

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(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.

(c) The Task Order Ordering Officer is:

Name: Elizabeth A. Alexander

Telephone: Commercial: 401-832-3230; DSN: 432-3230

Fax: Commercial: 401-832-4820; DSN: 432-4820

Email: alexanderea@npt.nuwc.navy.mil

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).

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(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)

Contractors: Fill-in the information required below and submit it as an attachment to your proposal. The contractor's senior technical representative, point of contact for performance under this task order is:

Name: [REDACTED]

Title: [REDACTED]

Mailing Address: 1272 West Main Road, Middletown, RI 02842

E-mail Address: [REDACTED]

Telephone: [REDACTED]

FAX: (401) 849-0121

G17S TOM APPOINTMENT (AUG 2005)

(a) The Task Order Ordering Officer hereby appoints the following individual as the Task Order Manager (TOM) for this task order:

Name: Jack Hartwein-Sanchez

Code: 71

Mailing Address:

Naval Undersea Warfare Center Division, Newport, 1176 Howell Street, Building: Room: , Newport, RI 02841

Telephone: Commercial(401)-832-5024

DSN 432-5024

(b) The TOM is responsible for those specific functions assigned in the Task Order Administration Plan, attached.

(c) Only the Task Order Ordering Officer has the authority to modify the terms of the task order. 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 Task Order Ordering Office in writing. No action shall be taken by the contractor unless the Task Order Ordering Officer, or basic contract PCO has issued a formal modification.

Accounting Data

SLINID	PR Number	Amount
110001	N66604-7184-5375	[REDACTED]
LLA :		
A1 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00G716017 INCREASE \$60,000.00		
110002	N66604-7184-5376	[REDACTED]
LLA :		
A2 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716057 INCREASE \$100,000.00		

BASE Funding [REDACTED]

Cumulative Funding [REDACTED]

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MOD 01

310001 N66604-7199-0499 [REDACTED]
LLA :
A2 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716057 INCREASE \$10,000.00
Standard Number: 0107996

310002 N66604-7199-0526 [REDACTED]
LLA :
A1 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00G716017 INCREASE \$3,000.00
Standard Number: 0107996

MOD 01 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 03

110003 N66604-7276-4362 [REDACTED]
LLA :
A3 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00X716018
Standard Number: 0107996

310003 N66604-7276-4363 [REDACTED]
LLA :
A3 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00X716018
Standard Number: 0107996

310004 N66604-7278-4694 [REDACTED]
LLA :
A4 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00Y716058
Standard Number: 0107996

MOD 03 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 04

110004 N66604-7339-2611 [REDACTED]
LLA :
A3 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00X716018
Standard Number: 0107996

310005 N66604-7339-2614 [REDACTED]
LLA :
A3 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00X716018
Standard Number: 0107996

MOD 04 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 05

110005 N66604-8022-8084 [REDACTED]
LLA :
A5 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716058
Standard Number: 0107996

310006 N66604-8022-8080 [REDACTED]
LLA :
A5 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716058
Standard Number: 0107996

MOD 05 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 06

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110006 N66604-8078-6656 [REDACTED]
 LLA :
 A6 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00G716018
 Standard Number: 0107996

310007 N66604-8078-6662 [REDACTED]
 LLA :
 A6 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00G716018
 Standard Number: 0107996

MOD 06 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 07

110007 N66604-8095-9347 [REDACTED]
 LLA :
 A5 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716058
 Standard Number: 0107996

310008 N66604-8095-9348 [REDACTED]
 LLA :
 A5 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716058
 Standard Number: 0107996

MOD 07 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 08

110008 N66604-8127-4727 [REDACTED]
 LLA :
 A6 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00G716018
 Standard Number: 0107996

110009 N66604-8127-4729 [REDACTED]
 LLA :
 A5 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716058
 Standard Number: 0107996

310009 N66604-8127-4730 [REDACTED]
 LLA :
 A5 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716058
 Standard Number: 0107996

MOD 08 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 09

110101 N66604-8170-3487 [REDACTED]
 LLA :
 A6 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00G716018
 Standard Number: 0107996

110102 N66604-8170-3490 [REDACTED]
 LLA :
 A5 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716058
 Standard Number: 0107996

310101 N66604-8170-3488 [REDACTED]
 LLA :
 A6 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00G716018
 Standard Number: 0107996

310102 N66604-8170-3491 [REDACTED]
 LLA :
 A5 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716058
 Standard Number: 0107996

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MOD 09 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 10

110103 N66604-8350-9989 [REDACTED]
LLA :
A7 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00Y716809
Standard Number: 0107996

MOD 10 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 11

310009 N66604-8127-4730 [REDACTED]
LLA :
A5 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716058
Standard Number: 0107996

MOD 11 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 12

110104 N66604-9051-1783 [REDACTED]
LLA :
A8 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00X716019
Standard Number: 0107996

110105 N66604-9051-1785 [REDACTED]
LLA :
A9 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00Y716059
Standard Number: 0107996

310103 N66604-9051-1784 [REDACTED]
LLA :
A8 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00X716019
Standard Number: 0107996

310104 N66604-9051-1786 [REDACTED]
LLA :
A9 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00Y716059
Standard Number: 0107996

MOD 12 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 13

110106 N66604-9132-5701 [REDACTED]
LLA :
B1 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00G716049
Standard Number: 0107996

110107 N66604-9132-5704 [REDACTED]
LLA :
B2 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00Y716609
Standard Number: 0107996

310105 N66604-9132-5702 [REDACTED]
LLA :
B1 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00G716049
Standard Number: 0107996

310106 N66604-9132-5705 [REDACTED]
LLA :

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B2 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00Y716609
Standard Number: 0107996

MOD 13 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 15

110108 N66604-9195-6856 [REDACTED]
LLA :
B1 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00G716049
Standard Number: 0107996

110109 N66604-9195-6858 [REDACTED]
LLA :
B3 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716049
Standard Number: 0107996

310107 N66604-9195-6857 [REDACTED]
LLA :
B1 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00G716049
Standard Number: 0107996

310108 N66604-9195-6859 [REDACTED]
LLA :
B3 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716049
Standard Number: 0107996

MOD 15 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 16

110109 N66604-9195-6858 [REDACTED]
LLA :
B3 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716049
Standard Number: 0107996

MOD 16 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 17

110007 N66604-8095-9347 [REDACTED]
LLA :
A5 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716058
Standard Number: 0107996

MOD 17 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 18

110007 N66604-8095-9347 [REDACTED]
LLA :
A5 97X4930.NH6A 000 77777 0 066604 2F 000000 70T00E716058
Standard Number: 0107996

MOD 18 Funding [REDACTED]
Cumulative Funding [REDACTED]

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SECTION H SPECIAL CONTRACT REQUIREMENTS

H12S ORGANIZATIONAL CONFLICT OF INTEREST - FAR 9.505-2, SOW

(a) In accordance with FAR 9.505-2(b); whereas this task order provides for the Contractor to prepare, support the preparation of, or provide material leading directly, predictably and without delay to a work statement to be used in competitive acquisitions; the contractor agrees not to be a supplier to the Department of Defense, a subcontract supplier, or a consultant to a supplier of any services, systems or subsystems for which the contractor participated in preparing the work statement as defined above. The prohibition relative to being a supplier, a subcontract supplier, or a consultant to a supplier of any services, systems or subsystems extends for a period of three years after the term of this task order.

(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) This clause applies to Statement of Work task(s): A, B, C, D, R

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 ____three____ 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

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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.

(i) This clause applies to Statement of Work task(s): A, B, C, D, P, R

* 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

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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): A, B, F, G, H, K, P, R

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)

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)

Funding in the amount of [REDACTED] is hereby deobligated. The total funding obligated for this task order is herefore **decreased from** [REDACTED] **by** [REDACTED] **to** [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.

H40S KEY PERSONNEL (FEB 2007)

The following are specified as key people for this task order:

Names:

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

H52XS PRIOR WRITTEN PERMISSION REQUIRED TO SUBCONTRACT (FEB 2007)

None of the services required by this task order shall be subcontracted to or performed by persons other than the contractor, the contractor's employees, or those subcontractors or Consultants(as listed below) which were proposed and approved in the initial offer, without the prior written approval of the Task Order Ordering Officer.

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<http://www.wdol.gov/>

Choose “Selecting WDs” from the menu. After choosing the appropriate area, answer the “prompts” as follows (these answers are applicable to this solicitation):

1. Were these services previously performed at this locality under an SCA-Covered contract?

Yes.

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

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)

252.231-7000 SUPPLEMENTAL COST PRINCIPLES (DEC 1991)

252.235-7010 ACKNOWLEDGMENT OF SUPPORT AND DISCLAIMER (MAY 1995)

252.235-7011 FINAL SCIENTIFIC OR TECHNICAL REPORT (SEP 1999)

52.222-4 CONTRACT WORK HOURS AND SAFETY STANDARDS ACT - OVERTIME COMPENSATION (SEP 2000)

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

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

52.222-41 Service Contract Act of 1965, as Amended (Jul 2005)

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 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:

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[HTTP://WWW.OPM.GOV/OCA/06TABLES/](http://www.opm.gov/OCA/06TABLES/)

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SECTION J LIST OF ATTACHMENTS

CDRL A001 - A008

CDRL A009 - A016

CDRL A017 - A020

CDRL Addendum

DD254

Government Furnished Property

JA4S Task Order Admin Plan