

2. AMENDMENT/MODIFICATION NO. 29	3. EFFECTIVE DATE 12-Nov-2013	4. REQUISITION/PURCHASE REQ. NO. N4658014RC001DB	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY CODE	N00189	7. ADMINISTERED BY (If other than Item 6) CODE	S0701A

NAVSUP FLC Norfolk, Code 200
1968 Gilbert Street Ste 600
Norfolk VA 23511-3392

DCMA HARTFORD
130 DARLIN STREET
EAST HARTFORD CT 06108-3234

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sonalysts 215 Parkway North Waterford CT 06385		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. N00178-04-D-4126-N411 10B. DATED (SEE ITEM 13) 20-Aug-2010
CAGE CODE 1L297	FACILITY CODE	[X]

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.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	D. OTHER (Specify type of modification and authority) Unilateral Modification FAR Clause 52.232-22 Limitation of Funds (April 1984)

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE PAGE 2

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
15C. DATE SIGNED	16C. DATE SIGNED
(Signature of person authorized to sign)	BY (Signature of Contracting Officer)
	14-Nov-2013

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GENERAL INFORMATION

Modification #N411-29

FLC NORFOLK Groton Office Requisition#(s) N4658014RC001DB

FLC POC: [REDACTED]

The purpose of this modification is to add incremental funding to the task order

SECTION B: Establish new SLIN as follows:

440002 - AS Labor

SECTION G: 1741804 60BB 251 57016 0 060951 2D C001DB 4658044A001Q is added by this modification

SECTION H: Change Clause H31S to reflect additional funds

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:

4000 CSDS-12 Tactical Development \$0.00

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4100	AD23	Base Period Labor (O&MN,N)					\$3,129,540.00
410001	AD23	AA (O&MN,N)					
410002	AD23	AB (O&MN,N)					
410003	AD23	AA (O&MN,N)					
410004	AD23	AC (O&MN,N)					
410005	AD23	AC (O&MN,N)					
410006	AD23	AC (O&MN,N)					
410007	AD23	AD (O&MN,N)					
410008	AD23	AD (O&MN,N)					
410009	AD23	AC (O&MN,N)					
410010	AD23	AD (O&MN,N)					
4200	AD23	Option 1 Labor (O&MN,N)					\$3,222,330.00
420001	AD23	AE (O&MN,N)					
420002	AD23	AE (O&MN,N)					
420003	AD23	AF (O&MN,N)					

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420004	AD23	AG [REDACTED] (O&MN,N)				
420005	AD23	AH [REDACTED] FY: 2012 Type: OMN Code: N70 [REDACTED] [REDACTED] TI: 01 (O&MN,N)				
420006	AD23	AJ [REDACTED] FY: 2012 Type: OMN Code: N70 [REDACTED] [REDACTED] TI: 02 (O&MN,N)				
420007	AD23	AK [REDACTED] FY: 2012 (O&MN,N)				
4300	AD23	Option 2 Labor [REDACTED] (O&MN,N)	[REDACTED]	[REDACTED]	[REDACTED]	\$3,325,978.00
430001	AD23	AL [REDACTED] OPTION 2 INCREMENTAL FUNDING (O&MN,N)				
430002	AD23	AM [REDACTED] OPTION 2 FY 12 INCREMENTAL FUNDING (O&MN,N)				
430003	AD23	AN [REDACTED] OPTION 2 FY 13 INCREMENTAL FUNDING (O&MN,N)				
430004	AD23	AP [REDACTED] OPTION 2 FY 13 INCREMENTAL FUNDING (O&MN,N)				
430005	AD23	AQ [REDACTED] OPTION 2 FY13 INCREMENTAL FUNDING (O&MN,N)				
4400	AD23	Option 3 Labor [REDACTED] (O&MN,N)	[REDACTED]	[REDACTED]	[REDACTED]	\$3,453,338.00
440001	AD23	AR [REDACTED] OPTION 3 FY13 INCREMENTAL FUNDING (O&MN,N)				

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440002 AD23 AS [REDACTED]
 OPTION 3 FY14
 INCREMENTAL
 FUNDING (O&MN,N)

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
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6000		Travel and ODCs for Prime Contractor and Subcontractors including burdens			\$0.00
6100	AD23	Base Period ODC (O&MN,N)	1.0	LO	\$74,703.00
610001	AD23	AA [REDACTED] (O&MN,N)			
610002	AD23	AC [REDACTED] (O&MN,N)			
610003	AD23	AC [REDACTED] (O&MN,N)			
610004	AD23	AC [REDACTED] (O&MN,N)			
610005	AD23	AC [REDACTED] (O&MN,N)			
6200	AD23	Option 1 ODC (O&MN,N)	1.0	LO	\$77,317.00
620001	AD23	AE [REDACTED] (O&MN,N)			
620002	AD23	AE [REDACTED] (O&MN,N)			
620003	AD23	AG [REDACTED] (O&MN,N)			
620004	AD23	AK [REDACTED] (O&MN,N)			
6300	AD23	Option 2 ODC (O&MN,N)	1.0	LO	\$80,023.00
630001	AD23	AL [REDACTED] OPTION 2 INCREMENTAL FUNDING (O&MN,N)			

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630002 AD23 AM [REDACTED] OPTION
2 FY12
INCREMENTAL
FUNDING (O&MN,N)

630003 AD23 AN [REDACTED]
OPTION 2 FY13
INCREMENTAL
FUNDING (O&MN,N)

630004 AD23 AQ [REDACTED]
OPTION 2 FY13
INCREMENTAL
FUNDING
(O&MN,N)

6400 AD23 Option 3 ODC 1.0 LO \$82,824.00
(O&MN,N)

640001 AD23 AR [REDACTED]
OPTION 3 FY13
INCREMENTAL
FUNDING (O&MN,N)

For Cost Type Items:

7000 CSDS-12 Tactical \$0.00
Development

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7100	AD23	Option 4 Labor (O&MN,N) Option	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	\$3,592,708.00

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9000		Travel and ODCs for Prime Contractor and Subcontractors including burdens			\$0.00
9100	AD23	Option 4 ODC (O&MN,N) Option	1.0	LO	\$85,723.00

B30S LEVEL OF EFFORT - TERM (MAR 2010)

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

CLIN	Funding Type	Base or Option #	Hours Contractor Site	Hours Government Site	Total Hours
4100	OMN	Base	█	█	█
4200	OMN	Option 1	█	█	█
4300	OMN	Option 2	█	█	█
4400	OMN	Option 3	█	█	█
7100	OMN	Option 4	█	█	█
		Totals	█	█	█

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

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(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 base period and each exercised option, the Contractor shall submit the following information in writing directly to the Task Order Ordering Officer, the COR 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 utilized for performance, 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 exercise dates are specified below:

Option No.	CLIN	Fund Type	Exercise Date – No Later Than
1	4200 & 6200	OMN	15-Oct-11
2	4300 & 6300	OMN	15-Oct-12
3	4400 & 6400	OMN	15-Oct-13
4	7100 & 9100	OMN	15-Oct-14

B43S OPTIONS AND BASIC AWARD TERM (JAN 2005)

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

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 (SOW)

1.0 BACKGROUND

1.1 Commander, Submarine Development Squadron Twelve (CSDS-12) is the submarine force center of excellence for tactical development. Within the squadron, the Tactical Analysis Group (TAG) is responsible for conducting analytical studies, tactical development exercises, and reviews of real world operations in order to formulate new or improved tactics and doctrine that address issues associated with submarine warfare missions. The analytical findings developed via these efforts are translated into updated tactics and doctrine that are promulgated to the submarine force via formal tactical publications. Additionally, CSDS-12 works to shape future tactical capabilities of the submarine force by identifying prioritized tactical capability needs to the acquisition community. The requirements for development of future capabilities are derived from analyses and assessments of current tactical performance as well as projected threat capabilities that could challenge current submarine tactical system performance.

1.2 The CSDS-12 TAG requires technical support services to perform tactical operations research analysis; planning and execution of tactical development exercises and test events; analyses of data recorded to assess submarine tactical system performance in conjunction with updated tactics and doctrine; identification of tactical system capabilities required to address war fighting performance issues; and tactical and warfare publication development. The purpose of these services is to support a rigorous, end-to-end tactical development process that produces and maintains effective and up-to-date tactics and doctrine for submarine warfare as well as to shape the future tactical capabilities of submarine warfare systems.

2.0 SCOPE

2.1 The contractor shall provide technical support services that encompass the following scope of work:

- (a) **Tactical Analysis**: The contractor shall utilize data collected during tactical development exercises and real world operations to perform analyses and trade-off studies that identify optimized tactics as well as proposed tactical system capability enhancements that will maintain and enhance submarine safety, security, and mission effectiveness.

- (b) **TACDEVEX Analysis and Reconstruction**: The contractor shall plan, conduct, and analyze Tactical Development Exercises (TACDEVEXs) and test events. The contractor shall translate data and analysis results from these exercise and test events into recommended tactical publication changes and/or new system performance and capability requirements designed to maintain submarine safety, security, and mission effectiveness.

- (c) **Tactical Data and Documentation**: The contractor shall produce, edit, and maintain

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CSDS-12 warfare publications, publication Urgent Changes (UCs), electronic newsletters, SIPRNET web-page content, and tactical documentation and briefings. This tactical data shall take the form of hardcopy documents, application files, or web-based HTML-based files.

2.2 These technical support tasks are within scope of tasks documented in Section 4.0 of the Basic SeaPort-e contract. Tasks shall be performed in accordance with the applicable commercial and Government specifications and standards (see SOW, Section 3.0) and Government Furnished Information (GFI) (see SOW Section 6.0). The following SeaPort-e basic tasks apply to this requirement:

- 3.2 Modeling, Simulation, Stimulation, and Analysis Support
- 3.5 System Design Documentation and Technical Data Support
- 3.20 Program Support

3.0 Applicable Documents

The contractor shall use appropriate contractor in-house processes and industry standards in lieu of Government specifications and standards wherever possible. The documents listed below shall be used for reference and general guidance. If a document is updated or superseded, then the most current version shall be used.

- 3.1 U.S. Government Printing Office Style Manual, 2008 Edition
- 3.2 DoD 5220.22-M, National Industrial Security Program Operating Manual
- 3.3 DoD Continuous Process Improvement Transformation Guide dtd MAY 2006
- 3.4 DoD Directive (DoDD) 5010.42, DoD-Wide Continuous Process Improvement (CPI/Lean Six Sigma (LSS)) Program
- 3.5 DoD Directive (DoDD) 5230.21, Distribution Statements on Technical Documents dtd 18 MAR 1987
- 3.6 DoD Dictionary of Military and Associated Terms, Joint Publication 1-02 dtd 12 APR 2001
- 3.7 SECNAVINST 3900.29D, Standard Format Requirements for Scientific and Technical Reports dtd 16 JAN 1997
- 3.8 OPNAVINST 5510.1H, Department of the Navy Security Manual
- 3.9 OPNAVINST 5513.5C, Department of the Navy List of Security Classification Guides for Undersea Warfare Program dtd 21 JUN 2008
- 3.10 COMSUBFOR OPORD 2000, REV A. dtd 30 JAN 06 (U) (CONFIDENTIAL)
- 3.11 COMSUBFOR INSTRUCTION 3515.1, Submarine Tactical Development dtd 14 MAR 07
- 3.12 COMSUBFOR INSTRUCTION 3510.28, Submarine Force Doctrine Strategy dtd 12 OCT 07
- 3.13 COMSUBFOR/COMSUBPAC Submarine Tactical Objectives Roadmap (STORM) (U) (SECRET)
- 3.14 COMSUBFOR/COMSUBPAC Submarine Tactical Requirements Group (STRG) Charter

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- 3.15 COMSUBFOR Tactical Concept of Operations Support Group (TCSG) Charter
- 3.16 Navy Warfare Development Command Navy (NWDC) Tactics, Techniques, Procedures, NTTP 1-01, Navy Warfare Library dtd APR 2005
- 3.17 COMSUBDEVRON TWELVE Tactical Development Analysis Strategy, Revision 1 dtd 18 SEP 2009
- 3.18 COMSUBDEVRON TWELVE Tactical Development Analysis Guide, Revision 2 dtd 8 FEB 2010
- 3.19 COMSUBDEVRON TWELVE Tactical Development Exercise Reconstruction Guide dtd 18 SEP 2009
- 3.20 COMSUBDEVRON TWELVE Tactical Development Analysis Advisory Board (AAB) Charter dtd 18 SEP 2009
- 3.21 COMSUBDEVRON TWELVE Tactical Publication Process Guide dtd 1 MAR 2010
- 3.22 U.S. Strategic Command (USSTRATCOM) Directive 8044 (SECRET)
- 3.23 Commander Task Force (CTF) 144/134 Joint OPLAN 5133 (SECRET)

4.0 TASK REQUIREMENTS

The contractor shall perform submarine-related Tactical Analysis; Tactical Development Exercise (TACDEVEX) Analysis and Reconstruction, and Tactical Data and Documentation support.

4.1 TASK A: TACTICAL ANALYSIS

4.1.1 Requirements. In accordance with the requirements of applicable documents 3.11 and 3.13 through 3.15 and using GFI provided in Section 6.0, the contractor shall perform tactical analyses to determine the effectiveness of existing or proposed tactics and submarine tactical capabilities for submarine warfare mission areas. The contractor shall perform analyses to compare and correlate tactical development exercise results with real world submarine events to validate cause-and-effect relationships for tactical issues of concern. Based on the results of these analyses, the contractor shall prepare recommended tactical guidance changes in accordance with applicable document 3.12, 3.16, and 3.21 that maximize the safe, secure, and effective tactical operation of submarines.

(a) In accordance with the priorities established by applicable documents 3.13, 3.14, 3.15 and using GFI provided in Section 6.0, the contractor shall review and analyze submarine tactical and operational documentation along with tactical system performance data and then generate Tactical Analysis Study Plans for evaluation and improvement of submarine tactics and doctrine and tactical system capabilities. The contractor shall recommend mathematical studies, Modeling and Simulation (M&S) studies, laboratory and Submarine Attack Center Trainer test events, and at-sea exercises that will examine tactical issues of concern. The contractor shall develop a problem statement highlighting the tactical issue to be examined, analytical objectives, and analysis approach and methodologies. The contractor shall describe Measures of Performance and Effectiveness (MOPs and MOEs) to be calculated, required data and data sources, analysis personnel requirements, required source documentation and references with a proposed Plan of Action and Milestone Schedule for completion of the recommended study.

(b) The contractor shall prepare a Tactical Analysis Study Plan Concept Briefing that summarizes the salient points of the Tactical Analysis Study Plan prepared in paragraph (a)

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above for review and approval by the CSDS-12 Analysis Advisory Board (AAB) in accordance with applicable document 3.20.

(c) In accordance with requirements of the Tactical Analysis Study Plan prepared in paragraph (a) above and the tactical analysis methodologies of applicable documents 3.17, 3.18, and 3.20, the contractor shall complete a Tactical Analysis Report that describes the following elements of the tactical analysis performed:

1. Problem statement with discussion of aspects of the tactical issue to be studied.
2. Analytical objectives, analysis approach, and Measures of Performance and Effectiveness (MOPs and MOEs) to be evaluated.
3. Assumptions applied in the analysis.
4. Data to be used in the analysis, its sources, and any limitations of that data.
5. Analytical conclusions reached with a detailed cause-and-effect discussion of results.
6. Tables and listings of data applicable to the analysis.
7. Limitations of analysis with a list of areas which for further investigation (if required).
8. Assessment and explanation of study success or failure to meet the analytical objectives.
9. Recommendations for changes to relevant warfare publications and documentation (if applicable).
10. Recommendations for tactical system capabilities improvements (if applicable).

(d) In accordance with the Tactical Analysis Study Plan prepared in paragraph (a) above, the contractor shall prepare a Tactical Analysis Study Report Briefing that summarizes the salient points of the Tactical Analysis Study Report for review by the CSDS-12 Analysis Advisory Board in accordance with applicable document 3.20.

(e) In accordance with the tactical analysis methodologies prescribed in applicable documents 3.17, 3.18, and 3.20, the contractor shall participate in CSDS-12 supervised Analysis Advisory Board (AAB) reviews of proposed Tactical Analysis Study Plans, TACDEVEX campaign plans, TACDEVEX Study Plans and associated briefings. The contractor shall prepare a Tactical Analysis Review Report that describes AAB review comments, meeting minutes and action items in addition to recommendations for improvement of future tactical analysis planning documentation.

(f) The contractor shall conduct reviews and analyses of tactical software documentation, algorithms, software code implementations, and Operator Machine Interface (OMI) displays and controls in order to assess the capability of tactical systems to provide fleet specified tactical performance implemented by system specifications. The contractor shall prepare a Tactical Capabilities Report that reflects tactical system performance review and analysis findings along with proposed CSDS-12 recommendations to the STRG and the TCSG for improvement of combat system capabilities and effectiveness in accordance with applicable documents 3.14 and 3.15.

4.1.2 Deliverables and Schedule. The contractor shall provide the following data deliverables for

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4.1.1 tasks:

- (a) Tactical Analysis Study Plans in accordance with CDRL A001.
- (b) Tactical Analysis Study Plan Concept Briefings in accordance with CDRL A002.
- (c) Tactical Analysis Reports in accordance with CDRL A003.
- (d) Tactical Analysis Report Briefings in accordance with CDRL A004.
- (e) Tactical Analysis Review Reports in accordance with CDRL A005.
- (f) Tactical Capabilities Reports in accordance with CDRL A006.

4.1.3 Performance Standards. The technical quality and relevance of deliverables shall be assessed using the following criteria:

- (a) Tactical Analysis Study Plans and Reports reflect conformance to the tactical analysis principles, methodologies, and formats prescribed by applicable documents 3.17, 3.18, and 3.20.
- (b) Tactical Analysis Study Plans and Reports demonstrate a logical flow of analysis from problem statement to conclusions drawn, demonstrate a proper application of Operations Research principles and mathematical theory with appropriate utilization of data, provide a clear description of cause-and-effect relationships observed and their relevance, describe any limitations of the analysis, and provides recommendations for changes in tactical guidance or tactical capabilities with any aspects of the analysis problem requiring further study (if any).
- (c) Tactical Analysis Study Plans and Reports reflect comments and changes generated by the CSDS-12 Analysis Advisory Board (AAB) peer review process.
- (d) Tactical Analysis Reports and Briefings are delivered in electronic format compatible with Government NMCI software and network requirements and reflect proper security classifications, markings, and distribution statements.
- (e) Tactical Analysis Reports are submitted with completed Standard Form (SF) 298, Report Documentation Page and in accordance with applicable document 3.7.
- (f) Tactical analysis briefing materials and reports are accurate, clear and concise. Information content flows logically with the salient points of the analysis and recommendations clearly articulated.

4.2 TASK B: TACDEVEX ANALYSIS AND RECONSTRUCTION

4.2.1 Requirements. In accordance with the tactical development priorities established by applicable document 3.13 and the requirements of applicable documents 3.17 through 3.20 and GFI provided in Section 6.0, the contractor shall define, plan, facilitate, conduct, reconstruct, analyze, and document the results of CSDS-12 laboratory and Submarine Attack Center test events and at-sea exercises and experiments designed to maintain and improve submarine safety,

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security, and mission effectiveness. The contractor shall also perform TACDEVEX analysis and reconstruction of special tactical development events or TACDEVEX events of opportunity sponsored by other commands including Submarine Command Course (SCC) exercises and SSBN Continuity of Operations exercises. The contractor shall perform exercise data collection by providing analysts for embarkation during exercises or by monitoring exercises from the appropriate remote locations. The contractor shall translate analytical results and findings from these exercise and test events into proposed tactical publication changes in accordance with applicable document 3.12 and 3.21 as well as new system performance and capability requirements in accordance with applicable documents 3.14 and 3.15. The contractor shall perform analysis and reconstruction tasks using GFI computer software and Government Furnished Equipment (GFE) consisting of non-NMCI computers on a CSDS-12 Local Area Network (LAN) with no external connections to other networks.

(a) In accordance with the tactical development priorities established by applicable document 3.13 and GFI provided in Section 6.0, the contractor shall prepare an annual TACDEV Program Plan Briefing that describes recommended exercises to be conducted during the next fiscal year. The contractor shall provide a high level estimate of the required TACDEV events, their timeframes, and associated trainer or submarine assets required to accomplish STORM-related priorities and analysis campaign requirements for the next fiscal year.

(b) In accordance with the CSDS-12 tactical development analysis and reconstruction methodologies described in applicable documents 3.17 through 3.20 and GFI provided in Section 6.0, the contractor shall prepare a TACDEVEX Study Plan for each TACDEVEX event. The contractor shall recommend an exercise problem statement addressing the STORM issue(s) to be examined, analytical objectives, analysis approach, Measures of Performance and Effectiveness (MOPs and MOEs) to be calculated, and requirements for exercise data collection and reconstruction. The contractor shall recommend submarine and equipment assets, environmental constraints, Operational Order (OPORD) content, and personnel support requirements. The Study Plan shall provide a Plan of Action and Milestone Schedule and recommended warfare publications to be used.

(c) The contractor shall prepare a TACDEVEX Concept Briefing that summarizes the salient points of the TACDEVEX Study Plan prepared in paragraph (b) above for review by the CSDS-12 Analysis Advisory Board in accordance with applicable document 3.20.

(d) In accordance with applicable document 3.19, GFI provided in Section 6.0, and the TACDEVEX Study Plan prepared in paragraph (b), the contractor shall prepare a TACDEVEX Data Collection Plan that outlines specific TACDEVEX event requirements for shipboard data collection procedures, data collection timelines, equipment lineups required to support data collection, data collection media, data collection personnel responsibilities, and data offload and shipping instructions. The Data Collection Plan shall address all data and data collection requirements in sufficient detail to support detailed exercise reconstruction.

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(e) In accordance with the event TACDEVEX Study Plan prepared in paragraph (b) and GFI provided in Section 6.0, the contractor shall prepare a TACDEVEX Operation Order (OPORD) that describes event execution and safety details and requirements for the participants. The contractor shall follow current, generally accepted standards for format and content of U.S. Navy OPORDs. A test plan format may be substituted for the OPORD in cases where the exercise is conducted under the operational control of another fleet command or allied Navy.

(f) In accordance with the event TACDEVEX Study Plan prepared in paragraph (b) above, the contractor shall prepare a TACDEVEX Pre-Sail Briefing for each of the participants in the event. This briefing shall address exercise objectives, data collection requirements, OPORD requirements, and other information necessary for the safe and efficient conduct of the exercise. The contractor shall accompany the CSDS-12 Action Officer to pre-sail briefing meetings and present technical data. These briefings are normally conducted within two weeks of the start of the exercise, but depend upon ship operational schedules that will be provided as GFI.

(g) In accordance with the event TACDEVEX Study Plan prepared in paragraph (b) above and upon completion of the TECDEVEX event, the contractor shall sort and evaluate recorded exercise data along with exercise rider reports, platform Commanding Officer observations, and exercise summary messages in order to prepare a quick-look assessment of exercise results and data validity for reconstruction and analysis. The contractor shall prepare a TACDEVEX Quick-Look briefing that shall describe exercise data validity and suitability to support exercise analysis objectives and any data issues that could affect data analysis and reconstruction.

(h) Upon collecting electronically recorded data in paragraph (g) above, the contractor shall review available GFI data reduction routines to determine if they are compatible and useable for reduction of the collected exercise data. Based upon this evaluation, the contractor shall either use existing GFI or request additional alternative data reduction and data parsing routines from the Government in order to perform analysis and reconstruction of the exercise in accordance with the TACDEVEX Data Collection Plan prepared in paragraph (d).

(i) In accordance with the TACDEVEX Study Plan prepared in paragraph (b) above, the contractor shall prepare a recommended TACDEVEX Quick-Look Message. The message shall reflect the preliminary assessment and results for the TACDEVEX event reflected in the TACDEVEX Quick-Look briefing prepared in paragraph (g) above and shall be addressed to all relevant event participants and stakeholders identified by GFI provided in Section 6.0.

(j) In accordance with the TACDEVEX Study Plan prepared in paragraph (b) above and applicable document 3.18, the contractor shall prepare a TACDEVEX Analysis Report. The TACDEVEX Analysis Report shall describe the event elements listed below:

1. Tactical development event STORM-related problem statement with listing of tactical issues to be examined in the exercise.
2. Exercise participants and supporting commands.

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3. Submarine and other platform system and equipment configurations .
4. Description of conduct of the exercise with any deviations from the exercise OPORD and actual environmental conditions with discussion on data collection and analysis impacts.
5. Event analytical objectives, analysis approach, and MOPs and MOEs.
6. Reconstructed exercise tracks of participants and exercise weapons including tables of data used in the analysis.
7. Detailed analysis of the tactical performance of exercise participants in the areas of search, detection, classification, localization, closure, attack, counter-detection, evasion, and re-engagement.
8. Detailed analysis of the oceanographic environment in the exercise area and its effect on exercise results.
9. A detailed cause-and-effect discussion of analytical conclusions and exercise results with assessment of exercise success or failure to meet the TACDEVEX objectives.
10. List of tactical performance deficiencies observed with recommendations for improvements and lessons learned.
11. Limitations of analysis with a list of issues which require further investigation.
12. Recommendations for changes to relevant warfare publications and documentation (if applicable).
13. Recommendations for tactical system capabilities improvements (if applicable)

(k) In accordance with the requirements of the TACDEVEX Study Plan prepared in paragraph (b) and the TACDEVEX Analysis Study Report prepared in paragraph (j) above, the contractor shall provide a TACDEVEX Analysis Report Briefing that summarizes the salient points and results of the TACDEVEX event to the CSDS-12 Analysis Advisory Board (AAB) in accordance with the requirements of applicable document 3.20.

(l) The contractor shall attend meetings, phone conferences, and video teleconferences and prepare exercise planning schedules based on the results of those discussions and GFI provided in Section 6.0. The contractor shall participate in laboratory/attack center trainer events, conduct ship visits and embark on naval vessels in order to collect tactical data to be used in analysis efforts. The contractor shall document this activity in TACDEVEX Action Reports. The TACDEVEX Action reports shall document TACDEVEX event observations, decisions, agreements, recommendations, planned courses of action, action items, scheduling decisions, and briefings given and received.

4.2.2 Deliverables and Schedule. The contractor shall provide the following data deliverables for 4.2.1 tasks:

- (a) TACDEV Program Plan Briefings in accordance with CDRL A007.
- (b) TACDEVEX Study Plans in accordance with CDRL A008.

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- (c) TACDEVEX Concept Briefings in accordance with CDRL A009.
- (d) TACDEVEX Data Collection Plans in accordance with CDRL A00A.
- (e) TACDEVEX Operations Orders (OPORDs) in accordance with CDRL A00B.
- (f) TACDEVEX Pre-Sail Briefings in accordance with CDRL A00C.
- (g) TACDEVEX Quick-Look Briefings in accordance with CDRL A00D.
- (h) TACDEVEX Quick-Look Messages in accordance with CDRL A00E.
- (i) TACDEVEX Analysis Reports in accordance with CDRL A00F.
- (j) TACDEVEX Analysis Report Briefings in accordance with CDRL A00G.
- (k) TACDEVEX Action Reports in accordance with CDRL A00H.

4.2.3 Performance Standards. The technical quality and relevance of deliverables shall be assessed using the following criteria:

- (a) TACDEVEX Study Plans and Reports reflect conformance to the tactical analysis principles, methodologies, and formats prescribed by applicable documents 3.17 through 3.20.
- (b) TACDEVEX Study Plans and Reports demonstrate a logical flow of analysis from problem statement to conclusions drawn, demonstrate a proper application of Operations Research principles and mathematical theory with appropriate utilization of data, provide a clear description of cause-and-effect relationships observed and their relevance, describe any limitations of the analysis, and provide recommendations for changes in tactical guidance or tactical capabilities with any aspects of the analysis problem requiring further study (if applicable).
- (c) TACDEVEX Study Plans and Reports reflect comments and changes generated by the CSDS-12 Analysis Advisory Board (AAB) peer review process.
- (d) All TACDEVEX Reports, briefings, and documentation deliverables are delivered in electronic format compatible with Government NMCI software and network requirements and reflect proper security classifications, markings, and distribution statements.
- (e) TACDEVEX Analysis Reports are submitted with completed Standard Form (SF) 298, Report Documentation Page when specified and in accordance with applicable document 3.7.
- (f) All TACDEVEX briefing materials and reports are accurate, clear and concise. Information content flows logically with the salient points of the analysis and recommendations clearly articulated.

4.3 TASK C, TACTUCAK DATA AND DOCUMENTATION

4.3.1 Requirements.

4.3.1.1 Upon completion of each tactical analysis or TACDEVEX event performed in SOW sections 4.1 and 4.2 (SOW Tasks A and B), the contractor shall enter all data, documentation,

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briefings, and reports into GFI databases for preservation and future reference, trend analysis, utilization by other organizations, and follow-on analysis efforts. The contractor shall adapt exercise data for input into these databases verifying that it is properly cataloged for retrieval and use by the Government. The contractor shall submit a TACDEVEX Data Base Report describing tactical analysis and TACDEVEX event data that have been entered into GFI databases on a quarterly basis. Any issues or problems with data storage, cataloging, and retrieval shall be identified in the report.

4.3.1.2 In accordance with the requirements of applicable document 3.11, 3.12, and 3.21 and utilizing the GFI provided in Section 6.0, the contractor shall utilize the results from tactical and TACDEVEX analyses generated in Tasks 4.1 and 4.2 (SOW Tasks A and B), the results of periodic publication reviews, changes required by the introduction of new system capabilities, “Ask the Expert” inquiries, and other fleet inputs as the basis to generate recommended publications changes. These publications include but are not limited to Naval Tactics, Techniques, and Procedures (NTTPs), Naval Tactical Reference Publications (NTRPs), Tactical Memoranda (TACMEMOs), tactical newsletters, and publication urgent changes. This effort includes technical editing, reproduction, electronic storage, cataloging, configuration management, and promulgation of CSDS-12 tactical publications and documentation. When changes are promulgated, the contractor shall verify that all Naval Warfare Publication deliverables are accurately reported in the Navy Warfare Development Command (NWDC) “List of current Naval Warfare Publications.” The tactical data and documentation to be created and maintained shall include:

- (a) New tactical warfare publications
- (b) Existing tactical warfare publication updates
- (c) Warfare publication Urgent Changes (UCs)
- (d) Submarine Tactics Newsletters
- (e) Tactical Issue Briefings
- (f) CSDS-12 SIPRNET web page content

4.3.1.3 The contractor shall prepare tactical data and documentation in a format that is compatible for use and transmission on the NMCI SIPRNET network. The contractor shall prepare final versions of the tactical documentation in an electronic format that is compatible and consistent with the format of GFI provided in Section 6.0 and suitable for distribution and use by existing submarine on-board network systems.

4.3.1.4 In accordance with the GFI provided in Section 6.0, the contractor shall populate, update, and review GFI tactical data residing on the CSDS-12 NMCI SIPRNET webpage hosted and maintained by Commander, Fleet Forces Command.

4.3.2 Deliverables and Schedule. The contractor shall provide the following deliverables for 4.3.1 tasks:

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- (a) TACDEVEX Database Reports in accordance with CDRL A00J
- (b) Tactical Publication (New) in accordance with CDRL A00K
- (c) Tactical Publication (Updated) in accordance with CDRL A00L
- (d) Tactical Publication Urgent Changes (UCs) in accordance with CDRL A00M
- (e) Submarine Tactics Newsletters in accordance with CDRL A00N
- (f) Tactical Issue Briefings in accordance with CDRL A00P
- (g) CSDS-12 SIPRNET Webpage Content in accordance with CDRL A00Q.

4.3.3 Performance Standards. The technical quality and relevance of deliverables shall be assessed using the following criteria:

(a) All tactical data, publications, and documentation prepared by the contractor reflect complete and accurate information, are formatted in a manner consistent and compatible with GFI provided in Section 6.0.

(c) Tactical data and documentation are electronically stored and easily rapidly retrievable for further use by the CSDS-12 Government staff.

(b) All tactical data, publications, and documentation prepared by the contractor are delivered in electronic format compatible with Government NMCI software and network requirements and reflect proper security classifications, markings, and distribution statements.

5.0 Progress Reports

5.1 Monthly Status Report. The contractor shall deliver monthly cost and performance reports in accordance with CDRL A00S. The monthly status reports shall detail number and types of actions taken that do not require actual data deliverables listed on individual CDRLs.

5.2 Semi-Annual Review Presentation. The contractor shall deliver a Semi-Annual Contract Status Briefing that summarizes all tactical analyses performed, TACDEVEX events analyzed and reconstructed, and tactical publications and data elements supported during the previous six-months. The Semi-Annual Review Presentation shall be prepared in accordance with CDRL A00R. The technical quality and relevance of the Semi-Annual Review Presentation shall be judged by timeliness and accuracy of briefing content based on work accomplished.

6.0 Government Furnished Information

Government Furnished Information (GFI) required for performance of work under this SOW includes but is not limited to the following:

- 6.1 Submarine tactical system data recorded/collected during tactical development events or operational underway periods (SECRET)
- 6.2 Analysis and M&S data generated during tactical analytical studies (SECRET)
- 6.3 Tactical development analysis and exercise reports (SECRET)

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- 6.4 Submarine operational schedules (SECRET)
- 6.5 CSDS-12 Submarine Warfare Publication Library (all publications in hardcopy, electronic file, and HTML formats) (SECRET)
- 6.6 Submarine Combat Control System (CCS), Sonar system, tactical data recording system, and data media technical specifications (SECRET)
- 6.7 Submarine exercise data reduction and reconstruction software
- 6.8 Data analysis and reconstruction programs and software utilities for extraction, parsing, display, and replay of electronically recorded data from submarine tactical systems
- 6.9 TACDEVEX report library and exercise databases that store exercise data and results from previous exercise and analysis events
- 6.10 CSDS-12 and COMSUBFOR Under-Sea Enterprise (USE) correspondence, naval messages, emails, reports, briefings, meeting schedules and other project data required for the preparation of contract deliverables (SECRET)

7.0 Quality Surveillance & Performance Standards

7.1 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. The Government will evaluate contractor performance in the areas of technical quality, tactical relevance, responsiveness, timeliness, and cost. Technical quality and tactical relevance will be evaluated against the specific performance standards defined in the task paragraphs. Responsiveness will be evaluated based on the Government's experience during interactions with the contractor as tasks are performed. Timeliness will be evaluated based upon the contractor's ability to meet task and/or CDRL schedules. Cost will be evaluated upon contractor ability to manage to the negotiated costs.

C24S SECURITY REQUIREMENTS (OCT 2004)

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

C25SX ACCESS TO GOVERNMENT SITE (OCT 2009)

(a) Contractor personnel shall comply with all current badging and security procedures required to gain access to any Government site. Access to Naval Submarine Base New London, Groton, CT may only be gained by obtaining a Base Security Office car pass with concurrence and sponsorship of the COMSUBDEVRON TWELVE Tactical Analysis Group (TAG) Security Officer. Access to COMSUBDEVRON TWELVE classified facilities may only be gained by issuance of a COMSUBDEVRON TWELVE identification badge issued by Naval Submarine Support center (NSSC) with approval by the TAG Security Officer. COMSUBDEVRON TWELVE contractor badges will be issued in accordance with NSSC requirements and comply with the policies and guidance set forth in DoD 5220.22-M, National Industry Security Program Operating Manual.

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

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

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

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

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

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

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

b. Upon request by the Government, the Contractor shall provide documentation demonstrating the safeguards the contractor has implemented to ensure the security of unclassified DoD Information.

c. Contractor personnel that have not been briefed on Attachment 2 to Directive-Type memorandum (DTM) 08-027 – Security of Unclassified DoD Information on Non-DoD Information Systems shall be denied access contractor systems that contain unclassified DoD information.

d. *Subcontracts.* If the Contractor issues any subcontracts in which the subcontractor will have access to unclassified DoD information, the Contractor shall include this clause.

C54S UPDATING SPECIFICATIONS AND STANDARDS (NAVSEA AUG 1994) (APR 2010)

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

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

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

(b) Notwithstanding that an exception exists, the Contractor may furnish items or services provided under this order

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that comply with the EIT Accessibility Standards (36 C.F.R. § 1194).

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SECTION D PACKAGING AND MARKING

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

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

CONTRACT NUMBER: (from SF26 Block 2 or Task Order Block 1)

ORDER NUMBER: (from Task Order Block 2)

REQUISITION NUMBER: (from Task Order General Information Section)

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

(a) Data furnished hereunder shall be adequately packaged to assure safe delivery at destination.

(b) Transmittal of classified information by mail shall be in accordance with the National Industrial Security Program Operating Manual (NISPOM) for Safeguarding Classified Information (DOD 5220.22-M).

(c) The Contractor shall distribute data items according to the distribution shown on the Contract Data Requirements List(s) (CDRL), provided as an Exhibit to this task order. The Contractor shall not distribute, release, or show data items or other technical data to third parties except with the written permission of the Task Order Ordering Officer.

(d) Release of all technical data is subject to OPNAVINST 5510.161, DoD Directive 5230.25 (or appropriate superseding document) and approval of the COR.

(e) All copies of CDRL items under this task order, regardless of distribution, shall be marked on the report cover with the following information:

COMSUBDEVRON TWELVE, Tactical Analysis Group, Groton, CT

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

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

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

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

Item(s) 4000, 6000, 7000, 9000 - Inspection and acceptance shall be made by the Contracting Officer's Representative (COR) or a designated representative of the Government.

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

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SECTION F DELIVERABLES OR PERFORMANCE

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

4100	8/20/2010 - 8/19/2011
4200	8/20/2011 - 8/19/2012
4300	8/20/2012 - 8/19/2013
4400	8/20/2013 - 8/19/2014
6100	8/20/2010 - 8/19/2011
6200	8/20/2011 - 8/19/2012
6300	8/20/2012 - 8/19/2013
6400	8/20/2013 - 8/19/2014

F1S PERIOD OF PERFORMANCE (JUN 2010)

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

CLIN	Funding Type	Base or Option #	Performance Period
4100 & 6100	OMN&N	Base	8/20/2010 - 8/19/2011
4200 & 6200	OMN&N	Option 1	8/20/2011 - 8/19/2012
4300 & 6300	OMN&N	Option 2	8/20/2012 - 8/19/2013
4400 & 6400	OMN&N	Option 3	8/20/2013 - 8/19/2014
7100 & 9100	OMN&N	Option 4	8/20/2014 - 8/19/2015

* If option is exercised. NOTE: The option periods of performance are estimated and projected for planning purposes. However, if the option is not exercised prior to the beginning of the option's projected performance period as outlined in the schedule, upon receipt of funds, the contracting officer will modify the schedule. The option's performance timeframe shall be adjusted to correlate to the timeframe commensurate with the exercise of the option for a period not to exceed 12 months. The overall Period of Performance of this task order shall not exceed five (5) yrs from the effective date of the task order.

F18SX DELIVERY AT DESTINATION (JUNE 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:

COMSUBDEVRON TWELVE
Tactical Analysis Group
Bldg. 164, NAVSUBASE New London
P.O. Box 70
Groton, CT 06349-5200

F22S DELIVERY OF DATA (JUN 2004)

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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 COMSUBDEVRON TWELVE, Groton, CT, or other locations, as required by the statement of work. Anticipated Travel Locations are: AUTEK Range; Sasebo, Japan; Kings Bay, GA, Mayport, FL; Norfolk, VA; PCAN, FL; Pearl Harbor, HI; San Diego, CA; San Juan, PR.

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SECTION G CONTRACT ADMINISTRATION DATA

G1SX SUBMISSION OF INVOICES -- COST REIMBURSEMENT (AUG 2005)

The Contractor shall submit invoices and any necessary supporting documentation, in accordance with the basic contract.

G2S INVOICE INSTRUCTIONS (NAVSEA – SEP 2009) (NOV 2009)

(a) In accordance with the clause of this contract entitled "ELECTRONIC SUBMISSION OF PAYMENT REQUESTS" (DFARS 252.232-7003), the Naval Undersea Warfare Center Division, Newport, Rhode Island (NUWC DIVNPT) 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/rda/home/acquisition_one_source/ebusiness/don_ebusiness_solutions/wawf_overview/vendor_information

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

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

Type of Document (*Contracting Officer/Negotiator check all that apply.*)

X	Cost Voucher (Cost Reimbursable, T&M , LH, or FPI) Contractors MUST attach a completed SF-1035 in WAWF
Applies to CLINs/SLINS: ALL CLINs/SLINS	
Issue DODAAC	N66604
Admin DODAAC	S0701A
Pay Office DODAAC	HQ0337
DCAA Auditor	HAA661
Service Approver DODAAC	45239

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

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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 22222222222
A1: 1781811.H230 310 TTTTTT 0 068342 2D 000000 333333333333
AA: 1781811.H230 310 TTTTTT 0 068342 2D 000000 444444444444

(3) Unique Item Identification and Valuation (UID): If DFARS Clause

252.211-7003 (or I11-7003) is included in this order, you MUST ensure you submit the required information into WAWF. For additional information and training on UID, go to:

<http://www.acq.osd.mil/dpap/pdi/uid/index.html> .

(4) Attachments created in any Microsoft Office product may be attached to the WAWF invoice, e.g., backup documentation, timesheets, etc.

Maximum limit for size of each file is 2 megabytes. Maximum limit for size of files per invoice is 5 megabytes.

(e) Before closing out of an invoice session in WAWF, but after submitting the document(s), you will be prompted to send additional email notifications. Click on "Send More Email Notification" and add the acceptor/receiver email addresses noted below in the first email address block, and add any other additional email addresses desired in the following blocks. This additional notification to the Government is important to ensure that the acceptor/receiver is aware that the invoice documents have been submitted into WAWF.

Send Additional Email Notification To:

(f) The contractor shall submit invoices/cost vouchers for payment per contract terms and the Government shall process invoices/cost vouchers for payment per contract terms. Contractors approved by DCAA for direct billing will submit cost vouchers directly to DFAS via WAWF.

(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, [REDACTED] or [REDACTED] (alternate: [REDACTED]). **For payment status, log into WAWF, scroll to the bottom of the page, and click on the link for "Pay Status (myinvoice – External Link)". Call or e-mail [REDACTED]** only if you cannot get the answer through the WAWF Website.

G11S CONTRACT ADMINISTRATION FUNCTIONS (SERVICES)(JUN 2010)

(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.

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(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), (40), (44), (45), (46), (47), (51), (59), (62), (63), (64), and (70).

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

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

G14S CONTRACTOR'S SENIOR TECHNICAL REPRESENTATIVE (AUG 2005)

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: Team Leader

Mailing Address: [REDACTED]

E-mail Address: [REDACTED]

Telephone: FAX: [REDACTED]

G10S CONTRACTUAL AUTHORITY AND COMMUNICATIONS (NOV 2011)

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

(b) Authority: The Contracting Officer is the only person authorized to approve changes in any of the requirements of this task order and, notwithstanding provisions contained elsewhere in this task order, the said authority remains solely the Contracting Officer's. The Contractor shall not comply with any order, direction or request of Government personnel - that would constitute a change - unless it is issued in writing and signed by the Contracting Officer. No order, statement, or conduct of any Government personnel who visit the Contractor's facilities or in any other manner communicates with Contractor personnel during the performance of this task order shall constitute a change under the Changes clause of this task order and no adjustment will be made in the task order price to cover any increase in charges incurred as a result thereof. Therefore, in no event will any understanding, agreement, modification, change order, or other matter deviating from the terms of the basic contract or this task order between the contractor and any other person be effective or binding on the Government. If, in the opinion of the contractor, an effort outside the

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existing scope of this task order is requested, the contractor shall promptly notify the Contracting Officer in writing. No action shall be taken by the contractor unless the Contracting Officer or basic contract PCO has issued a formal modification.

(c) The Contracting Officer is:

Name: [REDACTED]
Telephone: [REDACTED] [REDACTED] [REDACTED]
Fax [REDACTED]
Email: [REDACTED]

(d) The Task Order Negotiator is:

Name: [REDACTED]
Telephone: [REDACTED] [REDACTED] [REDACTED]
Fax [REDACTED]
Email: [REDACTED]

(e) Ombudsman for the NAVSUP Fleet Logistic Center-Norfolk, is:

Name: [REDACTED]
Telephone [REDACTED]
Fax [REDACTED]
Email: [REDACTED]

(f) The Contracting Officer's Representative (COR) this task order is:

Name: [REDACTED]
Code: [REDACTED]
Mailing Address: [REDACTED]
[REDACTED]
Telephone: [REDACTED]

The COR is responsible for those specific functions assigned in the COR Appointment Letter.

(g) The Contractor's Representative is:

Name: [REDACTED]
Title: Contracting Officer
Mailing Address: [REDACTED]
[REDACTED]
E-mail Address: [REDACTED]
Telephone: [REDACTED]
FAX: [REDACTED]

Accounting Data

SLINID	PR Number	Amount
410001	N66604-0231-6385	[REDACTED]

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LLA :
AA 1701804.60BB 251 57016 0 060951 2D C00537 4658004A000Q
Standard Number: 0295159
Reference: RCP# N4658010RC00537, ACRN AA (I680340)

610001 N66604-0231-6386 [REDACTED]
LLA :
AA 1701804.60BB 251 57016 0 060951 2D C00537 4658004A000Q
Standard Number: 0295159
Reference: RCP# N4658010RC00537, ACRN AA (I680340)

BASE Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 01 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 02

410002 N66604-0245-8939 [REDACTED]
LLA :
AB 1701804.60CB 252 57016 0 060951 2D C00637 465800YU000Q
Standard Number: 0298539
Reference: RCP# N4658010RC00637, ACRN AA
(I680450)

MOD 02 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 03

410003 N66604-0271-3501 [REDACTED]
LLA :
AA 1701804.60BB 251 57016 0 060951 2D C00537 4658004A000Q
Standard Number: 0303939
Reference: RCP# N4658010RC00537, ACRN AA (I680340)

MOD 03 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 04

410004 N66604-0298-7294 [REDACTED]
LLA :
AC 1711804.60BB 252 57016 0 060951 2D C00137 4658014A000Q
Standard Number: 0308773
RCP# N4658011RC00137, ACRN AA (I680001)

610002 N66604-0298-7295 [REDACTED]
LLA :
AC 1711804.60BB 252 57016 0 060951 2D C00137 4658014A000Q
Standard Number: 0308773
Reference: RCP# N4658011RC00137, ACRN AA (I680001)

MOD 04 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 05

410005 N66604-0322-1202 [REDACTED]
LLA :
AC 1711804.60BB 252 57016 0 060951 2D C00137 4658014A000Q
Standard Number: 0313642
Reference: RCP# N4658011RC00137, ACRN AA (I680001)

610003 N66604-0322-1204 [REDACTED]
LLA :
AC 1711804.60BB 252 57016 0 060951 2D C00137 4658014A000Q

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Standard Number: 0313642
Reference: RCP# N4658011RC00137, ACRN AA (I680001)

MOD 05 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 06 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 07

410006 N66604-1025-1841 [REDACTED]
LLA :
AC 1711804.60BB 252 57016 0 060951 2D C00137 4658014A000Q
Standard Number: 0326519
RCP# N4658011RC00137, ACRN AA (I680001)

610004 N66604-1025-1842 [REDACTED]
LLA :
AC 1711804.60BB 252 57016 0 060951 2D C00137 4658014A000Q
Standard Number: 0326520
RCP# N4658011RC00137, ACRN AA (I680001)

MOD 07 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 08

410007 N66604-1038-3829 [REDACTED]
LLA :
AD 1711804.60CB 252 57016 0 060951 2D C00337 465801YU001Q
Standard Number: 0328984
RCP# N4658011RC00337, ACRN AA (I680011)

MOD 08 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 09

410008 N66604-1098-4076 [REDACTED]
LLA :
AD 1711804.60CB 252 57016 0 060951 2D C00337 465801YU001Q
Standard Number: 0342016
RCP# N4658011RC00337, ACRN AA (I680011)

MOD 09 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 10

410009 N66604-1132-9905 [REDACTED]
LLA :
AC 1711804.60BB 252 57016 0 060951 2D C00137 4658014A000Q
Standard Number: 0349048
Reference: RCP# N4658011RC00137, ACRN AA (I680001)

610005 N66604-1132-9912 [REDACTED]
LLA :
AC 1711804.60BB 252 57016 0 060951 2D C00137 4658014A000Q
Standard Number: 0349048
Reference: RCP# N4658011RC00137, ACRN AA (I680001)

MOD 10 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 11

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410010 N66604-1158-3683 [REDACTED]
 LLA :
 AD 1711804.60CB 252 57016 0 060951 2D C00337 465801YU001Q
 Standard Number: 0353653
 Reference: RCP# N4658011RC00337, ACRN AA (I680011)

MOD 11 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 12

420001 N66604-1115-6843 [REDACTED]
 LLA :
 AE 1711804.60BB 251 57016 0 060951 2D C00537 4658014A000Q
 Standard Number: 0345098
 Reference: RCP# N4658011RC00537, ACRN AA (I680081)

420002 N66604-1157-3461 [REDACTED]
 LLA :
 AE 1711804.60BB 251 57016 0 060951 2D C00537 4658014A000Q
 Standard Number: 0353391
 Reference: RCP# N4658011RC00537, ACRN AA (I680081)

420003 N66604-1158-3681 [REDACTED]
 LLA :
 AF 1711804.60CB 252 57016 0 060951 2D C00637 465801YU001Q
 Standard Number: 0353651
 Reference: RCP# N4658011RC00637, ACRN AA (I680111)

620001 N66604-1115-6847 [REDACTED]
 LLA :
 AE 1711804.60BB 251 57016 0 060951 2D C00537 4658014A000Q
 Standard Number: 0345104
 Reference: RCP# N4658011RC00537, ACRN AA (I680081)

620002 N66604-1157-3462 [REDACTED]
 LLA :
 AE 1711804.60BB 251 57016 0 060951 2D C00537 4658014A000Q
 Standard Number: 0353392
 Reference: RCP# N4658011RC00537, ACRN AA (I680081)

MOD 12 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 13

420004 N66604-1308-5728 [REDACTED]
 LLA :
 AG 1721804.60BB 251 57016 0 060951 2D C00137 4658024A001Q
 Standard Number: 0381838
 RCP #N4658012RC00137 ACRN AA (I680002)

620003 N66604-1308-5729 [REDACTED]
 LLA :
 AG 1721804.60BB 251 57016 0 060951 2D C00137 4658024A001Q
 Standard Number: 0381839
 RCP #N4658012RC00137 ACRN AA (I680002)

MOD 13 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 14

420005 1300238702 [REDACTED]
 LLA :
 AH 1721804 60BB 251 57016 0 060951 2D C00137 4658024A001Q 100000563725
 RCP# N4658012WR00237, ACRN AA

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MOD 14 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 15 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 16 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 17

420006 1300243407 [REDACTED]
LLA :
AJ 1721804 60BB 251 57016 0 060951 2D C00137 4658024A001Q
RCP N4658012RC00137, ACRN AA

MOD 17 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 18 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 19

420007 [REDACTED]
LLA :
AK 1721804 60BB 251 57016 0 060951 2D C001DB 4658024A001Q

620004 [REDACTED]
LLA :
AK 1721804 60BB 251 57016 0 060951 2D C001DB 4658024A001Q

MOD 19 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 20 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 21

430001 N4658012RC002DB [REDACTED]
LLA :
AL 1721804 60BB 251 57016 0 060951 2D C002DB 465802A001Q
RCP #N4658012RC002DB ACRN AA

630001 N4658012RC002DB [REDACTED]
LLA :
AL 1721804 60BB 251 57016 0 060951 2D C002DB 465802A001Q
RCP #N4658012RC002DB ACRN AA

MOD 21 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 22 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 23 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 24

430002 N4658012RC002DB Amend [REDACTED]
LLA :
AM 1721804.60BB 251 57016 0 060951 2D C002DB 4658024A001Q
RCP# N4658012RC002DB Amend 1 ACRN AA

630002 N4658012RC002DB Amend [REDACTED]
LLA :
AM 1721804.60BB 251 57016 0 060951 2D C002DB 4658024A001Q

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Standard Number: N4658012RC002DB

MOD 24 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 25

430003 N4658013RC001DB Basi [REDACTED]
LLA :
AN 1731804 60BB 251 57016 0 060951 2D C001DB 4658034A001Q

630003 N4658013RC001DB Basic [REDACTED]
LLA :
AN 1731804 60BB 251 57016 0 060951 2D C001DB 4658034A001Q

MOD 25 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 26

430004 N4658013RC001DB [REDACTED]
LLA :
AP 1731804 60BB 251 57016 0 060951 2D C001DB 4658034A001Q
Standard Number: N4658013RC001DB

MOD 26 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 27

430005 N4658013RC01DB02 [REDACTED]
LLA :
AQ 1731804 60BB 251 57016 0 060951 2D C001DB 4658034A001Q
Standard Number: N4658013RC01DB02

630004 N4658013RC001DB02 [REDACTED]
LLA :
AQ 1731804 60BB 251 57016 0 060951 2D C001DB 4658034A001Q
Standard Number: N4658013RC001DB02

MOD 27 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 28

440001 N4658013RC002DB [REDACTED]
LLA :
AR 1731804 60BB 251 57016 0 060951 2D C002DB 4658034A002Q
REQ N4658013RC002DB ARCN AA

640001 N4658013RC002DB [REDACTED]
LLA :
AR 1731804 60BB 251 57016 0 060951 2D C002DB 4658034A002Q
REQ N4658013RC002DB ARCN AA

MOD 28 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 29

440002 N4658014RC001DB [REDACTED]
LLA :
AS 1741804.60BB 251 57016 0 060951 2D C001DB 4658044A001Q

MOD 29 Funding [REDACTED]
Cumulative Funding [REDACTED]

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SECTION H SPECIAL CONTRACT REQUIREMENTS

H31S INCREMENTAL FUNDING - ADDITIONAL FUNDS (JAN 2008)

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

FLC Accrual Date August 19, 2014

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SECTION I CONTRACT CLAUSES

52.204-2 Security Requirements (AUG 1996)

52.222-3 Convict Labor (June 2003)

52.222-41 Service Contract Act of 1965 (NOV 2007)

52.222-99 Notification Of Employee Rights Under The National Labor Relations Act

(DEVIATION 2010-O0003) (JUN 2010)

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

52.227-1 AUTHORIZATION AND CONSENT (JUL 1995)

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

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

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

52.242-7004 MATERIAL MANAGEMENT AND ACCOUNTING SYSTEM (DEC 2000)

52.245-1 GOVERNMENT PROPERTY (June 2007)

52.245-9 USE AND CHARGES (JUNE 2007)

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)

252.225-7013 DUTY-FREE ENTRY (DEC 2009)

252.227-7013 Rights in Technical Data -- Noncommercial Items (Nov 1995)

252.227-7016 Rights in Bid or Proposal Information (Jun 1995)

252.227-7017 IDENTIFICATION AND ASSERTION OF USE, RELEASE, OR DISCLOSURE RESTRICTIONS (JUN 1995)

252.227-7030 Technical Data - Withholding of Payment (AMR 2000)

252.227-7037 Validation of Restrictive Markings on Technical Data (SEP 1999)

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

252.231-7000 SUPPLEMENTAL COST PRINCIPLES (DEC 1991)

52.222-54 Employment Eligibility Verification (Jan 2009)

(a) *Definitions.* As used in this clause—

“Commercially available off-the-shelf (COTS) item”—

(1) Means any item of supply that is—

(i) A commercial item (as defined in paragraph (1) of the definition at 2.101);

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(ii) Sold in substantial quantities in the commercial marketplace; and

(iii) Offered to the Government, without modification, in the same form in which it is sold in the commercial marketplace; and

(2) Does not include bulk cargo, as defined in section 3 of the Shipping Act of 1984 (46 U.S.C. App. 1702), such as agricultural products and petroleum products. Per 46 CFR 525.1(c)(2), "bulk cargo" means cargo that is loaded and carried in bulk onboard ship without mark or count, in a loose unpackaged form, having homogenous characteristics. Bulk cargo loaded into intermodal equipment, except LASH or Seabee barges, is subject to mark and count and, therefore, ceases to be bulk cargo.

"Employee assigned to the contract" means an employee who was hired after November 6, 1986, who is directly performing work, in the United States, under a contract that is required to include the clause prescribed at 22.1803. An employee is not considered to be directly performing work under a contract if the employee—

(1) Normally performs support work, such as indirect or overhead functions; and

(2) Does not perform any substantial duties applicable to the contract.

"Subcontract" means any contract, as defined in 2.101, entered into by a subcontractor to furnish supplies or services for performance of a prime contract or a subcontract. It includes but is not limited to purchase orders, and changes and modifications to purchase orders.

"Subcontractor" means any supplier, distributor, vendor, or firm that furnishes supplies or services to or for a prime Contractor or another subcontractor.

"United States," as defined in 8 U.S.C. 1101(a)(38), means the 50 States, the District of Columbia, Puerto Rico, Guam, and the U.S. Virgin Islands.

(b) *Enrollment and verification requirements.*

(1) If the Contractor is not enrolled as a Federal Contractor in E-Verify at time of contract award, the Contractor shall—

(i) *Enroll.* Enroll as a Federal Contractor in the E-Verify program within 30 calendar days of contract award;

(ii) *Verify all new employees.* Within 90 calendar days of enrollment in the E-Verify program, begin to use E-Verify to initiate verification of employment eligibility of all new hires of the Contractor, who are working in the United States, whether or not assigned to the contract, within 3 business days after the date of hire (but see paragraph (b)(3) of this section); and

(iii) *Verify employees assigned to the contract.* For each employee assigned to the contract, initiate verification within 90 calendar days after date of enrollment or within 30 calendar days of the employee's assignment to the contract, whichever date is later (but see paragraph (b)(4) of this section).

(2) If the Contractor is enrolled as a Federal Contractor in E-Verify at time of contract award, the Contractor shall use E-Verify to initiate verification of employment eligibility of—

(i) *All new employees.*

(A) *Enrolled 90 calendar days or more.* The Contractor shall initiate verification of all new hires of the Contractor, who are working in the United States, whether or not assigned to the contract within 3 business days after the date of hire (but see paragraph (b)(3) of this section); or

(B) *Enrolled less than 90 calendar days.* Within 90 calendar days after enrollment as a Federal Contractor in E-Verify, the Contractor shall initiate verification of all new hires of the Contractor, who are working in the United States, whether or not assigned to the contract, within 3 business days after the date of hire (but see paragraph (b)(3) of this section); or

(ii) *Employees assigned to the contract.* For each employee assigned to the contract, the Contractor shall initiate verification within 90 calendar days after date of contract award or within 30 days after assignment to the contract, whichever date is later (but see paragraph (b)(4) of this section).

(3) If the Contractor is an institution of higher education (as defined at 20 U.S.C. 1001(a)); a State or local government or the government of a Federally recognized Indian tribe; or a surety performing under a takeover agreement entered into with a Federal agency pursuant to a performance bond, the Contractor may choose to verify only employees assigned to the contract, whether existing employees or new hires. The Contractor shall follow the applicable verification requirements at (b)(1) or (b)(2), respectively, except that any requirement for verification of new employees applies only to new employees assigned to

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the contract.

(4) *Option to verify employment eligibility of all employees.* The Contractor may elect to verify all existing employees hired after November 6, 1986, rather than just those employees assigned to the contract. The Contractor shall initiate verification for each existing employee working in the United States who was hired after November 6, 1986, within 180 calendar days of—

(i) Enrollment in the E-Verify program; or

(ii) Notification to E-Verify Operations of the Contractor’s decision to exercise this option, using the contact information provided in the E-Verify program Memorandum of Understanding (MOU).

(5) The Contractor shall comply, for the period of performance of this contract, with the requirement of the E-Verify program MOU.

(i) The Department of Homeland Security (DHS) or the Social Security Administration (SSA) may terminate the Contractor’s MOU and deny access to the E-Verify system in accordance with the terms of the MOU. In such case, the Contractor will be referred to a suspension or debarment official.

(ii) During the period between termination of the MOU and a decision by the suspension or debarment official whether to suspend or debar, the Contractor is excused from its obligations under paragraph (b) of this clause. If the suspension or debarment official determines not to suspend or debar the Contractor, then the Contractor must reenroll in E-Verify.

(c) *Web site.* Information on registration for and use of the E-Verify program can be obtained via the Internet at the Department of Homeland Security Web site: <http://www.dhs.gov/E-Verify> .

(d) *Individuals previously verified.* The Contractor is not required by this clause to perform additional employment verification using E-Verify for any employee—

(1) Whose employment eligibility was previously verified by the Contractor through the E-Verify program;

(2) Who has been granted and holds an active U.S. Government security clearance for access to confidential, secret, or top secret information in accordance with the National Industrial Security Program Operating Manual; or

(3) Who has undergone a completed background investigation and been issued credentials pursuant to Homeland Security Presidential Directive (HSPD) -12, Policy for a Common Identification Standard for Federal Employees and Contractors.

(e) *Subcontracts.* The contractor shall include the requirements of this clause, including this paragraph (e) (appropriately modified for identification of the parties), in each subcontract that—

(1) *Is for—*

(i) Commercial or noncommercial services (except for commercial services that are part of the purchase of a COTS item (or an item that would be a COTS item, but for minor modifications), performed by the COTS provider, and are normally provided for that COTS item); or

(ii) Construction;

(2) Has a value of more than \$3,000; and

(3) Includes work performed in the United States.

)

**252.222-7999 ADDITIONAL REQUIREMENTS AND RESPONSIBILITIES
RESTRICTING THE USE OF MANDATORY ARBITRATION
AGREEMENTS (DEVIATION) (FEB 2010)**

(a) *Definitions.*

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

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(b) The Contractor-

(1) Agrees not to-

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

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

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

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

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

I11-7003 Item Identification and Valuation (DFARS 252.211-7003) (AUG 2008) (OCT 2009)

(a) *Definitions.* As used in this clause—

“Automatic identification device” means a device, such as a reader or interrogator, used to retrieve data encoded on machine-readable media.

“Concatenated unique item identifier” means—

(1) For items that are serialized within the enterprise identifier, the linking together of the unique identifier data elements in order of the issuing agency code, enterprise identifier, and unique serial number within the enterprise identifier.

(2) For items that are serialized within the original part, lot, or batch number, the linking together of the unique identifier data elements in order of the issuing agency code; enterprise identifier; original part, lot, or batch number within the original part, lot, or batch number.

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“Data qualifier” means a specified character (or string of characters) that immediately precedes a data field that defines a general category or intended use of the data that follows.

“DoD recognized unique identification equivalent” means a unique identification method that is in commercial use and has been recognized by DoD. All DoD recognized unique identification equivalents are listed at http://www.acq.osd.mil/dau/uid/iuid_equivalents.html.

“DoD unique item identification” means a system of marking items delivered to DoD with unique item identifiers that use machine-readable data elements to distinguish an item from all other like and unlike items. For items that are serialized within the enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier and a unique serial number. For items that are serialized within the part, lot, or batch number within the enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier; the original part, lot, or batch number; and the serial number.

“Enterprise” means the entity (e.g., a manufacturer or vendor) responsible for assigning unique item identifiers to items.

“Enterprise identifier” means a code that is uniquely assigned to an enterprise by an issuing agency.

“Government’s unit acquisition cost” means—

- (1) For fixed-price type line, subtitle, or exhibit line items, the unit price identified in the contract or order.
- (2) For cost-type or undefinitized line, subtitle, or exhibit line items, the Contractor’s estimated fully burdened unit cost to the Government at the time of delivery; and
- (3) For items produced under a time-and-materials contract, the Contractor’s estimated fully burdened unit cost to the Government at the time of delivery.

“Issuing agency” means an organization responsible for assigning a non-repeatable identifier to an enterprise (i.e., Dun & Bradstreet’s Data Universal Numbering System (DUNS) Number, GS1 Company Prefix, or Defense Logistics Information System (DLIS) Commercial and Government Entity (CAGE) Code).

“Issuing agency code” means a code that designates the registration (or controlling) authority for the enterprise identifier.

“Item” means a single hardware article or a single unit formed by a grouping of subassemblies, components, or constituent parts.

“Lot or batch number” means an identifying number assigned by the enterprise to a designated group of items, usually referred to as either a lot or a batch, all of which were manufactured under identical conditions.

“Machine-readable” means an automatic identification technology media, such as bar codes, contact memory buttons, radio frequency identification, or optical memory cards.

“Original part number” means a combination of numbers or letters assigned by the enterprise at item creation to a class of items with the same form, fit, function, and interface.

“Parent item” means the item assembly, intermediate component, or subassembly that has an embedded item with a unique item identifier or DoD recognized unique identification equivalent.

“Serial number within the enterprise identifier” means a combination of numbers, letters, or symbols assigned by the enterprise to an item that provides for the differentiation of that item from any other like and unlike item and is never used again within the enterprise.

“Serial number within the part, lot, or batch number” means a combination of numbers or letters assigned by the enterprise to an item that provides for the differentiation of that item from any other like item within a part, lot, or batch number assignment.

“Serialization within the enterprise identifier” means each item produced is assigned a serial number that is unique among the tangible items produced by the enterprise and is never used again. The enterprise is responsible for ensuring unique serialization within the enterprise identifier.

“Serialization within the part, lot, or batch number” means each item of a particular part, lot, or batch number is assigned a unique serial number within that part, lot, or batch number assignment. The enterprise is responsible for ensuring unique serialization within the part, lot, or batch number within the enterprise identifier.

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“Unique item identifier” means a set of data elements marked on items that is globally unique and unambiguous. This includes a concatenated unique item identifier or a DoD recognized unique identification equivalent.

“Unique item identifier type” means a designator to indicate which method of uniquely identifying a part has been used. The current list of accepted unique item identifier types is maintained at http://www.acq.osd.mil/dpap/pdi/uid/uii_types.htm

(b) The Contractor shall deliver all items under a contract line, subline, or exhibit line item.

(c) *Unique item identifier.*

(1) The Contractor shall provide a unique item identifier for the following:

(i) All delivered items for which the Government’s unit acquisition cost is \$5,000 or more.

(ii) The following items for which the Government’s unit acquisition cost is less than \$5,000:

Contract Line, Subline, or

Exhibit Line Item Number Item Description

(iii) Subassemblies, components, and parts embedded within delivered items as specified in Attachment 1.

(2) The unique item identifier and the component data elements of the DoD unique item identification shall not change during the life of the item.

(3) *Data syntax and semantics of unique item identifiers.* The Contractor shall ensure that—

(i) The encoded data elements (except issuing agency code) of the unique item identifier are marked with the following three types of data qualifiers, as determined by the Contractor:

(A) Application Identifiers (AIs) (Format Indicator 05 of ISO/IEC International Standard 15418, Information Technology – EAN/UCC Application Identifiers Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

(B) Data Identifiers (DIs) (Format Indicator 06 of ISO/IEC International Standard 15434), Information Technology – EAN/UCC Application Identifiers Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

(C) Text Element Identifiers (TEIs) (Format Indicator 12 of ISO/IEC International Standard 15418, Information Technology – EAN/UCC Application Identifiers Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard; and Air Transport Association Common Support Data Dictionary; and

(ii) The encoded data elements of the unique item identifier conform to the transfer structure, syntax, and data formats specified for Format Indicators 05, 06, and 12 in ISO/IEC International Standard 15418, Information Technology – Transfer Syntax for High Capacity Automatic Data Capture Media.

(4) *Unique item identifier.*

(i) The Contractor shall—

(A) Determine whether to—

(1) Serialize within the enterprise identifier;

(2) Serialize within the part, lot, or batch number; or

(3) Use a DoD recognized unique identification equivalent; and

(B) Place the data elements of the unique item identifier (enterprise identifier; serial number; unique identification equivalent; and for serialization within the part, lot, or batch number only: or on items requiring marking by paragraph (c)(1) of this clause, based on the criteria provided in Attachment 1.

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Identification Marking of U.S. Military Property, cited in the contract Schedule.

(ii) The issuing agency code—

(A) Shall not be placed on the item; and

(B) Shall be derived from the data qualifier for the enterprise identifier.

(d) For each item that requires unique item identification under paragraph (c)(1)(i) or (ii) of this clause, in addition to the information provided as part of the Material Inspection and Receiving Report specified elsewhere in this contract, the Contractor shall report at the time of delivery, either as part of, or associated with, the Material Inspection and Receiving Report, the following information:

- (1) Unique item identifier.
- (2) Unique item identifier type.
- (3) Issuing agency code (if concatenated unique item identifier is used).
- (4) Enterprise identifier (if concatenated unique item identifier is used).
- (5) Original part number (if there is serialization within the original part number).
- (6) Lot or batch number (if there is serialization within the lot or batch number).
- (7) Current part number (optional and only if not the same as the original part number).
- (8) Current part number effective date (optional and only if current part number is used).
- (9) Serial number (if concatenated unique item identifier is used).
- (10) Government's unit acquisition cost.
- (11) Unit of measure.

(e) For embedded subassemblies, components, and parts that require DoD unique item identification under paragraph (c)(1)(iii) of this clause, the Contractor shall report as part of, or associated with, the Material Inspection and Receiving Report specified elsewhere in this contract, the following information:

- (1) Unique item identifier of the parent item under paragraph (c)(1) of this clause that contains the embedded subassembly component, or part.
- (2) Unique item identifier of the embedded subassembly, component, or part.
- (3) Unique item identifier type.**
- (4) Issuing agency code (if concatenated unique item identifier is used).**
- (5) Enterprise identifier (if concatenated unique item identifier is used).**
- (6) Original part number (if there is serialization within the original part number).**
- (7) Lot or batch number (if there is serialization within the lot or batch number).**
- (8) Current part number (optional and only if not the same as the original part number).**
- (9) Current part number effective date (optional and only if current part number is used).**
- (10) Serial number (if concatenated unique item identifier is used).**
- (11) Description.

** Once per item.

(f) The Contractor shall submit the information required by paragraphs (d) and (e) of this clause in accordance with the data

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submission procedures at

http://www.acq.osd.mil/dpap/pdi/uid/data_submission_information.html.

(g) *Subcontracts*. If the Contractor acquires by subcontract, any item(s) for which unique item identification is required in accordance with paragraph (c)(1) of this clause, the Contractor shall include this clause, including this paragraph (g), in the applicable subcontract(s).

**I22-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL (MAY 1989)
HIRES (FAR 52.222-42)**

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:

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

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SECTION J LIST OF ATTACHMENTS

CDRL, Contract Data Requirements List

DD254, Contract Security Classification Specification

Government Furnished Property

JA4S, Task Order Administration Plan