

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT1. CONTRACT ID CODE
UPAGE OF PAGES
1 22. AMENDMENT/MODIFICATION NO.
183. EFFECTIVE DATE
10-Aug-20184. REQUISITION/PURCHASE REQ. NO.
Deobligation5. PROJECT NO. (If applicable)
N/A

6. ISSUED BY CODE

N00164

7. ADMINISTERED BY (If other than Item 6) CODE

S0701A

NSWC, CRANE DIVISION
300 Highway 361 - Building 3373
Crane IN 47522-5001DCMA HARTFORD
130 DARLIN STREET
EAST HARTFORD CT 06108-3234

SCD: C

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

SCIENCE APPLICATIONS INTERNATIONAL CORP
12010 Sunset Hills Road
Reston VA 20190

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

[X]

10A. MODIFICATION OF CONTRACT/ORDER NO.

N00178-04-D-4119-FC23

10B. DATED (SEE ITEM 13)

11-Aug-2009

CAGE CODE
6XWA8

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

SEE SECTION G

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

(*) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

[]

[X] 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). FAR 43.103 (a)(3) Mutual agreement

[] C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

[] D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [] is not, [X] is required to sign this document and return 1 copies to the issuing office.

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

SEE PAGE 2

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

09-Aug-2018

BY

(Signature of Contracting Officer)

10-Aug-2018

NSN 7540-01-152-8070

30-105

STANDARD FORM 30 (Rev. 10-83)

PREVIOUS EDITION UNUSABLE

Prescribed by GSA

FAR (48 CFR) 53.243

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 2 of 2	FINAL
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GENERAL INFORMATION

The purpose of this modification is to deobligate excess Lapsing funds prior to Task Order close-out. Contractor concurrence was received via email dated 07 August 2018 and is uploaded in the 1102 files. Accordingly, said Task Order is modified as follows:

The Line of Accounting information is hereby changed as follows:

The total amount of funds obligated to the task is hereby decreased from \$18,172,748.62 by \$1,011.46 to \$18,171,737.16.

CLIN/SLIN	Type Of Fund	From (\$)	By (\$)	To (\$)
430008	PMC	60,000.00	(673.64)	59,326.36
600009	PMC	39,255.70	(0.04)	39,255.66
630002	PMC	95,889.76	(8.55)	95,881.21
630004	PMC	572,568.33	(243.33)	572,325.00
630005	PMC	24,618.10	(1.06)	24,617.04
630011	PMC	7,398.15	(84.84)	7,313.31

The total value of the order is hereby increased from \$20,729,730.00 by \$0.00 to \$20,729,730.00.

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

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 1 of 69	FINAL
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SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4000	R425	Engineering, technical, program, logistic, administrative, and fabrication process support labor only (Base Yr 1 & 2) (PMC)	1.0	LO	██████████	██████████	\$8,280,463.00
400001	R425	Incremental funding in the amount of \$155,502 for labor in support of TI # 001 (ACRN A1) (PMC)					
400002	R425	Incremental funding in the amount of \$875,000 for labor in support of TI # 002 (ACRN A2) (PMC)					
400003	R425	Incremental funding in the amount of \$668,001 for labor in support of TI # 002 (ACRN A4) (PMC)					
400004	R425	Incremental funding in the amount of \$2,750,000 for labor in support of TI # 002 (ACRN A5) (PMC)					
400005	R425	Incremental funding in the amount of \$62,960.00 for labor in support of TI # 001 (ACRN A7) (PMC)					
400006	R425	Incremental funding in the amount of \$25,000.00 for labor in support of TI # 001 (ACRN A8) (PMC)					
400007	R425	Incremental funding in the amount of \$524,000.00 for labor in support of TI # 001 ACRN A9) (PMC)					
400008	R425	Incremental funding in the amount of \$1,000,000.00 for labor in support of TI # 001 ACRN A9) less deob of \$3,733.72 on Mod # 15 (PMC)					
400009	R425	Incremental funding in the amount of \$2,220,000.00 for labor in support of TI # 002 ACRN B1) less deob of \$4,683.22 on Mod # 15 (PMC)					
4300	R425	Engineering, technical, program, logistic, administrative, and fabrication	1.0	LO	██████████	██████████	\$1,939,345.00

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 2 of 69	FINAL
----------------------------------	---	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		process support labor only (Award term 1) (Fund Type - TBD)					
430001	R425	Incremental funding in the amount of \$300,000 for labor in support of TI # 005 (ACRN B3) less deob of \$1,313.65 on Mod # 15 (PMC)					
430002	R425	Incremental funding in the amount of \$160,000 for labor in support of TI # 006 (ACRN B2) less deob of \$2,688.26 on Mod # 15 (PMC)					
430003	R425	Incremental funding in the amount of \$515,586 for labor in support of TI # 007 (ACRN B5) (PMC)					
430004	R425	Incremental funding in the amount of \$51,624 for labor in support of TI # 007 (ACRN B6) less deob of \$206.41 on Mod # 15 (FMS)					
430005	R425	Incremental funding in the amount of \$2,790 for labor in support of TI # 007 (ACRN B7) (FMS)					
430006	R425	Incremental funding in the amount of \$90,000 for labor in support of TI # 007 (ACRN B8) (Fund Type - OTHER)					
430007	R425	Incremental funding in the amount of \$15,000 for labor in support of TI # 003 (ACRN B3) (PMC)					
430008	R425	Incremental funding in the amount of \$60,000 for labor in support of TI # 003 less deob of \$673.64 on Mod # 18 leaving a balance of \$59,326.36 (ACRN B3) (PMC)					
430009	R425	Incremental funding in the amount of \$20,000 for labor in support of TI # 007 (ACRN B9) (PMC)					
430010	R425	Incremental funding in the amount of \$257,277 for labor in support of TI # 004 (ACRN C1) (PMC)					
430011	R425	Incremental funding in the amount of \$285,000 for labor in support of TI # 008 (ACRN C2) less deob of \$308.01 on Mod # 15 less deob of \$1,267.96 on					

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 3 of 69	FINAL
----------------------------------	---	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		Mod # 17 leaving a balance of \$283,424.03 (PMC)					
430012	R425	Incremental funding in the amount of \$34,600 for labor in support of TI # 007 (ACRN C4) (FMS)					
430013	R425	Incremental funding in the amount of \$47,468 for labor in support of TI # 004 (ACRN C1) (PMC)					
430014	R425	Incremental funding in the amount of \$100,000 for labor in support of TI # 010 (ACRN C5) (PMC)					
4400	R425	Engineering, technical, program, logistic, administrative, and fabrication process support labor only (Award Term 2) (PMC)	1.0	LO			\$2,379,889.00
440001	R425	Incremental funding in the amount of \$182,084.49 for labor in support of TI # 009 (ACRN C6) (PMC)					
440002	R425	Incremental funding in the amount of \$215,153.00 for labor in support of TI # 004 (ACRN C7) less deob of \$3,534.52 on Mod # 15 (PMC)					
440003	R425	Incremental funding in the amount of \$164,736 for labor in support of TI # 010 (ACRN C8) less deob of \$5,291.99 on Mod # 15 (PMC)					
440004	R425	Incremental funding in the amount of \$1,817,915.51 for labor in support of TI # 009 (ACRN C6) less deob of \$150,153.32 on Mod # 15 (PMC)					
4500	R425	Engineering, technical, program, logistic, administrative, and fabrication process support labor only (Award Term 3, CANCELLED) (PMC) Option	1.0	LO	\$0.00	\$0.00	\$0.00

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
6000	R425	Engineering, technical, program, logistic, administrative, and fabrication process support ODCs (Base Yr 1 & 2) (PMC)	1.0	LO	\$3,892,000.00

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 4 of 69	FINAL
----------------------------------	---	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
600001	R425	Incremental funding in the amount of \$370,000 for ODC's in support of TI # 002 (ACRN A2) (PMC)			
600002	R425	Incremental funding in the amount of \$57,000 for ODC's in support of TI # 002 (ACRN A3) (PMC)			
600003	R425	Incremental funding in the amount of \$450,000 for ODC's in support of TI # 002 (ACRN A6) (PMC)			
600004	R425	Incremental funding in the amount of \$450,000 for ODC's in support of TI # 001 (ACRN A7) (PMC)			
600005	R425	Incremental funding in the amount of \$700,000 for ODC's in support of TI # 002 (ACRN A7) (PMC)			
600006	R425	Incremental funding in the amount of \$225,000 for ODC's in support of TI # 001 (ACRN A8) (PMC)			
600007	R425	Incremental funding in the amount of \$300,000 for ODC's in support of TI # 001 (ACRN A9) (PMC)			
600008	R425	Incremental funding in the amount of \$1,300,000 for ODC's in support of TI # 002 (ACRN B1) less deob of \$1,967.40 on Mod # 15. Mod #16 Deob: \$95.23 from 1,298,032.60 leaving a balance of \$1,297,937.37. (PMC)			
600009	R425	Incremental funding in the amount of \$40,000 for ODC's in support of TI # 001 less deob of \$744.30 on Mod # 15 less deob of \$.04 on Mod # 18 leaving a balance of \$39,255.66 (ACRN B2) (PMC)			
6300	R425	Engineering, technical, program, logistic, administrative, and fabrication process support ODCs only (Award Term 1) (Fund Type - TBD)	1.0	LO	\$4,022,033.00
630001	R425	Incremental funding in the amount of \$390,000 for ODC's in support of TI # 005 (ACRN B3) (PMC)			
630002	R425	Incremental funding in the amount of \$100,000 for ODC's in support of TI # 006 less deob of \$4,110.24 on Mod # 15 less deob of \$8.55 on Mod # 18 leaving a balance of \$95,881.21(ACRN B2) (PMC)			
630003	R425	Incremental funding in the amount of \$90,000 for ODC's in support of TI # 007 (ACRN B4) (Fund Type - OTHER)			
630004	R425	Incremental funding in the amount of \$578,500 for ODC's in support of TI # 007 less deob of \$5,931.67 on Mod # 15 less deob of \$243.33 on Mod # 18 leaving a balance of \$572,325 (ACRN B5) (PMC)			
630005	R425	Incremental funding in the amount of \$28,000 for ODC's in support of TI # 003 less deob of \$3,381.90 on Mod # 15 less deob of \$1.06 on Mod # 18 leaving a balance of \$24,617.04 (ACRN B3) (PMC)			
630006	R425	Incremental funding in the amount of \$20,325 for ODC's in support of TI # 007 (ACRN B9) (PMC)			
630007	R425	Incremental funding in the amount of \$150,000 for ODC's in support of TI # 004 (ACRN C1) (PMC)			
630008	R425	Incremental funding in the amount of \$1,812.83 for ODC's in support of TI # 006 (ACRN C3) (PMC)			

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 5 of 69	FINAL
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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
630009	R425	Incremental funding in the amount of \$285,000 for ODC's in support of TI # 008 (ACRN C2) less deob of \$1,166.54 on Mod # 15 (PMC)			
630010	R425	Incremental funding in the amount of \$20,000 for ODC's in support of TI # 007 (ACRN C4) (FMS)			
630011	R425	Incremental funding in the amount of \$10,000 for ODC's in support of TI # 004 less deob of \$2,601.85 on Mod # 15 less deob of \$84.84 on Mod # 18 leaving a balance of \$7,313.31 (ACRN C1) (PMC)			
630012	R425	Incremental funding in the amount of \$10,000 for ODC's in support of TI # 010 (ACRN C5) less deob of \$9,864.64 on Modification #14 (PMC)			
6400	R425	Engineering, technical, program, logistic, administrative, and fabrication process support ODCs only (Award Term 2) (PMC)	1.0	LO	\$216,000.00
640001	R425	Incremental funding in the amount of \$13,331.49 for ODC's in support of TI # 009 (ACRN C6) (PMC)			
640002	R425	Incremental funding in the amount of \$16,000 for ODC's in support of TI # 010 (ACRN C8) less deob of \$11,108.78 on Mod # 15 (PMC)			
640003	R425	Incremental funding in the amount of \$186,668.51 for ODC's in support of TI # 009 (ACRN C6) less deob of \$4,432.60 on Mod # 15 (PMC)			
6500	R425	Engineering, technical, program, logistic, administrative, and fabrication process support ODCs only (Award Term 3, CANCELLED) (PMC)	1.0	LO	\$0.00
		Option			

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 6 of 69	FINAL
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SECTION C DESCRIPTIONS AND SPECIFICATIONS

Statement of Work
for
Professional Engineering, Technical
and Management Support Services

1.0 SCOPE

This Statement of Work (SOW) sets forth the requirements for non-personal engineering, technical, program, logistic, administrative, and fabrication process support for the Munitions Division, Joint Special Operations Response Department. The Munitions Division supports many Department of Defense (DOD) customers and industry partners, such as Navy, Army, Marine Corps, Air Force, and Coast Guard.

The tasking may include new systems, not yet identified, that will require engineering, design, drafting, prototyping, fabrication, and technical support. The workload includes, but is not limited to, the following areas: the Wheeled Tactical Vehicle (WTV) Support Shelter, Vehicle Automated Diagnostic System (VADS), Marine Corps Systems Command and Test Measurement and Diagnostic Equipment (MCSC TMDE).

The tasking will provide engineering, design, drafting, prototyping, fabrication, and technical support for the WTV Support Shelter system. The tasking for the VADS will include integration of hardware, testing of design producibility, upgrade of software, and sustainment of existing systems including required user training.

The efforts to be performed will include supporting national advocacy of mission focus areas, manufacturing initiatives and technology insertion, item performance and reliability, and logistics support. The support will also include a market survey/business case analysis of other manufacturing efforts underway within the DoD in order to identify additional opportunities for NSWC, Crane to obtain work share/engage in partnership ventures with manufacturing technology activities. The contractor shall interface between Defense Logistics Agency (DLA), NSWC, Crane and other activities in legacy equipment support of interconnect technology obsolescence as related to microelectronic components and printed wiring boards.

1.1. Background

In an effort to better support the warfighter, MCSC TMDE is providing funding to NSWC, Crane to test, train and otherwise support VADS and other Marine systems. The VADS is replacing the current Simplified Test Equipment for Internal Combustion Engines-Reprogrammable (STE/ICE-R). The contractor efforts are to support the hardware integration, software modification, testing and training of the equipment and systems.

VADS is a spiral development program with a need for several variants to support multiple armored weapon vehicles; the High Mobility Artillery Rocket System (HIMARS) and the HIMARS Re-supply Vehicle Marine Corps Variant are recent examples. The HIMARS development is also in spiral development, with the next generation vehicles introduced in late 2006. These new versions have the ability to receive messages from all Joint Variable Message

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 7 of 69	FINAL
----------------------------------	---	----------------------------------	-----------------	-------

Format Sensors. Other vehicles that VADS supports include the Light Armored Vehicle (LAV), Amphibious Assault Vehicle (AAV), Fast Attack Vehicle (FAV) and the Towed Howitzer (M777). It will be necessary to develop a minimum of 70 prototype VADS to meet the integration requirements of the various iterations for the different vehicle platforms. The current VADS (Version C--) being prototyped utilizes multiple configurations of mechanical relays on the Printed Circuit Boards, multiple options for the Data Bus ports (J1939, J1708, or J1850) and supports multiple sets of instrumentation capability, a choice of either a RS422 or a RS232 connects to an external laptop for diagnostic review and data collection. The next generation VADS (Version F) will be adapted to other unique vehicles as they are introduced into service. Some of these variants may become very specialized as users like MARSOC may expand their use of VADS to support specialized vehicles and weapon systems. This expansion demands extremely short turn-around-times for hardware and software development, integration, and fabrication. It will be necessary to develop a minimum of 130 prototype VADS to meet the integration requirements of the various iterations for the different evolving vehicle platforms. The VADS (Version F) being prototyped utilizes solid state relays on the Printed Circuit Boards, multiple options for the Data Bus ports (J1939, J1708, or J1850), supports multiple sets of instrumentation capability, a wireless connection to an external handheld display, and utilizes an internal CPU, thus eliminating the need for an external laptop.

NSWC, Crane performs engineering services, technical support services and limited logistic support services for the Marine Corps System Command (MARCORSYSCOM). The Marine Corps has determined they have a requirement for a vehicle support shelter that is capable of demounting damaged tires and wheels, and mounting new and repaired tires onto empty wheels. Currently, this work is performed using antiquated manual methods which are unsafe and labor intensive. This effort is intended to design and build a mobile support shelter for wheeled tactical vehicles with tire changing and repair equipment that will permit fewer repairmen to perform these tasks quicker, with less effort, and in much safer conditions for the operators. The WTV Support Shelter will support mobile and towed weapons systems, ordnance support, and ordnance transportation vehicles and equipment.

1.2. Applicable Paragraphs

The following paragraphs and functional service areas of SeaPort Enhanced (SeaPort-e) MAC are applicable to this Task Order (TO).

- 3.1 Research and Development Support
- 3.2 Engineering, System Engineering and Process Engineering Support
- 3.3 Modeling, Simulation, Stimulation, and Analysis Support
- 3.4 Prototyping, Pre-Production, Model-Making, and Fabrication Support
- 3.5 System Design Documentation and Technical Data Support
- 3.6 Software Engineering, Development, Programming, and Networking Support
- 3.7 Reliability, Maintainability and Availability (RM&A) Support
- 3.8 Human Factors, Performance and Usability Engineering Support
- 3.9 System Safety Engineering Support
- 3.10 Configuration Management (CM) Support
- 3.11 Quality Assurance (QA) Support
- 3.12 Information Systems (IS) Development, Information Assurance (IA) and Information Technology (IT) Support

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 8 of 69	FINAL
----------------------------------	---	----------------------------------	-----------------	-------

- 3.13 Inactivation and Disposal Support
- 3.14 Interoperability, Test and Evaluation, Trials Support
- 3.15 Measurement Facilities, Range, and Instrumentation Support
- 3.16 Logistic Support
- 3.17 Supply and Provisioning Support
- 3.18 Training Support
- 3.19 In-Service Engineering, Fleet Introduction, Installation, and Checkout Support
- 3.20 Program Support
- 3.21. Functional and Administrative Support

2.0 APPLICABLE DOCUMENTS

The contractor shall perform support tasks in accordance with applicable military standards, handbooks, performance specifications, and non-Government documents, as well as all project specific technical documentation and information as specified herein. Project specific documentation will be provided as Government Furnished Information (GFI). All references listed are assumed to be the latest revision as of the date of TO award. In the event of conflict between these documents and the contents of this SOW, the SOW shall be considered a superseding requirement.

The contractor shall recognize DoD's intent to utilize industry and/or commercial standards where possible. During the Period of Performance (POP) of this TO the DoD documents noted may be replaced by industry standards. Subsequently, the contractor shall recommend for government approval, utilization of those industry/commercial standards where possible during the remaining performance of this TO. It is noted that since this TO is in direct support of a wide variety of weapon systems, subsystem, equipment and components, DoD standards may apply even if superseded and/or replaced by industry/commercial standards.

2.1. Specifications-Mandatory Compliance

MIL-D-81992B	Directives, Technical: Preparation of
MIL-M-38784	Manuals, Technical, General Style and Format
MIL-DTL-31000	Technical Data Packages
MIL-PRF-29612B	Training Data Products
MIL-H-46855B	Human Engineering Requirements for Military Systems, Equipment and Facilities

2.2. Standards-Mandatory Compliance

DOD-STD-2101 No Rev.	Classification of Characteristics
MIL-STD-461F	Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment
MIL-STD-464A	Electromagnetic Environmental Effects Requirements for Systems
MIL-STD-470B	Maintainability Program for Systems and Equipment
MIL-STD-1472F Change 1	Human Engineering
MIL-STD-758C	Packaging Procedures for Submarine Support Items
MIL-STD-882D	Standard Practice for System Safety

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 9 of 69	FINAL
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MIL-STD-961E Change 1 Defense and Program-Unique Specifications Format and Content
MIL-STD-38784 No Rev Standard Practice for Manuals, Technical: General Style
Change Notice 1 and Format Requirements
IPC J-STD-001D Requirements for Soldered Electrical and Electronic Assemblies
Amendment 1

2.3. Other Publications and Regulations

ANSI C63.14-1998 American National Standard for Technologies of
Electromagnetic Compatibility (EMC), Electromagnetic
Pulse (EMP), and Electrostatic Discharge (ESD)
ASME Y14.100 2004 Engineering drawing Practices
ASME Y14.5M-94 Dimensioning and Tolerancing
ANSI EIA-649 National Consensus Standard for Configuration Management
MIL-HDBK-217F Reliability Prediction of Electronic Equipment
Change Notice 2
MIL-HDBK-235-1B Electromagnetic (Radiated) Environment Considerations
for Design and Procurement of Electrical and Electronic
Equipment, Subsystems and Systems
MIL-HDBK-237D Electromagnetic Environmental Effects and Spectrum
Supportability Guidance for the Acquisition Process3
MIL-HDBK-470B Designing and Developing Maintainable Products and Systems
MIL-HDBK-472 No Rev. Maintainability Prediction
Notice 1
MIL-HDBK-781A Reliability Test Methods, Plans, and Environments for
Engineering, Development Qualification, and Production,
Handbook of
MIL-HDBK-29612 2006 Training Data Products
Parts 1 – 5
29 CFR 1910 OSHA Standard for General Industry

2.4. Instructions and Directives

DOD-D-4151-9 DoD Technical Manual Program
DOD-D-5000.3 Joint Test and Evaluation
DOD 5200.1 DoD Information Security Program
DOD 5220.22M National Industrial Security Program Operating Manual
NAVSEAINST 3960.2D Test and Evaluation
NAVSEAINST 4130.12B Configuration Management (CM) Policy and Guidance
NSACRANEINST 5510.1 Information Personnel and Industrial Security Manual
NSACRANEINST 11100.1A NSA Crane Cold Weather/Snow/Ice Plan
CH-1
NSACRANEINST 11300.1A NSA Crane Energy Management Plan
NSACRANEINST 11320.2 Fire Protection Manual
NSWCCRANEINST Occupational Safety and Health Program Policy and
5100.5A Guidance
NSWCCRANEINST Transportation Services Policy
11240.1

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 10 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

OPNAVINST 1550.8M	Development, Review and Approval of New or Modified Training Curricula
OPNAVINST 5102.1D	Navy and Marine Corps Mishap and Safety Investigation Reporting and Record Keeping Manual
OPNAVINST 5239.2	Information Security Systems
SECNAVINST 5370.2J	Standards of Conduct Test Adapter Vehicle (TAV) Performance Specification
SL 3-10791 A	Analyzer Set, Vehicular (VADS)
PCN 123 107910 00	
ULSS 005297-15	Analyzer Set, Vehicular (VADS)
PCN 132 107910 00	
TM 10791 A-10/1	Analyzer Set, Vehicular (VADS)
PCN 184 107910 00	

3.0 REQUIREMENTS

As specified in this SOW, work to be performed, required data deliverables, and applicable governing documents shall be specifically described in Technical Instructions (TIs) to be placed against the TO by the Contracting Officer Representative (COR) and shall be within the parameters of one or more of the general tasks listed below. As required by TO, the contractor shall furnish all labor, facilities, material, test instrumentation, data collection and analysis, hardware and software except for that material, facilities, and equipment to be provided by the Government as Government Furnished Information (GFI), Government Furnished Material (GFM), Government Furnished Property (GFP), and Government Furnished Equipment (GFE). The contractor shall collect, analyze, assess, prepare, review, recommend, evaluate, develop, inspect, validate, and deliver data as required by TI.

3.1. Research and Development Support Services

The contractor shall conduct research and prepare business analyses to identify current trends in workload management. The contractor shall develop strategic, business, action and marketing plans for business development for systems and subsystems associated with the Munitions Division Equities. The contractor shall keep abreast of current technologies, changes and developments in processes and analyses relevant to the tasking in the SOW. The contractor shall be encouraged to attend training sessions/conferences/symposiums. The contractor personnel will be required to interact with Government, Industry, and Academic partner/customers in several forums. The work shall be conducted in a research and development manufacturing facility environment. Additional work requirements will likely include process documentation in an office setting, as well as technical exchanges and interactions in formal meetings and telephone conferencing.

3.1.1. Manufacturing Engineering Analyses

Utilizing GFI, the contractor shall review and analyze manufacturing technologies and/or processes both in Government and private sectors and provide a report to the Government on their application to Government system, subsystem, and equipment and component acquisitions. The contractor shall perform feasibility studies and investigate and resolve issues in the areas of

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 11 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

technology application and insertion, and item performance and reliability. The contractor shall review and analyze fabrication technologies and/or processes in both Government and private sectors and provide a report on their usability to Government acquisitions, development, and application for Government use. The contractor shall survey advanced technology approaches to similar problems both in Government and the private sector regarding production costs, manufacturing problems, and quality assurance and make recommendations to the Government.

3.2. Engineering, System Engineering and Process Engineering Support Services

The contractor shall provide engineering support for the design, development, test, evaluation, and engineering related processes for the procurement, production, maintenance, disposal, and related services for electronic and mechanical systems, subsystems, equipments, and components. The contractor shall perform engineering investigations to evaluate equipment operational reliability, maintainability, availability, logistics support, and configuration status in accordance with (IAW) applicable drawing specifications as specified on the TI. The contractor shall perform reverse engineering on electronic assemblies and deliver to the Government a design disclosure Technical Data Package (TDP). Details concerning the substitution of piece parts and requirements concerning logistic equivalency (exact reproductions) shall be provided. The contractor shall produce approximately 600 prototypes of hardware resulting from reverse engineering or new designs.

3.2.1. Design Engineering

The contractor shall provide engineering support in the following areas of military application and test vehicle development and demonstration: sensor technology, optic technology, material development, and material/process demonstrations. The contractor shall provide process engineering support services for electronic engineering interconnection fabrication and the electronic assembly fabrication process. The contractor shall support the update and modification including hardware and software. The contractor shall provide systems integration support for required equipment, systems, and existing software. The contractor shall provide acquisition engineering support for the integration of hardware necessary to modify, test, and transport units.

3.2.2. Engineering Analyses

Utilizing GFI, the contractor shall ensure all system requirements are satisfied by performing an analytical review of all available test data. The contractor shall ensure the adequacy of the detailed design by assessing the following: 1) electrical design (including schematic diagrams); 2) mechanical design; 3) electromagnetic compatibility (EMC); 4) power generation and grounding; 5) electrical and mechanical interface compatibility; 6) system safety engineering; 7) human engineering; and 8) software operation and maintenance. The contractor shall validate the design using, when applicable, interface control drawings, mock-ups, breadboards, prototype hardware, and design.

3.2.3. Electromagnetic Analysis

The contractor shall ensure the system design meets all electromagnetic interference (EMI), electromagnetic compatibility (EMC) requirements specified in the test adapter vehicle assembly

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 12 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

(TAV) performance specifications, and IAW TI and MIL-HDBK-235-1B, MIL-HDBK-237D, MIL-STD-461, ANSI C63.14 and MIL-STD-464A. The contractor shall establish EMI/EMC test plans and plan of actions & milestones (POA&M), if applicable, for completion of an EMI/EMC test. The contractor shall support NSWC, Crane in the integration, testing, and documentation of tire maintenance facilities and systems. The contractor will be provided an abstract performance specification and a baseline configuration as GFI. The contractor shall perform a market survey and obtain the necessary hardware to complement GFP and perform systems integration of all required hardware into deliverable prototype systems. It is anticipated that no more than ten to twenty prototypes will be developed.

3.2.4. Systems Integration

The contractor shall obtain the necessary hardware identified in the drawing package/system specification and hardware review and inventory to complement GFP and perform systems integration of all required hardware into deliverable prototype systems.

3.3. Modeling, Simulation, and Analysis Support Services

The contractor shall assist NSWC, Crane in the development and validation of performance models and industry studies associated to all warfighter systems. The contractor shall help ensure reliability growth, failure reporting, analysis, and corrective action system, and that reliability verification testing programs are established and adequate to verify equipment meets specified performance requirements. The contractor shall perform test planning and test execution tracking.

3.4. Prototyping, Pre-Production, Model-Making and Fabrication Support Services

The contractor shall provide support for the prototyping, pre-production, model-making, and fabrication techniques and processes to support the Munitions Division workload. The contractor shall provide all specialized certification or training for the handling of new materials or manufacturing processes to support division workload. The contractor shall possess the knowledge and ability to conduct and monitor testing, review and analyze test data, provide recommendations to the Government based on test results, and prepare reports, documents, and data sheets for each process or device tested. The contractor shall possess knowledge of fabrication techniques and practices. The contractor shall provide general fabrication support which includes small manufacturing quantities to build new design prototypes, models, or pre-production assemblies, sub-assemblies, or systems. The contractor shall provide draft modifications of changes in standard processes for Government review and implementation. Utilizing proper system engineering and GFI, the contractor shall support the fabrication and installation of upgrades to the prototype systems. The contractor shall obtain the necessary hardware and equipment for the upgrade installations.

3.5. System Design Documentation and Technical Data Support Services

The contractor shall prepare TDPs to meet the requirements of ASME Y14.5M-94, DOD-STD-2101, MIL-DTL-31000B and ASME Y14.100 or other commercial standard as specified in the TI. The contractor shall review technical data changes, provided as GFI or new design material, for technical accuracy, completeness, suitability, and adequacy for inclusion into the Technical documentation. The contractor shall have the capability to alter drawing originals,

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 13 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

sketches, or draft versions of the drawings provided as GFI using conventional drafting tools/equipment, computer-aided drafting (CAD) Systems or computer drafting/management systems such as engineering documentation management information and control system (EDMICS).

3.5.1. Data Package Preparation

The contractor shall develop and maintain TDPs. The contractor shall be able to take engineering sketches, provided as GFI, and develop conceptual and developmental drawing packages ensuring compliance to MIL-DTL-31000 and ASME Y14.5M. The contractor may be required to produce the TDPs in AutoCAD R14/2000 or Solid Edge. As required, the contractor may be required to generate production level TDPs. The contractor shall provide the TDP to the Government, for verification, and then must be able to incorporate redline changes and perform the necessary CM to ensure version control as specified by TI.

3.5.2. Associated Documentation

The contractor shall develop technical documentation to include drawings, wire lists, schematics, interface control drawings, shop drawings, process documentation, and integration drawings. Drawings shall be prepared using AutoCAD, Solid Edge or Pro/Engineer CAD software. The contractor shall review existing drawings and documentation for technical accuracy including geometric and dimensional (G&D) tolerancing, proper notes and specs, format, as well as correct part information. The contractor shall utilize GFI to provide developmental drawing and associated lists for systems, sub-systems, components, and parts. The contractor shall ensure all drawings are prepared IAW MIL-DTL-31000. All documentation shall be updated to remain current with each hardware development activity and phase. The contractor shall deliver to the Government any updated hardware, operations and support documents, engineering drawings, interface control drawings, and development drawings produced in support of the tasks in this SOW.

3.5.3. Inspection of Engineering Drawings

The contractor shall provide documentation for each identified prototype requirement, ensuring projection of associated material costs and timeline for completion of validation. The contractor shall provide documentation for each identified prototype as specified by TI and IAW the requirements of MIL-DTL-31000, DOD-STD-2101, ASME Y14.100, and ASME Y14.5M. The contractor, utilizing GFI in the form of drawings, shall perform drawing reviews to ensure validity that items/assemblies can be manufactured. The contractor shall identify and document any aspects not meeting Government requirements and provide recommendations with accompanying rationale on modifications to drawing packages to the Government.

3.5.4. Technical Manuals

Utilizing GFI, the contractor shall prepare and review a variety of technical documentation that supports, but is not limited to, the WTV Support Shelter, VADS, and MCSC TMDE. Documentation shall include approximately five technical manuals and/or changes to existing technical manuals. The technical manuals shall be prepared IAW DOD-D-4151-9 and MIL-STD-38784. The contractor shall gather pertinent data to recommend changes when

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 14 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

discrepancies are identified. The source material provided to the contractor as GFI may not be in the proper format as is desired for the final product. The contractor shall manipulate and embed graphic files for new, revised and formal changed documentation IAW existing procedures, standards and specifications. Technical manuals shall be electronically converted and linked. The contractor shall perform technical editing as required. The contractor shall ensure continuity of text, placement of tables, charts, artwork, manual structure, illustration, tabulated data and overall pagination. The contractor shall submit the manuals to the Government for review and approval.

3.5.5. Engineering Change Proposals (ECP's)

Utilizing GFI, the contractor shall analyze research and provide recommendations to the Government on updating ECP's IAW applicable regulations and instruction.

3.6. Software Engineering, Development, Programming and Network Support

Utilizing GFI, the contractor shall provide systems software engineering in performing operational software support for analysis and modification of new or existing system software to include self test, user interface and driver level software to maintain life cycle support of the VADS software.

3.6.1. Computer Resources Support

The contractor shall analyze system level requirements to verify that test definition, objectives, plans, and acceptance criteria are sufficient to validate system requirements and operational needs; validate software test results are in compliance with test acceptance criteria; perform traceability analysis between test designs, cases, procedures and execution results; and perform independent verification & validation (IV&V) functions.

3.6.2. Test Monitoring

The contractor shall attend tests performed at test sites, both Government and contractor, to review the appropriate test results. Monitoring may require use of specialized measuring devices and other highly sophisticated equipment provided as GFE. Particular attention shall be paid to ensure that test procedures are approved and followed, and that discrepancies occurring during tests are documented and corrected IAW approved test plans and resolved IAW with specified requirements. The contractor shall provide the documentation to the Government.

3.7. Reliability, Maintainability and Availability (RM&A) Support

Utilizing GFI, the contractor shall ensure all electronic and mechanical hardware items and software items meet the reliability, maintainability, and availability requirements specified in the technical specification and system requirements. The contractor shall identify unique maintenance procedures required for the configuration item (CI) during operational use and evaluate total effects on system maintenance concepts.

3.7.1. Maintainability

The contractor shall perform maintainability analyses IAW MIL-STD-470B, MIL-HDBK-472

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 15 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

and MIL-HDBK-470A. The contractor shall ensure the system is optimized from a maintenance and maintainability viewpoint and conforms to the planned maintenance concept. The contractor shall ensure hardware and software reliability meets all requirements in the specification. The contractor shall ensure hardware maintainability meets all requirements in the performance specification. The contractor shall identify unique maintenance procedures required for the CI during operational use and evaluate total effects on system maintenance concepts. The contractor shall ensure the system is optimized from a maintenance and maintainability viewpoint and conforms to the planned maintenance concept.

3.7.2. Reliability

The contractor shall provide services in support of all fielded versions of a system IAW MIL-STD-758C, MIL-HDBK-217 and MIL-HDBK-781A. These services include investigating safety problems reported by DOD customers to determine the root cause of the problem. Contractor shall provide an email to NSWC, Crane project manager upon receipt of DOD customer reports. A preliminary report will be provided to the NSWC, Crane project manager for problems that will require significant time and effort for investigation. Contractor shall provide a written report to the NSWC, Crane project manager upon completion of the investigation. The contractor shall provide follow on laboratory analysis/design as directed by the Navy to provide suggested product improvements, ECPs, or fixes to remedy reliability, quality, or safety problems identified in the field.

3.7.3. Engineering Investigations

The contractor shall provide on-site support to the customer units to investigate internal system problems or problems related to integration with other systems. The contractor shall provide on-site support to customer units to perform limited, specialized maintenance assistance. The contractor shall perform annual on-site visits to each customer unit that holds system assets. The contractor shall review the serviceability, general condition, and operational / maintenance status of each fleet maintenance facility (FMF) unit's system assets. The contractor shall provide NSWC, Crane project manager with the assessment of that status, including reliability, quality, and safety problems. Whenever possible, these visits will be held in conjunction with other activities at the fielding locations. Utilizing GFI and as specified in TI, the contractor shall prepare and review system, equipment and component manufacturing procedures, processes, methods and technologies for insertion into military hardware manufacturing and submit a report for evaluation. The contractor shall perform engineering investigations to evaluate item reliability, maintainability, and logistics support and report the results of such investigations along with recommendations and the basis for the recommendations to the Government.

3.7.4. Design Review

The contractor shall assist the Government with the evaluation of design to ensure performance specification conformance with regard to reliability, maintainability, availability and producibility. The contractor shall recommend vendor models and analyses regarding system reliability, availability, failure modes and effects analysis, failure allocation, bit, repair efficiency maintainability, and producibility. The contractor shall help ensure reliability growth, failure reporting, analysis, and corrective action system, and that reliability verification testing programs

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 16 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

are established and adequate to verify equipment meets specified performance requirements. The contractor shall perform test planning and test execution tracking. The contractor shall assist in the evaluation of delivered technical data, maintain technical data library, and distribute information as requested/required.

The contractor shall provide interconnection technology expertise to NSWC, Crane and various agencies as required on new and emerging products and processes for evaluation and implementation into military hardware. The contractor shall look for opportunities with industry and academia to partner on technology that will assure legacy system support and new technologies that will advance the technology in support of the warfighter.

3.8. Human Factors, Performance and Usability Engineering Support

The contractor shall evaluate and annotate Government furnished human engineering programs, analysis reports, test plans/procedures, and other human engineering related documentation. Evaluation shall be in compliance with MIL-H-46855B. The contractor shall check engineering drawings for design and compliance with MIL-STD-1472F Change 1, report discrepancies, and submit recommendations with supporting evidence for resolution. The contractor shall attend human engineering reviews and demonstrations, testing, and mockup/model reviews to record discrepancies, and formulate recommendations for resolution. The contractor shall ensure that operator controls, displays, and maintenance features are considered in the system designs. The contractor shall provide scientific and analytical support to ensure that the designs of electronic assemblies, subassemblies, or equipment are safer, more secure, and easier to use. The goal is to reduce accidents from human error, increase system integrity, and provide more efficient operations.

3.9. System Safety Engineering Support

Utilizing GFI, the contractor shall evaluate and annotate government furnished safety program plans, tracking procedures, hazard lists, safety evaluation and testing plans/procedures, reports, safety related ECPs, and other safety and hazard engineering documents. Evaluation shall be for compliance with MIL-STD-882D and other specified requirements. The contractor shall provide the documentation to the Government.

3.10. Configuration Management (CM) Support

The contractor shall develop specific elements of CM as specified by TI. All detailed requirements and CM management tasks shall be performed in compliance with the requirements of NAVSEAINST 4130.12 or as specified by the TI.

3.10.1. Configuration Management Planning

The contractor shall review and/or develop CM plans IAW NAVSEAINST 4130.12B, ANSI/EIA-649 or other specified requirements. Plans shall be reviewed for editorial and technical compliance with the governing specification. The contractor shall make recommendations with supporting rationale for change from source material and specific program requirements furnished by the Government as GFI. The contractor shall provide documentation to the Government.

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 17 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

3.10.2. Configuration Identification

The contractor shall annotate proposed agendas for CM technical reviews, attend technical reviews and document proceedings, and evaluate the responsiveness of the reviewed activity to requirements with supporting rationale as specified by the TI. Such reviews include the systems requirements review (SRR), system design review (SDR), production requirements review (PRR), preliminary design review (PDR), critical design review (CDR), test readiness review (TRR), and the formal qualification review (FQR), as defined by instructions and directives referenced in TI. The contractor shall provide the documentation to the Government.

3.10.3. Configuration Control

Utilizing GFI, the contractor shall review and analyze requests for deviations and waivers to determine the effects on production, configuration identification, operation, and logistics as configuration and design changes occur. The contractor shall also determine whether requests for minor deviations or waivers and Class II Engineering Changes are correctly categorized as defined in ANSI/EIA-649. The contractor shall submit reports to the Government on all such reviews, documenting the results with any change recommendations and supporting rationale. The contractor shall prepare ECPs, Engineering Change Orders (ECO), and Specification Change Notices (SCN) and other documents IAW ANSI-EIA-649 as specified TI. The contractor's CM personnel shall attend CM audits to ensure that CM plans are acceptable and are in effect. The contractor shall submit findings with supporting rationale to the Government.

3.10.4. Configuration Status Accounting

Utilizing GFI, the contractor shall provide configuration status accounting at NSWC, Crane Division sites, IAW instructions and directives as referenced in TI and using configuration status accounting data systems which requires mail and document input via filming/scanning and other means, mail distribution, document indexing, retrieval and distribution, production, maintenance and distribution of aperture cards and hard copy prints for TDPs. Production, maintenance, and distribution of electronic record TDPs on tape, CDROM or other yet-to-be-developed media shall not be precluded.

3.10.5. Configuration Audits

Utilizing GFI, the contractor shall provide support to Government configuration audit teams, by verifying and documenting that hardware and computer programs, CIs, and their configuration identification are accurate, complete (IAW specified requirements), adequate to establish the product baseline, and compatible with the next higher level design documentation IAW instructions and directives as referenced in the TI. For the functional configuration audit (FCA), the contractor shall review the CI's technical documentation and submit an analysis of comparison with its functional characteristics. Similarly, the contractor shall provide technical evaluation (TECHEVAL) in conducting a physical configuration audit (PCA) to ensure that the CIs physical configuration is in agreement with its documentation description. As specified in the individual TI, the contractor shall evaluate compliance of the technical documentation with ANSI/EIA-649, ASME Y14.100 2004, MIL-DTL-31000, MIL-STD-961, ASME Y14.5M, DOD-STD-2101, and MIL-STD-961E CHANGE 1. The contractor, as a participant with the Government on the audit team, shall determine the correlation of the "as built" configuration

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 18 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

with the release "as designed" configuration. Discrepancies and recommended corrective actions shall be documented according to procedures established by the audit team and submitted to the Government with the contractor's justification for recommendations and evaluation.

3.11. Quality Assurance Support

The contractor shall provide quality assurance services for requirements and other specifications and standards as specified by TI (e.g., ISO 9001:2000 or equivalent and related documents). With respect to systems, subsystems, equipment and components, these services may apply to any or all of the life cycle phases of the product. This requires the following: conceptual design phase, demonstration and validation phase, full scale engineering phase, production/deployment and operational support (new build as well as repair and refurbishment) phase, logistic support and disposal phase. Services provided by the contractor shall be in response to a quality assurance package of requirements identified by the individual TI. The requirements associated with a given TI may relate to the product, process, procedures, personnel, plant and/or plans identified with a specific body of work. The requirements package will be derived from a list of requirements defined in the individual TI.

3.11.1. Quality Assurance Analyses

The contractor shall perform quality assurance analyses and prepare quality assurance planning documentation on systems, subsystems, equipment and components as specified by TI and provide reports with recommendations and supporting data to the Government. These tasks require the assimilation of quality assurance data, preparation of quality assurance plans, evaluation of quality assurance data supplied by the Government, and other related tasks in accordance ISO 9001:2000 or equivalent and related documents and as required by TI. The contractor shall also attend quality assurance program reviews on specified systems, subsystems, equipment and components; record and report any discrepancies/ problems; and formulate recommendations, along with their respective justifications to resolve these discrepancies/ problems.

3.12. Information Systems (IS) Development, Information Assurance (IA) and Information Technology (IT) Support

The contractor shall provide IT support as specified by the TI. Support may include technology assessments; training curricula and systems; remote data acquisition; communications analyses; hardware and software analyses versus system requirements; computer-based systems analysis and simulation modeling; business case analysis; end user IT systems design, development, assessment and review of knowledge-based interactive electronic technical documentation; risk assessment; special projects including performing IT special projects, studies, analysis, and independent assessments and providing experts for studies, investigations, and other special needs; and database support including designing, developing, and maintaining complex databases using commercial off- the-shelf (COTS) software to support customer mission areas.

3.13. Inactivation and Disposal Support

Utilizing GFI, the contractor shall verify and validate that equipment received, shipped, or processed is listed on the correct Navy document (i.e. DD1149, DD1348, Custody Receipt documents, etc.). Equipment that is delivered or received must be verified by conducting a

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 19 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

comparison analysis for the disposition of the equipment. The contractor shall record all pertinent information on the proper inventory sheet, such as nomenclature, part number, national stock number (NSN), field changes, condition of equipment, etc, and enter this information into the reutilization database. Also, the contractor shall record information for items inducted and shipped by the production controller into the reutilization database. The contractor shall determine equipment received is the correct system equipment and categorize it as a unit, module, or locally replaceable unit (LRU) or identify it to the correct system. The proper inventory sheet shall be completed and data entered into the reutilization database. The contractor shall monitor retention level lists and provide reports and information to inform the reutilization manager and acquisition manager of receipt of better equipment available for exchange of older equipment already stored in supply.

3.14. Interoperability, Test and Evaluation, Trials Support

Utilizing GFI, contractor shall test and evaluate the system, subsystems, equipment, components, and software as specified by the TI and by test plans both locally and at other test sites and locations. As specified by the TI, the contractor may be required to prepare inputs for test plans; review test plans and procedures; conduct or monitor system, subsystem, equipment or component testing; adjust units under test; analyze test results; determine valid recommendations and conclusions based on test data; and prepare formal reports. The contractor shall also provide transportation for required test support equipment. The contractor shall develop system, subsystem, equipment, component, and software integration test plans from program requirements and information provided as GFI. As specified by the TI, the contractor shall submit the test plans and evaluations along with the rationale to the Government.

3.14.1. Test Plans and Procedures

The contractor shall develop system, subsystem, equipment and component test plans from program requirements and information provided as GFI. Such test plans may require:

Test and Evaluation Master Plans	DOD-D5000.3
Technical Evaluation (TECHEVAL) Plans	NAVSEAINST 3960.2D
Quality Evaluation (Surveillance) Test Plans	As Specified by TI
Quality Test Plans	As Specified by TI

Utilizing GFI, the contractor shall evaluate and annotate test plans originated by other agencies/contractors. Plans and procedures shall be evaluated for compliance with specified requirement; adequacy to demonstrate or control system, subsystem, equipment and component quality and performance; and for ease of implementation IAW detailed requirements specified by TI. The contractor shall submit an evaluation report on the adequacy of such plans and provide rationale and assumptions made to the Government.

3.14.2. Test Data Collection/Review Analysis

Utilizing GFI, the contractor shall collect, review and analyze system, subsystem, equipment, component or software test data and perform pre-test methodology analyses in the following categories:

- a. Development tests and evaluations (experimental, engineering, and demonstrations)

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 20 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

- b. Operational tests and evaluations (TECHVAL and OPEVAL)
- c. Production acceptance tests and evaluations (qualification, production acceptance, and factory/Government acceptance)
- d. Other testing

The contractor shall perform annual on-site visits to each DOD customer, which holds system assets. Review the serviceability, general condition, and operational / maintenance status of each customer system assets. Provide NSWC, Crane project manager with the assessment of that status, including reliability, quality, and safety problems. Whenever possible, these visits will be held in conjunction with other activities at the fielding locations.

The contractor shall provide project lead support for all system testing. Utilizing GFI, the contractor shall coordinate test plans, test site set-up and tear down, performance testing, test evaluation and quality assurance support. The contractor shall monitor testing to ensure compliance with the government approved test plan, note any/all discrepancies, and provide a written report along with recommendations and accompanying rationale to the Government.

3.15. Measurement Facilities, Range, and Instrumentation Support

The contractor shall conduct the associated operational verification tests to assure the operational integrity of the system or equipment. The contractor shall attend tests performed at both Government and contractor test sites to review the appropriate tests. Monitoring may require use of specialized measuring devices and other highly sophisticated equipment. Particular attention shall be paid to ensure that test procedures are approved and followed, and that discrepancies occurring during tests are documented and corrected IAW approved test plans and resolved IAW specified requirements. After each operation, the contractor shall provide a report to the Government regarding the results of the operation and the subsequent operational verification tests, including recommendations with justification for improving documentation and associated testing.

Utilizing GFI, the contractor shall analyze system level requirements to verify that test definition, objectives, plans, and acceptance criteria are sufficient to validate system requirements and operational needs; validate software test results are in compliance with test acceptance criteria; perform traceability analysis between test designs, cases, procedures and execution results; and perform verification & validation (V&V) functions. The contractor shall review, reduce, analyze and interpret raw data produced during test series. The contractor shall develop and provide both interim and final reports of laboratory/test site investigations to the Government. The contractor shall be required to integrate text and graphics into the final version as defined by TI.

3.16. Integrated Logistics Support (ILS)

The contractor shall perform ILS management and technical services for the system, subsystems, equipment and components specified by TI for each of the logistic elements as defined in the SOW. Utilizing GFI, the contractor shall analyze program support requirements to ensure that all requirements for ILS planning and implementation have been adequately addressed, and that planning adequately reflects known operational, design, and support requirements IAW current directives. The analysis shall include all areas of ILS needed for adequate assessment of Navy ILS planning, implementation, contractual obligations, and performance. ILS planning shall be

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 21 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

IAW applicable life cycle phase and milestone review requirements delineated in instructions and directives as referenced in the TI.

3.16.1. Integrated Support Plans

Utilizing GFI, the contractor shall generate, implement, review, and maintain integrated logistics support plans (ILSP). ILS planning shall be IAW instructions and directives as referenced in the TI. As specified by the TI, the contractor shall generate, implement, review, and maintain operational logistics support summaries (OLSS). All efforts shall address the standard elements of ILS. Logistics planning elements may be broken out and assigned as separate tasks by TI.

3.16.2. Logistic Support for Acquisition Plans

Utilizing GFI, the contractor shall review and document system acquisition plans for complete ILS requirements by life-cycle phase, and consolidate and incorporate these identified requirements into an ILS detail specification for the system, identifying specific program initiation, full-scale development, and production and deployment requirements. The ILS detail specification shall quantify support systems performance parameters and constraints necessary to achieve readiness objectives at the least cost IAW instructions and directives as referenced in the TI. The contractor shall provide to the Government for review and approval. Upon approval of the ILS detail specification by the Government, the contractor shall review and assess the acquisition package to ensure inclusion of all ILS requirements.

3.16.3. Logistic Support Analysis & Review

The contractor shall provide project lead support for system installation kits. Utilizing GFI, the contractor shall take fabricated and machined parts along with GFM to assemble system installation kits. Utilizing GFI, in the form of a system request, the contractor shall provide logistics support for shipment and tracking of installation kits. The contractor shall provide engineering research for acceptable substitutes for obsolete parts and perform analysis of government specifications to provide suitable commercial substitutes. The contractor shall provide tracking reports to the Government with recommendations for improvements.

3.17. Supply and Provisioning Support

The contractor shall provide the Supply Management Department Midwest (SMDMW) Code 410.14 3rd Party Logistics Department (3PL Department) with all acquisition and supply support requirements for components in support of fielded system accessory kits, installation kits or new design modification kits. Utilizing GFI, the SMDMW shall perform reviews, analyses, evaluations, and planning for packaging, handling, storage, and transportation considerations IAW the specifications or standards specified in support of this delivery order. Such analyses, reviews, and planning shall consider adequacy of levels of protection, preservation, container design, functionality, reusability, and marking. The 3PL Department shall conduct analyses in the areas of handling equipment, storage considerations, and transportability issues and make recommendations along with the supporting rationale for those recommendations to the Munitions Division, Joint Special Operations Response Department..

This functional area consists of supply and provisioning for the repair and maintenance actions

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 22 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

on electronic, mechanical, hydraulic equipment or systems. Technical support includes removal and installation, deployment, and performing recovery of decommission equipment and systems. Contractor shall perform technical assessment, testing, repair, and performance verification testing of modules, subassemblies, and system level equipment.

3.18. Training Support

Utilizing GFI, the contractor shall provide familiarization training to system users. Using the technical manual or system specifications as a guide, the contractor shall develop a rough draft training manual and provide to the Government for review and approval. The contractor shall also provide a hard copy of the training material to all personnel being trained. The contractor shall develop training plans as specified in the TI. Primarily, the courses shall be for Government instructors or other support agents, who will perpetuate the training in the Government. All findings and recommendations shall be documented with supporting information. The contractor shall develop training materials and courses according to MIL-PRF-29612, MIL-HDBK-29612, OPNAVINST 1500.8 or as specified in the TI for specified equipments and provide instructors for these courses. The contractor shall participate in contractor training conferences to evaluate the effect of new system training data and make recommendations, along with the supporting rationale, to the Government IAW the requirements of individual TI.

3.19. In-Service Engineering, Fleet Introduction, Installation and Check Out

Utilizing GFI, the contractor shall perform ship and aircraft checks IAW installation drawings and specifications in preparation for installation of new or refurbished equipment. The contractor shall annotate ship and aircraft class drawings accordingly; however, these annotations will not constitute a change to the drawing content. The contractor shall perform the installation of equipment IAW the applicable installation drawings and procedures as specified in the TI. The contractor shall conduct associated operational verification tests to assure operational integrity of the installed equipment. The contractor shall review equipment installation requirements and documentation and provide recommendations with justifications to the Government. The contractor shall receive, inventory and verify GFM such as spares, support equipment, technical data, fleet introductory material and modification kits for ship or aircraft outfitting at government furnished facilities (GFF) as specified by the individual TI.

The contractor shall provide in-service engineering and technical support to NSWC, Crane project manager and DOD customers for the in-service systems. The contractor shall maintain engineering / technical base of the in-service systems, update parts list for each system, provide engineering support in use of systems in the operational environment, key performance parameters, and interface to other systems. The contractor shall maintain liaison with all DOD customers, which hold system assets, and provide all pertinent information/data/findings/conclusions gained from interaction with customer units back to NSWC, Crane project manager.

The contractor shall review and evaluate electronic equipment, electronic components, and computer program design and design changes, provided as GFI, on systems to establish compliance with contract and mission requirements. This includes analyses to identify potential impacts on performance, reliability, maintainability, availability, user interface, logistics, schedule, and cost. The contractor shall participate with the Government in design review

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 23 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

meetings as required by the TI. The contractor shall provide written evaluation of design or design changes along with the rationale for evaluations after completing the analysis specified and provide the labor and materials to design and verify design changes to the Government.

3.20. Management Support Services

The contractor shall provide technical and management non-personal support IAW requirements set forth in individual TI.

3.20.1. Program Management Support

The contractor shall provide program management, production control, facilities management analysis, manufacturing analysis, and procurement support to programs, systems, and workload tasking. Utilizing GFI, the contractor shall analyze deficiencies and develop improvement plans, charts, and documents related to backlog tracking, backorder reporting, item manager queries, procurement processes, and repository support items. The reporting requirements shall be analyzed and compared to the current processes and provide recommendations to improve reporting data and information in a cost effective manner. The contractor shall gather and manage data required for developing reports, maintaining databases, and preparing documents (automated to the maximum possible) for submission to Navy managers and DOD customers on schedule and in the format required. The contractor shall research vendor sources for supplies, components, or system equipment to support the repair, replacement, procurement, or manufacture of electronic or mechanical systems or subsystems.

3.20.2. Program Plans and Documentation

The contractor shall provide program support for all system requirements. Utilizing GFI, the contractor shall develop, analyze, make recommendations, provide rationale for the recommendations, and provide technical and administrative support in preparing program plans and associated documentation. The contractor shall attend informal and formal program meetings/reviews as required. The contractor shall document the status of each action item from each review and audit as an addendum to the monthly progress/status report.

3.20.3. Meeting Coordination

Using GFI, the contractor shall provide program coordination support consisting of (a) coordinating schedules for meetings; (b) ensuring adequate facilities; (c) preparing briefing materials; and (d) presenting briefings at approximately nine meetings, four project reviews and two program conferences. The contractor shall maintain a central file of presentation materials, viewgraphs and briefing materials provided as GFI. The contractor shall participate in technical problem meetings, user conferences and program status reviews, and provide engineering support for decision making/planning meetings. Utilizing GFI, the contractor shall develop, review, update and provide recommendations for budgets, schedules, POA&Ms, databases, program and project plans. The contractor shall assist in the technical development of program and project plans and provide technical data support to implement plans upon government approval.

3.20.4. Corporate Management Support

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 24 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

The contractor shall provide support to review, develop, analyze, make recommendations, provide rationale for recommendations, and provide corporate management support. The contractor shall provide qualified personnel to attend design reviews, technical problem meetings, user conferences, industry and technical interchange meetings. The contractor may represent the government at meetings in the capacity of an advisor, presenter, expert, or listener. The contractor shall provide meeting coordination consisting of planning meetings, coordinating schedules with participants, and preparing agenda and briefing materials. The contractor shall review, develop, analyze, and make recommendation to the Government for strategic plans, technology transfer, and quality assurance.

3.21. Data Management Support

Utilizing GFI, the contractor shall provide IT related services set forth in the TI. These tasks encompass data management procedures in data record entry, reproduction, distribution, reporting and verification. The contractor shall provide support for IT and services as specified by the TI including programming support, web publishing, interactive software, systems administration and other tasks as assigned. The contractor shall provide administrative and clerical support for all system requirements.

4.0 GOVERNMENT FURNISHED ITEMS.

4.1. Government Furnished Information (GFI)

The Government will provide all applicable program technical documentation and information to the contractor as GFI. This includes technical manuals, training materials and information, drawings, specifications, procedures, processes, and quality system documents required for the performance of engineering, logistics, and technical support. A list of GFI can be found in Attachment 6. Additional GFI will be provided as required or at the request of the contractor or as specified by TI.

4.2. Government Furnished Material (GFM)

GFM, as specified by TI, will be provided when the Contractor has a requirement for special or specific Government material in the performance of specific tasking.

4.3. Government Furnished Equipment (GFE)

The Government will provide, as GFE, the following for the accomplishment of the tasks set forth in this SOW. The GFE will be provided to the Contractor within 2 weeks after award of the TO. Additional GFE will be provided as required or at the request of the contractor or as specified by TI.

The following GFE shall be provided to the contractor in support of the Task Order:

DESCRIPTION	NSN	MFG.	QTY	\$VALUE	TOTAL \$
Solid Tire Press	4940-01-550-8361	Wheel Systems	7	\$ 43,000	\$301,000
Diesel Air Compressor	4310-01-559-9006	Vanair	5	\$ 23,713	\$118,565
Truck Tire Changer	4910-01-543-0301	Hennessy Industries	4	\$ 17,648	\$ 70,592
Tire Spreader	4910-01-551-3459	Rema Tip-Top	4	\$ 4,650	\$ 18,600
Environmental Control	4120-01-526-1060	Nordic Air	5	\$ 18,400	\$ 92,000

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 25 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Unit
Expandable Shelter 5411-01-294-9866 2 \$223,219 \$446,438

Total dollar value of GFM to be provided is \$1,047,195.

4.4. Government Furnished Facilities (GFF)

The contractor shall be required to have a building and facilities within a 50 mile distance of the NSWC, Crane to allow commuting with a one hour drive. The contractor shall provide personnel to perform services at contractor facility; NSWC, Crane, building 2035; or any other off-site locations required to complete mission goals. Off-site locations may be in the continental United States or overseas locations. Contractor personnel at NSWC, Crane shall be authorized access to NMCI owned/Government owned equipment, which shall be utilized during the performance of tasks stated in this TO. This shall include, but not be limited to, a personal computer/printer with appropriate software (i.e., Microsoft Office, desk and use of telephone with long distance/voice mail capability for official Government business, as required.). Contractor personnel at NSWC, Crane may be required to periodically relocate as office areas are moved to conform to re-organizations within the NSWC, Crane Division or continuous improvement process changes to improve efficiency.

4.5. Government Owned Vehicles

The Government shall provide contractor access and authorization to operate Government owned vehicles for the purpose of transporting materials and documents to and from buildings within the NSWC, Crane confines. Government provided vehicles shall be used solely for the purposes as described in this SOW. All drivers must present proof of valid operator driver's license prior to operating a government vehicle. The contractor shall operate motor vehicles IAW NSWCCRANEINST 11240.1 or most recent instruction. All contractor personnel operating Government vehicles, to include materials handling equipment, shall be licensed in IAW provisions set forth IAW NSWCCRANEINST 11240.1 or most recent instruction, except when a valid state drivers license shall be accepted as proper authority for operation of commercial/administrative (non-tactical) vehicles up to and including 10,000 pounds gross vehicle weight upon completion of training courses as called out in NSWCCRANEINST 11240.1 or most current instruction. The contractor shall ensure contractor personnel have in their possession a valid US Government Motor Vehicle Operator's Identification Card (SF 46) or valid state driver's license, as applicable, when operating vehicles and equipment. Employees possessing a valid Government license need not be re-licensed. The contractor shall report any accidents involving motor vehicles or any other equipment IAW NSWCCRANEINST 11240.1 or most recent instruction.

4.6. Return of Government Furnished Items

All GFI, GFE, and GFM provided to or acquired by the contractor shall be returned to WXTQ upon completion of assigned tasking.

5.0 DELIVERABLES

All deliverables shall be completed and submitted in accordance with Contract Data Requirements Lists (CDRLs) and the requirements listed below. Final copies of deliverables shall be distributed to the following:

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 26 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

CONTRACTING OFFICER REPRESENTATIVE (COR)\ [REDACTED]
Code JXLL, Building 3373
300 Highway 361
Crane, IN 47522
[REDACTED]

Requiring Technical Activity (RTA): [REDACTED] e
Code WXTQ, Bldg 2035
300 Highway 361
Crane, IN 47522
[REDACTED]

[REDACTED]
Interconnect Technology Branch
Code GXST, Bldg. 3287E
[REDACTED]
[REDACTED]
[REDACTED]

5.1. Direct Incurred Costs/Direct Labor Hours Report (CDRL A001)

The contractor shall provide summary progress and status report on a semi-annual basis that summarizes the events, problems, progress and status of overall contract management initiatives and issues for the subject period.

Deliverable: The contractor shall submit a semi-annual report that summarizes events, problems progress and status of overall contract management initiatives and issues for the subject period.

The contractor shall ensure the following details are included for each specific TI.

- a. Contractor's full name
- b. Calendar date of the report
- c. Modification Number/TI Number
- d. Report number, starting with 001
- e. Calendar dates that the report covers.
- f. Total direct costs incurred during this period.
- g. Number of direct labor hours expended by the prime contractor during the period.

Frequency: Semi-Annually

Medium: Electronic format (Microsoft compatible format whenever possible). Unless the original format of the document is a requirement, contractor format is acceptable. Document shall be transmitted via-email or accessible via the internet.

Due Date: First submission is due NLT 30 calendar days after the close of semester period.

5.2. Monthly Progress, Status, and Management Report (CDRL A002)

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 27 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

The contractor shall provide a summary progress and status report on a monthly basis which identifies detailed work status and schedule status on on-going work, issues and recommendations. Separate status reports (or clearly separated sections within one report) shall be provided for each TI issued under which the contractor is performing work.

Deliverables: The contractor shall submit a Monthly Progress, Status and Management Report, in narrative form with graphics, as appropriate, to better define information. Contractor format is acceptable. The contractor shall ensure the following details are included for each specific TI: a summary of work performed and results obtained, current or projected problems and issues, an explanation of deviations from the last month's projections and any recommendations on the related effort.

Frequency: Monthly.

Medium: Electronic format (Microsoft compatible format whenever possible). Unless the original format of the document is a requirement, contractor format is acceptable. Document shall be transmitted via e-mail or accessible via the Internet.

Due Date: First submission is due NLT 45 calendar days after task order award and monthly thereafter.

5.3. Data Item Contract Funds Status Report (CDRL A003)

The contractor shall provide a Monthly Labor Hours Report, which shall be due with and shall accompany contractor's invoice, to the CONTRACTING OFFICER REPRESENTATIVE (COR).

Deliverable: The contractor shall submit the Monthly Labor Hours Report that lists the following information for each contractor employee assigned to the task and a summary for each tasking within the Task Order (TO), segregated by TI.

- a. Contractor's full name
- b. TO or Modification Number
- c. Labor Category
- d. Calendar dates of the report period.
- e. Authorized Period of Performance, e.g., 10/1/2008 through 3/12/2009
- f. Customer/Department
- g. Contractor's Manager/Task Leader/Resource Leader Full Name
- h. Total "Authorized" Funding
- i. Total "Cumulative to Date" Costs
- j. Total "Current Reporting Period" Costs
- k. Percent of Authorized Funding Expended to Date
- l. Total "Authorized" Labor Hours
- m. Total "Cumulative to Date" Labor Hours
- n. Total "Current Reporting Period" Labor Hours
- o. Percent of Authorized Labor Hours Expended to Date
- p. Unfunded Costs
- q. Funded Costs
- r. Balance of funded Dollars with Obligations
- s. Summary of Events, Problems and Status of Task for Reporting Period

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 28 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Frequency: Monthly.

Medium: Electronic format (Microsoft compatible format whenever possible). Unless the original format of the document is a requirement, contractor format is acceptable. Document shall be transmitted via e-mail or accessible via the Internet.

Due Date: First submission 30 days after task order award and monthly thereafter.

5.4. Automated Financial Tracking and Reporting System (CDRL A004)

The contractor shall provide a Web based financial reporting system in a contractor's format that is acceptable to the Government.

Deliverables: The contractor shall provide the Government with a web based financial reporting system in a contractor's format that is acceptable to the Government. The database is to be maintained current to within 3 working days. The database shall be available to authorized personnel via the Internet and shall be free of viruses. Authorized personnel will be identified in individual TIs.

Frequency: Current to within 3 working days.

Medium: Web Based (Microsoft compatible format whenever possible). Unless the original format of the document is a requirement, contractor format is acceptable. Document shall be accessible via the Internet.

Due Date: Database shall be established within 60 calendar days after the award of the TO. The database shall be maintained current to within 3 working days.

5.5. Technical Report-Study/Services –Trip Report (CDRL A005)

The contractor shall provide the Government with a trip report. Contractor format is acceptable.

Deliverables: Trip reports shall be provided to the Government. Report shall include Cover Sheet identifying TO, TI and CDRL Numbers.

Frequency: As Required. The Government shall provide notification of all required reports and associated due dates.

Medium: Electronic format (Microsoft compatible format whenever possible). Document shall be transmitted via e-mail or accessible via the Internet.

Due Date: Contractor shall provide a Trip Report with 10 days of completion of travel.

5.6. Technical Report-Study/Services Report (CDRL A006)

The contractor shall provide the Government with technical reports. Contractor format is acceptable.

Deliverables: Technical Reports including documentation, recommendations, summaries, status, and any other required report shall be provided to the Government.

Frequency: As Required. The Government shall provide notification of all required reports and

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 29 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

associated due dates.

Medium: Electronic format (Microsoft compatible format whenever possible). Document shall be transmitted via e-mail or accessible via the Internet.

Due Date: Contractor will be notified of specific due dates.

5.7. Presentation Materials (CDRL A007)

The contractor shall provide the Government with presentation material such as viewgraphs, photographs, slides, or other audiovisual aids to be used to present information. contractor format is acceptable.

Deliverables: The contractor shall provide the Government with viewgraphs, photographs, slides, or other audiovisual aids as well as any accompanying text to be used to present information during meetings, reviews, and briefings.

Frequency: As Required. The Government will provide notification of all required presentations and associated due dates.

Medium: Electronic format (Microsoft compatible format whenever possible). Document shall be transmitted via e-mail or accessible via the Internet.

Due Date: Contractor will be notified of specific due dates.

5.8. Conference Agenda (CDRL A008)

The contractor shall provide the Government with conference agenda. Contractor format is acceptable.

Deliverables: The conference agendas shall be provided to the Government.

Frequency: As Required. The Government will provide notification of all required reports and associated due dates.

Medium: Electronic format (Microsoft compatible format whenever possible). Document shall be transmitted via e-mail or accessible via the Internet.

Due Date: Contractor will be notified of specific due dates.

5.9. Conference Meeting Minutes (CDRL A009)

The contractor shall provide the Government with reports and records of meetings of any specified type. Contractor format is acceptable.

Deliverables: Meeting minutes, and reports shall provide the Government with fully documented records of the deliberations and actions resulting from these meetings.

Frequency: As Required. The Government will provide notification of all meeting support requirements.

Medium: Electronic format (Microsoft compatible format whenever possible). Document shall be transmitted via e-mail or accessible via the Internet.

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 30 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Due Date: Contractor will be notified of specific due dates.

5.10. Product Drawings and Associated Lists (CDRL A010)

The contractor shall provide the Government drawings in accordance with GFI. Contractor format is acceptable.

Deliverables: The contractor shall provide engineering drawings and documentation necessary to satisfy the Governments requirements for Level 1 (Conceptual and Development Design); Level 2 (Production Prototype and Limited Production); and Level 3 (Production).

Frequency: As Required. The Government will provide notification of all required engineering drawings, documents, file format types and associated due dates.

Medium: Electronic format (CAD/CAM files, Gerber files, MS word, or Adobe PDF file format). Documents shall be transmitted via e-mail or accessible via the Internet.

Due Date: Contractor will be notified of specific due dates.

5.11. Training Packages and Documentation (CDRL A011)

The contractor shall provide the Government with training packages and documentation. Contractor format is acceptable.

Deliverables: Training packages and documentation shall be provided to the Government.

Frequency: As Required. The Government shall provide notification of all requirements and associated due dates.

Medium: Electronic format (Microsoft compatible format whenever possible). Document shall be transmitted via e-mail or accessible via the Internet.

Due Date: Contractor will be notified of specific due dates.

5.12 TO Funding Notification Letter (CDRL B011)

Contractor shall provide TO Funding Notification Letter showing percentage funding expended by TI on this TO. An example of the TO Funding Notification Letter can be found at http://www.crane.navy.mil/acquisition/Funding%20Notification%20Letter%20Example%20visual%20chart_Jun%2009.doc.

Frequency: Monthly.

Medium: Electronic format (Microsoft compatible format whenever possible). Document shall be transmitted via e-mail or accessible via the Internet.

The Contractor is hereby required to provide CDRL B011 and the related funding notification letter to the Requiring Technical Activity (RTA); the CONTRACTING OFFICER REPRESENTATIVE (COR);, the Contracting Officer (KO), and [REDACTED]

Due Date: First submission is due NLT 30 calendar days after task order award and by 15th of each month thereafter.

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 31 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

6.0 SPECIAL CONDITIONS

The following special conditions shall apply to the contractor in the performance of the tasks of this task order:

6.1. Quality Assurance

The Government will monitor the contractor's TO work performance under this SOW by requiring progress reports, conducting on-site inspections, and inspecting contract deliverables for compliance to TI requirements.

6.2. Hours of Operation

The Contractor's hours of operation will be provided on each individual TI. If not so stated, then the hours will be 0730 to 1600, local time, Monday through Friday. The Contractor may be required to respond to an emergency requirement and work outside of regular working hours to perform the work required by the TO.

6.2.1. Flextime

The Contractor may be permitted to utilize a Flextime schedule for their employees working at NSWC, Crane Division if specified on individual TI. A Flextime schedule allows a starting time between the hours of 0630 and 0830, with a quitting time eight and one-half hours after the clock-in time (1500 to 1630). The Contractor may be required to respond to an emergency requirement and work outside of regular working hours to perform the work. Exceptions to the Flextime schedule may exist, and the Contractor will be notified by the COR of any permanent or temporary exceptions.

6.2.2. Compressed Work Schedule

The Contractor may be permitted to utilize a compressed work schedule for their employees working at NSWC, Crane Division if specified on individual TI. A compressed work schedule allows a starting time between the hours of 0600 and 0800 for eight of the ten workdays (nine hours per day), and between 0630 and 0800 for one of the ten workdays (eight-hour day), with a stopping time between the hours of 1530 and 1730. The Contractor's full-time employees shall adhere to the same number of hours each day for eight of the ten workdays (nine hours per day) during a biweekly pay period and for one eight-hour day during the same biweekly pay period. The Contractor's full-time employee is required to work 80 hours in a biweekly pay period and this work must be scheduled for fewer than 10 days in a biweekly pay period. In some cases, a Contractor employee may be required to remain on a non-compressed work schedule or to adjust Contractor employee work hours (arrival and departure time) to accommodate the needs of the organization that they support. The Contractor may be required to respond to an emergency requirement and work outside of regular working hours to perform the work. Exceptions to the compressed schedule may exist and the Contractor will be notified by the COR of any permanent or temporary exceptions.

6.3. Closed Days

All closed days will be designated by the Commander, NSWC, Crane Division. Closed days will be

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 32 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

associated with holidays, National Security and/or inclement weather/dangerous conditions. The Contractor will not be allowed to work on NSWC, Crane Division during designated closed days, unless they are deemed to be essential personnel. Essential personnel will be identified by the Government, and communicated to the Contractor prior to the designated closed day, and will be authorized by COR /KO approved TI.

6.3.1. Inclement Weather/Dangerous Conditions

When NSWC, Crane Division is closed by the Commander because of inclement weather conditions and/or dangerous conditions (NAWPNUSUPCENINST 11210.1), notification of the closing will be broadcast over local radio and television stations.

6.3.2. Holidays

A list of NSWC, Crane Division observed holidays and/or closed days in conjunction with the holidays will be published at the beginning of each calendar year. Contractor employees will not be allowed to work on NSWC, Crane Division on a holiday and/or closed day. Contractor management has the option of making a decision to allow its employees to work at an off-site satellite facility(s), if appropriate.

6.4. Security Classification

The contractor shall comply with security procedures and instructions as specified by the local Government Security Department and Section C, paragraph 5.0 of the SeaPort-e MAC. The nature of the work under this SOW is unclassified.

6.5. License, Certifications, and Training

The contractor is required to receive training and hold a valid license or certification for the operation of forklifts and other handling equipment (hoists, cranes, etc.), for performing soldering, and for any other specialized operations as required in support of the tasking set forth in this SOW. Training may be Government sponsored and conducted on-center, contractor sponsored and conducted at contractor's facilities, or vendor sponsored and conducted at vendor facilities. The following types of certification or training may be required to complete tasking as specified in the TI.

Solder Requirement

J-STD-001D
1PC610F
1PC7711
1PC7721
1PC/WHMA-A-620
2M Certification

Other

CPR Certification
AED Certification
Forklift Operator

6.6. Safety and Health

The requirements of this order may require Contractor personnel to come in contact or be exposed to hazardous conditions and materials. The Contractor shall abide by all applicable Federal, local, and state occupational safety and health requirements. The Government will provide Standard

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 33 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Operating Procedures (SOP) when applicable. The Contractor must have on record a corporate safety plan and shall provide a copy to the COR when instructed. The Contractor shall ensure all employees have appropriate Personal Protection Equipment (PPE). The Contractor shall ensure employees have all required training and certifications related to Occupational Safety and Health Requirements.

6.7. Control of Contractor Personnel

The Contractor shall comply with the requirements of NAVWPNSUPPCENINST 5510.1 and NAVWPNSUPPCENINST 5910.1. All persons engaged in work while on Government property shall be subject to search of their persons (no bodily search) and vehicles at any time by the Government, and shall report any known or suspected security violations to the NSWC, Crane Division Security Department. Assignment, transfer, and reassignment of Contractor personnel shall be at the discretion of the Contractor. However, when the Government directs, the Contractor shall remove from TO performance any person who endangers life, property, or national security through improper conduct. All Contractor personnel engaged in work while on Government property shall be subject to the Standards of Conduct contained in SECNAVINST 5370.2. Within 10 working days of TO award, the Contractor shall provide a list of employees working under this TO, containing employee names, security clearance levels, and labor categories. This list shall be updated and submitted to the Government within forty-eight hours after changes occur.

6.8. Identification Badges

The Contractor is required to obtain identification badges from the Government for access to Government facilities. The identification badge shall be visible at all times while employees are on NSWC, Crane property. The Contractor shall furnish all requested information required to facilitate issuance of identification badges and shall conform to applicable regulations concerning the use and possession of the badges. The Contractor shall be responsible for ensuring that all identification badges issued to Contractor employees are returned to the NSWC, Crane Security Department within forty-eight hours following the completion of the TO, relocation, or termination of an employee issued an identification badge, and upon request by the Contracting Officer.

6.9. Accident Reporting

The Contractor shall maintain an accurate record of and shall report all accidents to the COR and/or the NSWC, Crane Security Department as prescribed by OPNAVINST 5102.1, Navy and Marine Corps Mishap and Safety Investigation Reporting and Record Keeping Manual.

6.10. Smoking Regulations

Smoking on NSWC, Crane premises shall be in approved areas only in accordance with NAVFAC P-1021. Smoking in vehicles is prohibited.

6.11. Information Non-Disclosure

The contractor shall not disclose any information provided or developed under this TO outside the Government without prior approval from the COR. The contractor shall provide one (1) copy of the employee-signed non-disclosure statement to the COR prior to performing any work on this TO. The COR will retain one copy for the TO file.

6.12. Release of Information

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 34 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

All technical data provided to the Contractor shall be protected from the public. All other information relating to the items to be delivered and services to be performed under this TO may not be disclosed by any means without prior approval of the authorized representative of the Contracting Officer. Dissemination or public disclosure includes, but is not limited to, permitting access to such information by foreign nationals by any other person or entity, or publication of technical or scientific papers, or advertising or any other proposed public release. The Contractor shall provide adequate physical protection to such information so as to preclude access by any person or entity not authorized such access.

6.13. Privacy Act

Under US Code Title 5, Section 552, information accessed in completing this TO is subject to the Privacy Act.

6.14. Damage Reporting

The Contractor shall maintain an accurate record of and shall report to the COR all damages to Government furnished equipments and facilities as prescribed by OPNAVINST 5102.1.

6.15. Non-Personal Services

The Government will neither supervise Contractor employees nor control the method by which the Contractor performs the required tasks. Under no circumstances will the Government assign tasks to, or prepare work schedules for individual Contractor employees. It shall be the responsibility of the Contractor to manage its employees and to guard against any actions that are of the nature of personal services, or give the perception of personal services. If the Contractor feels that any actions constitute, or are perceived to constitute personal services, it shall be the Contractor's responsibility to notify the COR immediately. Support services under this contract shall not be used to perform work of a policy/decision making or management nature, i.e., inherently Governmental functions. All decisions relative to programs supported by the Contractor shall be the sole responsibility of the Government.

6.16. Travel

The contractor is required to travel in support of the tasking in this SOW. The contractor may be required to travel throughout the Continental United States (CONUS) and to locations outside of CONUS (OCONUS). Trip duration will normally not exceed five (5) working days plus the required transit time. Trip reports shall be provided within ten (10) working days of return from travel, or submitted with the monthly status report for the month in which the trips were taken. The contractor is authorized to use task order funds for travel in order to complete assigned tasking. JXM will determine travel destination, dates and purposes as schedules develop. Travel will be authorized by the COR via approved travel TIs. The contractor is authorized to purchase non-refundable airline tickets for required travel. The travel requirements listed below are expected but not limited to the number of trips, quantities of people, or duration. Additional trips may be required and will be identified by TI as required.

<u>Trips</u>	<u>People</u>	<u>Duration</u>	<u>From</u>	<u>To</u>
5	1	5 days	contractor Site	San Diego CA

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 35 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

12	1	5 days	contractor Site	Quantico VA
25	2	5 days	contractor Site	Camp Lejune NC
8	2	10 days	contractor Site	Okinawa, Japan
8	2	7 days	contractor Site	Camp Pendleton CA
10	2	7 days	contractor Site	Camp Lejuene NC
10	1	5 days	contractor Site	Huntsville AL

6.17. Incremental Funding

This task order will be funded incrementally.

6.18. CONTRACTING OFFICER REPRESENTATIVE (COR)

The COR for this task order is. [REDACTED]

6.19. Requiring Technical Activity (RTA)

The RTA Point of Contact is [REDACTED]

7.0 Place of Performance

The contractor shall be required to have a building and facilities within a 50 mile distance of the NSWC, Crane to allow commuting with a one hour drive. The contractor shall provide personnel to perform services at their facility, the NSWC, Crane or any other off-site locations required to complete mission goals. Contractor personnel at NSWC, Crane may be required to periodically relocate as office areas are moved to conform to re-organizations within the NSWC, Crane Division or continuous improvement process changes to improve efficiency.

7.1. Period of Performance

The initial award will be for a 2-year base period of performance (POP) with 3 one-year award terms. The POP, including award terms, is 5 years.

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 36 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

SECTION D PACKAGING AND MARKING

All provisions and clauses in SECTION D of the basic contract apply to this task order, unless otherwise specified in this task order.

DATA PACKAGING LANGUAGE (5503)

All unclassified data shall be prepared for shipment in accordance with best commercial practice.

Classified reports, data, and documentation shall be prepared for shipment in accordance with National Industrial Security Program Operating Manual (NISPOM), DOD 5220.22-M dated January 1995.

MARKING OF REPORTS (NAVSEA) (SEP 1990) (5506)

All reports delivered by the Contractor to the Government under this contract shall prominently show on the cover of the report:

- (1) name and business address of the Contractor
- (2) contract number
- (3) task order number
- (4) sponsor: _____
(Name of Individual Sponsor)

(Name of Requiring Activity)

(City and State)

PROHIBITED PACKING MATERIALS (5512)

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.

INSTRUCTIONS FOR MARKING DISTRIBUTION STATEMENT (5513)

The Contractor shall comply with the instructions cited below for placement of the distribution statement associated with data. The applicable distribution statement is identified on each Contract Data Requirements List (DD Form 1423-1). The distribution statement shall be displayed conspicuously on technical documents so as to be recognized readily by receipts.

The distribution statement shall appear on each front cover and title page of a report. If the technical document does not have a cover or title page, the applicable distribution statement shall be stamped or typed on the front page in a conspicuous position.

All Deliverables shall be packaged and marked IAW Best Commercial Practice.

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 37 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

SECTION E INSPECTION AND ACCEPTANCE

All provisions and clauses in SECTION E of the basic contract apply to this task order, unless otherwise specified in this task order.

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at DESTINATION.

INSPECTION AND ACCEPTANCE LANGUAGE FOR DATA (5602)

Inspection and acceptance of all data shall be as specified in the Contract Data Requirements List as described within the SOW.

GOVERNMENT FURNISHED MATERIAL (NAVSEA) (MAY 1995)

Government Furnished Material: When material is furnished by the Government, the contractor's procedures shall include at least the following:

- (a) Examination upon receipt, consistent with practicality, to detect damage in transit;
- (b) Inspection for completeness and proper type;
- (c) Periodic inspection and precautions to assure adequate storage conditions and to guard against damage from handling and deterioration during storage;
- (d) Functional testing, either prior to or after installation, or both, as required by contract to determine satisfactory operation;
- (e) Identification and protection from improper use or disposition; and
- (f) Verification of quantity.

Damaged Government Furnished Material: The contractor shall report to the Government representative any Government-furnished property found damaged, malfunctioning, or otherwise unsuitable for use. In event of damage or malfunction during or after installation, the contractor shall determine and record probable cause and necessity for withholding material from use. Bailed Property: The contractor shall, as required by the terms of the Bailment Agreement, establish procedures for the adequate storage, maintenance, and inspection of bailed Government property. Records of all inspections and maintenance performed on bailed property shall be maintained. These procedures and records shall be subject to review by the Government representative. [As used in the foregoing, the term "material" applies to Government-furnished equipment to be installed in or furnished with the end item. The term "property" is Government equipment that is used in the fabrication or assembly of the end item, and is not delivered as part of the end item.]

NOTE: Government representative means Contracting Officer

CLAUSES INCORPORATED BY REFERENCE

52.246-3 Inspection of Supplies-Cost Reimbursement MAY 2001
52.246-5 Inspection of Services-Cost Reimbursement APR 1984
252.246-7000 Material Inspection and Receiving Report MAR 2003

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 38 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

SECTION F DELIVERABLES OR PERFORMANCE

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

4000	8/11/2009 - 8/10/2013
4300	8/11/2011 - 8/10/2013
4400	8/11/2012 - 8/10/2013
6000	8/11/2009 - 8/10/2013
6300	8/11/2011 - 8/10/2013
6400	8/11/2012 - 8/10/2013

CLIN - DELIVERIES OR PERFORMANCE

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

4000	8/11/2009 - 8/10/2013
4300	8/11/2011 - 8/10/2013
4400	8/11/2012 - 8/10/2013
6000	8/11/2009 - 8/10/2013
6300	8/11/2011 - 8/10/2013
6400	8/11/2012 - 8/10/2013

The periods of performance for the Award Term Items are as follows:

4500	NOT AWARDED, TASK ORDER PERIOD OF PERFORMANCE ENDS 8/10/2013
6500	NOT AWARDED, TASK ORDER PERIOD OF PERFORMANCE ENDS 8/10/2013

Services to be performed hereunder will be provided at contractor's facility.

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 39 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

SECTION G CONTRACT ADMINISTRATION DATA

All provisions and clauses in SECTION G of the basic contract apply to this task order, unless otherwise stated herein.

TASK ORDER RATES

The following rates have been approved for this task order:

ITEM DESCRIPTION	APPROVED RATE
Fixed Fee for Prime Contractor Labor	██████████
Prime Contractor Fee for Subcontractor Labor	██████████
1% Volume Discount Reduction	██████████

SECURITY ADMINISTRATION

The nature of the work under this SOW is unclassified. The contractor shall comply with security procedures and instructions as specified by the local Government Security Department and Section C, paragraph 5.0 of the SeaPort-e MAC.

CONTRACTING OFFICER REPRESENTATIVE (COR)

████████████████████
300 Highway 361
Crane, IN 47522
████████████████████
████████████████████

In accordance with DFARS PGI 204.7108, the following language is hereby incorporated in Section G:

ACCOUNTING DATA

The award document will include Accounting Data at the end of Section G. All lines of accounting are listed sequentially under a heading that identifies the particular action (award or modification number) under which the funding was obligated. Under SeaPort-e, all funding is identified/obligated at the SubCLIN (SLIN) level. SLINs are established sequentially by the SeaPort-e software. Each obligation of funds receives a unique SLIN identifier, even if the funds are an increase to an existing line of accounting (ACRN). Thus, an individual project/work area or Technical Instruction that is funded incrementally could have one ACRN but multiple SLINs. Accounting for expenditures and invoicing at the SLIN level is required.

HQ G-2-0009 SUPPLEMENTAL INSTRUCTIONS REGARDING ELECTRONIC

INVOICING (NAVSEA) (SEP 2012)

(a) The Contractor agrees to segregate costs incurred under this contract/task order (TO), as applicable, at the lowest level of performance, either at the technical instruction (TI), sub line item number (SLIN), or contract line item number (CLIN) level, rather than on a total contract/TO basis, and to submit invoices reflecting costs incurred at that level. Supporting documentation in Wide Area Workflow (WAWF) for invoices shall include summaries of work charged during the period covered as well as overall cumulative summaries by individual labor categories, rates, and hours (both straight time and overtime)

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 40 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

invoiced; as well as, a cost breakdown of other direct costs (ODCs), materials, and travel, by TI, SLIN, or CLIN level. For other than firm fixed price subcontractors, subcontractors are also required to provide labor categories, rates, and hours (both straight time and overtime) invoiced; as well as, a cost breakdown of ODCs, materials, and travel invoiced. Supporting documentation may be encrypted before submission to the prime contractor for WAWF invoice submittal. Subcontractors may email encryption code information directly to the Contracting Officer (CO) and Contracting Officer Representative (COR). Should the subcontractor lack encryption capability, the subcontractor may also email detailed supporting cost information directly to the CO and COR; or other method as agreed to by the CO.

(b) Contractors submitting payment requests and receiving reports to WAWF using either Electronic Data Interchange (EDI) or Secure File Transfer Protocol (SFTP) shall separately send an email notification to the COR and CO on the same date they submit the invoice in WAWF. No payments shall be due if the contractor does not provide the COR and CO email notification as required herein.

252.232-7006 Wide Area WorkFlow Payment Instructions.

As prescribed in 232.7004(b), use the following clause:

WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (MAY 2013)

(a) Definitions. As used in this clause— “Department of Defense Activity Address Code (DoDAAC)” is a six position code that uniquely identifies a unit, activity, or organization.

“Document type” means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

“Local processing office (LPO)” is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) Electronic invoicing. The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

(c) WAWF access. To access WAWF, the Contractor shall—

(1) Have a designated electronic business point of contact in the System for Award Management at <https://www.acquisition.gov>; and

(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this web site.

(d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the “Web Based Training” link on the WAWF home page at <https://wawf.eb.mil/>

(e) WAWF methods of document submission. Document submissions may be via web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) WAWF payment instructions. The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) Document type. The Contractor shall use the following document type(s).

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 41 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

_____ Cost Voucher _____

Note: If a "Combo" document type is identified but not supportable by the Contractor's business systems, an "Invoice" (stand-alone) and "Receiving Report" (stand-alone) document type may be used instead.)

(2) Inspection/acceptance location. The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer.

_____ N/A _____

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Routing Data Table*

Field Name in WAWF	Data to be entered in WAWF
Pay Official DoDAAC	HQ0338
Issue By DoDAAC	N00178
Admin DoDAAC	S2404A
Inspect By DoDAAC	N00164
Ship To Code	N/A
Ship From Code	N/A
Mark For Code	N/A
Service Approver (DoDAAC)	N00164
Service Acceptor (DoDAAC)	N00164
Accept at Other DoDAAC	N/A
LPO DoDAAC	N00164 (Vendor Pay)
DCAA Auditor DoDAAC	N/A
Other DoDAAC(s)	N/A

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the e-mail address identified below in the "Send Additional Email Notifications" field of WAWF once a document is submitted in the system.

(g) WAWF point of contact.

(1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 42 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

CONTRACT ADMINISTRATION DATA LANGUAGE (5802)

Enter below the address (street and number, city, county, state and zip code) of the Contractor's facility which will administer the task order if such address is different from the address shown on the proposal.

Address: _____

Street & number: _____

City & State: _____

County: _____

Zip Code: _____

CONTRACTOR PERFORMANCE ASSESSMENT RATING SYSTEM (CPARS) (JAN 2001)

- a) Pursuant to FAR 42.1502, this task order is subject to DoD's Contractor Performance Assessment Rating System (CPARS). CPARS is an automated centralized information system accessible via the Internet that maintains reports of contractor performance for each contract/task order. CPARS is located at <http://www.cpars.navy.mil/>. Further information on CPARS is available at that web-site.
- b) Under CPARS, the Government will conduct annual evaluations of the contractor's performance. The contractor has thirty (30) days after the Government's evaluation is completed to comment on the evaluation. The opportunity to review and comment is limited to this time period and will not be extended. Failure to review the report at this time will not prevent the Government from using the report.
- c) The contractor may request a meeting to discuss the CPAR. The meeting is to be requested via e-mail to the CPARS Program Manager no later than seven days following receipt of the CPAR. A meeting will then be held during the contractor's 30-day review period.
- d) The CPARS system requires the Government to assign the contractor a UserID and password in order to view and comment on the evaluation. Provide the name(s) of at least one individual (not more than three) that will be assigned as your Defense Contractor Representative for CPARS.

PURCHASING OFFICE REPRESENTATIVE LANGUAGE

PURCHASING OFFICE REPRESENTATIVE:

Donna Reynolds, CXNM-SD
300 Highway 361
Crane, IN 47522
donna.reynolds@navy.mil
812-854-6104

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 43 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

CONSENT TO SUBCONTRACT

For subcontracts and consulting agreements for services, where the prime contractor anticipates that hours delivered will be counted against the hours in the proposed Level of Effort, Consent to Subcontract authority is retained by the Procuring Contracting Officer.

The following subcontractors are approved on this Task Order:

APPROVED SUBCONTRACTOR LIST

**Dearborn Group, Inc.
Lewis Innovative Technologies, Inc.
LHP Software
RetSoft Systems, LLC
Tri Star Engineering**

ADDED SUBCONTRACTOR LIST

Subcontractor

Tri County Steel, Incorporated

EXPEDITING CONTRACT CLOSEOUT (NAVSEA) (DEC 1995)

a) As part of the negotiated fixed price or total estimated amount of this contract, both the Government and the Contractor have agreed to waive any entitlement that otherwise might accrue to either party in any residual dollar amount of \$500 or less at the time of final contract closeout. The term "residual dollar amount" shall include all money that would otherwise be owed to either part at the end of the contract except that, amounts connected in any way with taxation, allegations of fraud and/or antitrust violations shall be excluded. For purposes of determining residual dollar amounts, offsets of money owed by one party against money that would otherwise be paid by that party may be considered to the extent permitted by law.

b) This agreement to waive entitlement to residual dollar amounts has been considered by both parties. It is agreed that the administrative costs for either part associated with collected such small dollar amounts could exceed the amount to be recovered.

Accounting Data

SLINID	PR Number	Amount

400001		155502.00
LLA :		
A1 1771109 4747 250 67854 0 067443 2D 474753 7RC74628164M		
Standard Number: M9545007RC74628 AA		
Req No. 91971091		
NOTE: Funds expire 30 September 2009. The contractor may continue to invoice after this date, but only for work performed up through and including 30 September 2009.		
400002		875000.00
LLA :		
A2 1791109 4181 250 67854 067443 2D 418105 9RC9419216WV		

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 44 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Standard Number: M9545009RC94192 AA

Req No. 92085443

NOTE: Funds expire 31 December 2009. The contractor may continue to invoice after this date, but only for work performed up through and including 31 December 2009.

600001 370000.00

LLA :

A2 1791109 4181 250 67854 067443 2D 418105 9RC9419216WV

Standard Number: M9545009RC94192 AA

Req No. 92011915

NOTE: Funds expire 31 December 2009. The contractor may continue to invoice after this date, but only for work performed up through and including 31 December 2009.

600002 57000.00

LLA :

A3 97X4930 NC2A 000 74004 067004 1C 067004 74109MP90016

Standard Number: M9855109MP90016 AA

Req No. 92085463

BASE Funding 1457502.00

Cumulative Funding 1457502.00

MOD 01

400003 668001.00

LLA :

A4 1781109 4181 250 67854 067443 2D 4181K2 9RC84C371672

Standard Number: M6785409RC84C37 AA

Req No. 92909837

NOTE: Funds expire 30 September 2010. The contractor may continue to invoice after this date, but only for work performed up through and including 30 September 2010.

400004 2750000.00

LLA :

A5 1791109 4181 250 67854 067443 2D 4181S9 9RC945131675

Standard Number: M6785409RC94513 AA

Req No. 92909842

Funding in support of TI-002.

NOTE: Funds expire 31 December 2010. The contractor may continue to invoice after this date, but only for work performed up through and including 31 December 2010.

600003 450000.00

LLA :

A6 1791109 4181 250 67854 067443 2D 4181S9 9RC945121675

Standard Number: M6785409RC94512 AA

Req No. 92909844

Funding in support of TI-002.

NOTE: Funds expire 31 December 2010. The contractor may continue to invoice after this date, but only for work performed up through and including 31 December 2010.

MOD 01 Funding 3868001.00

Cumulative Funding 5325503.00

MOD 02

400005 62960.00

LLA :

A7 1791109 4181 250 67854 067443 2D 4181S9 0RC948661675

Standard Number: M6785410RC94866 (AA)

Req No. 93431045

NOTE: Funds expire 31 December 2010. The contractor may continue to invoice after this date, but only for work performed up through and including 31 December 2010.

400006 25000.00

LLA :

A8 1791109 4181 250 67854 067443 2D 4181S9 0RC94A561675

Standard Number: M6785410RC94A56 (AA)

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 45 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Req No. 93500401

NOTE: Funds expire 31 March 2011. The contractor may continue to invoice after this date, but only for work performed up through and including 31 March 2011.

600004 450000.00

LLA :

A7 1791109 4181 250 67854 067443 2D 4181S9 ORC948661675

Standard Number: M6785410RC94866 (AA)

Req No. 93431122

NOTE: Funds expire 31 December 2010. The contractor may continue to invoice after this date, but only for work performed up through and including 31 December 2010.

600005 700000.00

LLA :

A7 1791109 4181 250 67854 067443 2D 4181S9 ORC948661675

Standard Number: M6785410RC94866 (AA)

Req No. 93431163

Funding in support of TI-002.

NOTE: Funds expire 31 December 2010. The contractor may continue to invoice after this date, but only for work performed up through and including 31 December 2010.

600006 225000.00

LLA :

A8 1791109 4181 250 67854 067443 2D 4181S9 ORC94A561675

Standard Number: M6785410RC94A56 (AA)

Req No. 93500481

Funding in support of TI-001.

NOTE: Funds expire 31 March 2011. The contractor may continue to invoice after this date, but only for work performed up through and including 31 March 2011.

MOD 02 Funding 1462960.00

Cumulative Funding 6788463.00

MOD 03

400007 524000.00

LLA :

A9 1701109 4181 250 67854 067443 2D 418105 ORC0418916WV

Standard Number: M6785410RC04189 (AA)

Reqn No. 00580101

NOTE: Funds expire 31 March 2011. The contractor may continue to invoice after this date, but only for work performed up through and including 31 March 2011.

400008 1000000.00

LLA :

A9 1701109 4181 250 67854 067443 2D 418105 ORC0418916WV

Standard Number: M6785410RC04189 (AA)

Reqn No. 00767841

Funding in support of TI-001.

NOTE: Funds expire 01 June 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4000, whichever occurs first.

600007 300000.00

LLA :

A9 1701109 4181 250 67854 067443 2D 418105 ORC0418916WV

Standard Number: M6785410RC04189 (AA)

Req No. 00580102

Funding in support of TI-001.

NOTE: Funds expire 31 March 2011. The contractor may continue to invoice after this date, but only for work performed up through and including 31 March 2011.

MOD 03 Funding 1824000.00

Cumulative Funding 8612463.00

MOD 04

400009 2220000.00

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 46 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

LLA :

B1 1701109 6544 310 67854 067443 2D 6544BS ORC06549155C

Standard Number: M6785410RC06549 (AA)

Reqn No. 00967662

Funding in support of TI-002.

NOTE: Funds expire 30 September 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4000, whichever occurs first.

600008 1300000.00

LLA :

B1 1701109 6544 310 67854 067443 2D 6544BS ORC06549155C

Standard Number: M6785410RC06549 (AA)

Reqn No. 00967601

Funding in support of TI-002.

NOTE: Funds expire 30 September 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6000, whichever occurs first.

MOD 04 Funding 3520000.00

Cumulative Funding 12132463.00

MOD 05

600009 40000.00

LLA :

B2 1711109 4181 253 67854 067443 2D 418105 1RC1455016WV

Standard Number: M6785411RC14550 (AA)

Reqn No. 11542528

Funding in support of TI-001.

NOTE: Funds expire 31 December 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6000, whichever occurs first.

MOD 05 Funding 40000.00

Cumulative Funding 12172463.00

MOD 06

430001 300000.00

LLA :

B3 1711109 4181 253 67854 067443 2D 4181B1 1RC145261649

Standard Number: M6785411RC14526 (AA)

Reqn No. 11831601

Funding in support of TI-005.

NOTE: Funds expire 30 September 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4300, whichever occurs first.

430002 160000.00

LLA :

B2 1711109 4181 253 67854 067443 2D 418105 1RC1455016WV

Standard Number: M6785411RC14550 (AA)

Reqn No. 11831603

Funding in support of TI-006.

NOTE: Funds expire 31 December 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4300, whichever occurs first.

430003 515586.00

LLA :

B5 1711109 4181 252 67854 067443 2D 418105 1RC1454916WV

Standard Number: M6785411RC14549 (AA)

Reqn No. 11831612

Funding in support of TI-007.

NOTE: Funds expire 31 March 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4300, whichever occurs first.

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-04-D-4119	N00178-04-D-4119-FC23	18	47 of 69	

430004 51624.00
 LLA :
 B6 97-11X8242 2828 000 74282 0 065916 2D PLEA9N 0252 8022 0LAU
 Standard Number: M6785411RCF0062 (AA)
 Reqn No. 11831613
 Funding in support of TI-007.
 FMS Case No LE-P-LAU

430005 2790.00
 LLA :
 B7 97-11X8242 2828 000 74282 0 065916 2D PLEA9N 0252 8023 0LAU
 Standard Number: M6785411RCF0062 (AB)
 Reqn No. 11831614
 Funding in support of TI-007.
 FMS Case No LE-P-LAU

430006 90000.00
 LLA :
 B8 1711106 1A2A 252 67854 067443 2D M67854 1RCAAD9450LS
 Standard Number: M6785411RCAAD94 (AA)
 Reqn No. 11895011
 Funding in support of TI-007.
 NOTE: Funds expire 30 September 2011. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4300, whichever occurs first.

430007 15000.00
 LLA :
 B3 1711109 4181 253 67854 067443 2D 4181B1 1RC145261649
 Standard Number: M6785411RC14526 (AA)
 Reqn No. 11895022
 Funding in support of TI-003.
 NOTE: Funds expire 30 September 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4300, whichever occurs first.

430008 60000.00
 LLA :
 B3 1711109 4181 253 67854 067443 2D 4181B1 1RC145261649
 Standard Number: M6785411RC14526 (AA)
 Reqn No. 11895032
 Funding in support of TI-003.
 NOTE: Funds expire 30 September 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4300, whichever occurs first.

430009 20000.00
 LLA :
 B9 1711109 7000 253 67854 067443 2D 700007 1RC17806162J
 Standard Number: M6785411RC17806 (AA)
 Reqn No. 11895037
 Funding in support of TI-007.
 NOTE: Funds expire 30 September 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4300, whichever occurs first.

430010 257277.00
 LLA :
 C1 1711109 4181 252 67854 067443 2D 418105 1RC1455116WV
 Standard Number: M6785411RC14551 (AA)
 Reqn No. 12075781
 Funding in support of TI-004.
 NOTE: Funds expire 31 December 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4300, whichever occurs first.

630001 390000.00
 LLA :
 B3 1711109 4181 253 67854 067443 2D 4181B1 1RC145261649

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 48 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Standard Number: M6785411RC14526 (AA)

Reqn No. 11831602

Funding in support of TI-005.

NOTE: Funds expire 30 September 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

630002 100000.00

LLA :

B2 1711109 4181 253 67854 067443 2D 418105 1RC1455016WV

Standard Number: M6785411RC14550 (AA)

Reqn No. 11831604

Funding in support of TI-006.

NOTE: Funds expire 31 December 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

630003 90000.00

LLA :

B4 1711106 1A2A 252 67854 067443 2D M67854 1RCAAD9450LS

Standard Number: M6785411RCAAD94 (AA)

Reqn No. 11831610

Funding in support of TI-007.

NOTE: Funds expire 30 September 2011. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

630004 578500.00

LLA :

B5 1711109 4181 252 67854 067443 2D 418105 1RC1454916WV

Standard Number: M6785411RC14549 (AA)

Reqn No. 11831611

Funding in support of TI-007.

NOTE: Funds expire 31 March 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

630005 28000.00

LLA :

B3 1711109 4181 253 67854 067443 2D 4181B1 1RC145261649

Standard Number: M6785411RC14526 (AA)

Reqn No. 11895030

Funding in support of TI-003.

NOTE: Funds expire 30 September 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

630006 20325.00

LLA :

B9 1711109 7000 253 67854 067443 2D 700007 1RC17806162J

Standard Number: M6785411RC17806 (AA)

Reqn No. 11895041

Funding in support of TI-007.

NOTE: Funds expire 30 September 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

630007 150000.00

LLA :

C1 1711109 4181 252 67854 067443 2D 418105 1RC1455116WV

Standard Number: M6785411RC14551 (AA)

Reqn No. 12075789

Funding in support of TI-004.

NOTE: Funds expire 31 December 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

MOD 06 Funding 2829102.00

Cumulative Funding 15001565.00

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 49 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

MOD 07

430011 285000.00

LLA :

C2 1791109 2038 310 67854 067443 2D 203803 1RC92P80215E

Standard Number: M6785411RC92P80 (AA)

Reqn No. 12075864

Funding in support of TI-008.

Note: 10 U.S.C. 2410a Authority is applicable. Contractor may incur costs for work performed against this SLIN for 365 days from effective date of modification # 07, or through the end date of the period of performance for CLIN 4300, whichever occurs first. Contractor may continue to invoice after the ending date, but only fo

430012 34600.00

LLA :

C4 97X4930.NH1J 000 77777 0 000164 2F 000000 J7600GJ7Q235

Reqn No. 12701902

Funding in support of TI-007.

FMS Case No. H2-P-LAT

430013 47468.00

LLA :

C1 1711109 4181 252 67854 067443 2D 418105 1RC1455116WV

Standard Number: M6785411RC14551 (AA)

Reqn No. 12701904

Funding in support of TI-004.

NOTE: Funds expire 31 December 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4300, whichever occurs first.

630008 1812.83

LLA :

C3 1701109 4181 250 67854 067443 2D 4181BS 0RC04A57164B

Standard Number: M6785410RC04A57 (AA)

Reqn No. 11831608

Funding in support of TI-006.

NOTE: Funds expire 31 December 2011. The contractor may continue to invoice after this date, but only for work performed up through and including 31 December 2011.

630009 285000.00

LLA :

C2 1791109 2038 310 67854 067443 2D 203803 1RC92P80215E

Standard Number: M6785411RC92P80 (AA)

Reqn No. 12077384

Funding in support of TI-008.

Note: 10 U.S.C. 2410a Authority is applicable. Contractor may incur costs for work performed against this SLIN for 365 days from effective date of modification # 07, or through the end date of the period of performance for CLIN 6300, whichever occurs first. Contractor may continue to invoice after the ending date, but only fo

630010 20000.00

LLA :

C4 97X4930.NH1J 000 77777 0 000164 2F 000000 J7600GJ7Q235

Reqn No. 12701903

Funding in support of TI-007.

FMS Case No. H2-P-LAT

630011 10000.00

LLA :

C1 1711109 4181 252 67854 067443 2D 418105 1RC1455116WV

Standard Number: M6785411RC14551 (AA)

Reqn No. 12701906

Funding in support of TI-004.

NOTE: Funds expire 31 December 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 50 of 69	FINAL
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MOD 07 Funding 683880.83
Cumulative Funding 15685445.83

MOD 08 Funding 0.00
Cumulative Funding 15685445.83

MOD 09

430014 1300267600 100000.00

LLA :

C5 97X4930 NH1J 251 77777 0 050120 2F 000000 A00001179223

PR No. 1300267600

Funding in support of TI-010.

NOTE: Funds expire 31 March 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4300, whichever occurs first.

630012 1300267600 10000.00

LLA :

C5 97X4930 NH1J 251 77777 0 050120 2F 000000 A00001179223

PR No. 1300267600

Funding in support of TI-010.

NOTE: Funds expire 31 March 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4300, whichever occurs first.

MOD 09 Funding 110000.00
Cumulative Funding 15795445.83

MOD 10

440001 1300281939 182084.49

LLA :

C6 1721109 4181 252 67854 067443 2D 418105 2RC2454016WV

Funding in support of TI-009.

NOTE: Funds expire 30 September 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4400, whichever occurs first.

440002 1300288026 215153.00

LLA :

C7 1721109 4181 252 67854 067443 2D 4181B1 2RC245411649

PR No. 1300288026

Funding in support of TI-004.

NOTE: Funds expire 31 March 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4400, whichever occurs first.

640001 1300281939 13331.49

LLA :

C6 1721109 4181 252 67854 067443 2D 418105 2RC2454016WV

Funding in support of TI-009.

NOTE: Funds expire 30 September 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6400, whichever occurs first.

MOD 10 Funding 410568.98
Cumulative Funding 16206014.81

MOD 11

440003 1300288024 164736.00

LLA :

C8 1721109 4181 252 67854 067443 2D 4181B1 2RC247501649

PR No. 1300288024

Funding in support of TI-010.

NOTE: Funds expire 30 September 2013. The contractor may continue to invoice after

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 51 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4400, whichever occurs first.

440004 1300295401 1817915.51

LLA :

C6 1721109 4181 252 67854 067443 2D 418105 2RC2454016WV

Funding in support of TI-009.

NOTE: Funds expire 30 September 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4400, whichever occurs first.

640002 1300288024 16000.00

LLA :

C8 1721109 4181 252 67854 067443 2D 4181B1 2RC247501649

PR No. 1300288024 (ACRN increase)

Funding in support of TI-010.

NOTE: Funds expire 30 September 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6400, whichever occurs first.

640003 1300295401 186668.51

LLA :

C6 1721109 4181 252 67854 067443 2D 418105 2RC2454016WV

Funding in support of TI-009.

NOTE: Funds expire 30 September 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6400, whichever occurs first.

MOD 11 Funding 2185320.02

Cumulative Funding 18391334.83

MOD 12 Funding 0.00

Cumulative Funding 18391334.83

MOD 13 Funding 0.00

Cumulative Funding 18391334.83

MOD 14

630012 1300267600 (9864.64)

LLA :

C5 97X4930 NH1J 251 77777 0 050120 2F 000000 A00001179223

PR No. 1300267600

Funding in support of TI-010.

NOTE: Funds expire 31 March 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4300, whichever occurs first.

MOD 14 Funding -9864.64

Cumulative Funding 18381470.19

MOD 15

400008 (3733.72)

LLA :

A9 1701109 4181 250 67854 067443 2D 418105 0RC0418916WV

Standard Number: M6785410RC04189 (AA)

Reqn No. 00767841

Funding in support of TI-001.

NOTE: Funds expire 31 March 2011. The contractor may continue to invoice after this date, but only for work performed up through and including 31 March 2011.

400009 (4683.22)

LLA :

B1 1701109 6544 310 67854 067443 2D 6544BS 0RC06549155C

Standard Number: M6785410RC06549 (AA)

Reqn No. 00967662

Funding in support of TI-002.

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 52 of 69	FINAL
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NOTE: Funds expire 30 September 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4000, whichever occurs first.

430001 (1313.65)
LLA :
B3 1711109 4181 253 67854 067443 2D 4181B1 1RC145261649
Standard Number: M6785411RC14526 (AA)
Reqn No. 11831601
Funding in support of TI-005.

NOTE: Funds expire 30 September 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4300, whichever occurs first.

430002 (2688.26)
LLA :
B2 1711109 4181 253 67854 067443 2D 418105 1RC1455016WV
Standard Number: M6785411RC14550 (AA)
Reqn No. 11831603
Funding in support of TI-006.

NOTE: Funds expire 31 March 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4300, whichever occurs first.

430004 (206.41)
LLA :
B6 97-11X8242 2828 000 74282 0 065916 2D PLEA9N 0252 8022 0LAU
Standard Number: M6785411RCF0062 (AA)
Reqn No. 11831613
Funding in support of TI-007.
FMS Case No LE-P-LAU

430011 (308.01)
LLA :
C2 1791109 2038 310 67854 067443 2D 203803 1RC92P80215E
Standard Number: M6785411RC92P80 (AA)
Reqn No. 12075864
Funding in support of TI-008.

Note: 10 U.S.C. 2410a Authority is applicable. Contractor may incur costs for work performed against this SLIN for 365 days from effective date of modification # 07, or through the end date of the period of performance for CLIN 4300, whichever occurs first. Contractor may continue to invoice after the ending date, but only for work performed during the applicable period.

440002 130028802600001 (3534.52)
LLA :
C7 1721109 4181 252 67854 067443 2D 4181B1 2RC245411649
PR No. 1300288026
Funding in support of TI-004.

NOTE: Funds expire 31 March 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4400, whichever occurs first.

440003 130028802400001 (5291.99)
LLA :
C8 1721109 4181 252 67854 067443 2D 4181B1 2RC247501649
PR No. 1300288024
Funding in support of TI-010.

NOTE: Funds expire 30 September 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4400, whichever occurs first.

440004 130029540100001 (150153.32)
LLA :
C6 1721109 4181 252 67854 067443 2D 418105 2RC2454016WV
PR No. 1300295401 (ACRN increase)
Funding in support of TI-009.

NOTE: Funds expire 31 March 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4400, whichever occurs first.

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-04-D-4119	N00178-04-D-4119-FC23	18	53 of 69	

600008 (1967.40)

LLA :

B1 1701109 6544 310 67854 067443 2D 6544BS 0RC06549155C

Standard Number: M6785410RC06549 (AA)

Reqn No. 00967601

Funding in support of TI-002.

NOTE: Funds expire 30 September 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6000, whichever occurs first.

600009 (744.30)

LLA :

B2 1711109 4181 253 67854 067443 2D 418105 1RC1455016WV

Standard Number: M6785411RC14550 (AA)

Reqn No. 11542528

Funding in support of TI-001.

NOTE: Funds expire 31 March 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6000, whichever occurs first.

630002 (4110.24)

LLA :

B2 1711109 4181 253 67854 067443 2D 418105 1RC1455016WV

Standard Number: M6785411RC14550 (AA)

Reqn No. 11831604

Funding in support of TI-006.

NOTE: Funds expire 31 March 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

630004 (5931.67)

LLA :

B5 1711109 4181 252 67854 067443 2D 418105 1RC1454916WV

Standard Number: M6785411RC14549 (AA)

Reqn No. 11831611

Funding in support of TI-007.

NOTE: Funds expire 31 March 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

630005 (3381.90)

LLA :

B3 1711109 4181 253 67854 067443 2D 4181B1 1RC145261649

Standard Number: M6785411RC14526 (AA)

Reqn No. 11895030

Funding in support of TI-003.

NOTE: Funds expire 30 September 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

630009 (1166.54)

LLA :

C2 1791109 2038 310 67854 067443 2D 203803 1RC92P80215E

Standard Number: M6785411RC92P80 (AA)

Reqn No. 12077384

Funding in support of TI-008.

Note: 10 U.S.C. 2410a Authority is applicable. Contractor may incur costs for work performed against this SLIN for 365 days from effective date of modification # 07, or through the end date of the period of performance for CLIN 6300, whichever occurs first. Contractor may continue to invoice after the ending date, but only for work performed during the applicable period.

630011 (2601.85)

LLA :

C1 1711109 4181 252 67854 067443 2D 418105 1RC1455116WV

Standard Number: M6785411RC14551 (AA)

Req No. 12701906

Funding in support of TI-004.

NOTE: Funds expire 31 March 2012. The contractor may continue to invoice after

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 54 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

640002 130028802400002 (11108.78)

LLA :

C8 1721109 4181 252 67854 067443 2D 4181B1 2RC247501649

PR No. 1300288024 (ACRN increase)

Funding in support of TI-010.

NOTE: Funds expire 30 September 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6400, whichever occurs first.

640003 130029540100002 (4432.60)

LLA :

C6 1721109 4181 252 67854 067443 2D 418105 2RC2454016WV

PR No. 1300295401 (ACRN increase)

Funding in support of TI-009.

NOTE: Funds expire 31 March 2013. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6400, whichever occurs first.

MOD 15 Funding -207358.38

Cumulative Funding 18174111.81

MOD 16

600008 (95.23)

LLA :

B1 1701109 6544 310 67854 067443 2D 6544BS 0RC06549155C

Standard Number: M6785410RC06549 (AA)

Reqn No. 00967601

Funding in support of TI-002.

NOTE: Funds expire 30 September 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6000, whichever occurs first.

MOD 16 Funding -95.23

Cumulative Funding 18174016.58

MOD 17

430011 (1267.96)

LLA :

C2 1791109 2038 310 67854 067443 2D 203803 1RC92P80215E

Standard Number: M6785411RC92P80 (AA)

Reqn No. 12075864

Funding in support of TI-008.

Note: 10 U.S.C. 2410a Authority is applicable. Contractor may incur costs for work performed against this SLIN for 365 days from effective date of modification # 07, or through the end date of the period of performance for CLIN 4300, whichever occurs first. Contractor may continue to invoice after the ending date, but only for work performed during the applicable period.

MOD 17 Funding -1267.96

Cumulative Funding 18172748.62

MOD 18

430008 (673.64)

LLA :

B3 1711109 4181 253 67854 067443 2D 4181B1 1RC145261649

Standard Number: M6785411RC14526 (AA)

Reqn No. 11895032

Funding in support of TI-003.

NOTE: Funds expire 30 September 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 4300, whichever occurs first.

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 55 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

600009 (0.04)

LLA :

B2 1711109 4181 253 67854 067443 2D 418105 1RC1455016WV

Standard Number: M6785411RC14550 (AA)

Reqn No. 11542528

Funding in support of TI-001.

NOTE: Funds expire 31 March 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6000, whichever occurs first.

630002 (8.55)

LLA :

B2 1711109 4181 253 67854 067443 2D 418105 1RC1455016WV

Standard Number: M6785411RC14550 (AA)

Reqn No. 11831604

Funding in support of TI-006.

NOTE: Funds expire 31 March 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

630004 (243.33)

LLA :

B5 1711109 4181 252 67854 067443 2D 418105 1RC1454916WV

Standard Number: M6785411RC14549 (AA)

Reqn No. 11831611

Funding in support of TI-007.

NOTE: Funds expire 31 March 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

630005 (1.06)

LLA :

B3 1711109 4181 253 67854 067443 2D 4181B1 1RC145261649

Standard Number: M6785411RC14526 (AA)

Reqn No. 11895030

Funding in support of TI-003.

NOTE: Funds expire 30 September 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

630011 (84.84)

LLA :

C1 1711109 4181 252 67854 067443 2D 418105 1RC1455116WV

Standard Number: M6785411RC14551 (AA)

Req No. 12701906

Funding in support of TI-004.

NOTE: Funds expire 31 March 2012. The contractor may continue to invoice after this date, but only for work performed up through this date or the end date of the period of performance for CLIN 6300, whichever occurs first.

MOD 18 Funding -1011.46
Cumulative Funding 18171737.16

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 56 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

SECTION H SPECIAL CONTRACT REQUIREMENTS

GOVERNMENT FURNISHED PROPERTY (SEP 1990) (NAVSEA 5252.245-9108)

The Government will provide only that property set forth below, notwithstanding any term or condition of this task order to the contrary. Upon Contractor's written request to the cognizant Task Order Manager, via the cognizant Procuring Contract Office (NSWC Crane), the Government will furnish the following for use in the performance of this task order:

* To be identified upon issuance of each Technical Instruction (TI).

TECHNICAL INSTRUCTIONS (MAY 1993)(NAVSEA 5252.242-9115)

(a) Performance of the work hereunder shall be subject to written technical instructions signed by the Task Order Manager specified in Section G of this task order. As used herein, technical instructions are defined to include the following:

1. Directions to the contractor which suggest pursuit of certain lines of inquiry, shift work emphasis, fill-in details or otherwise serve to accomplish the contractual statement of work.
2. Guidelines to the contractor which assist in the interpretation of drawings, specifications or technical portions of work description.

(b) Technical instructions must be within the general scope of work stated in the task order. Technical Instructions may not be used to:

1. Assign additional work under the task order
2. Direct a charge as defined in the "CHANGES" clause of this task order
3. Increase or decrease the task order price or estimated task order amount (including fee), as applicable, the level of effort, or the time required for task order performance
4. Change any of the terms, conditions or specifications of the task order.

(c) If, in the opinion of the contractor, any technical instruction calls for effort outside the scope of the task order or is inconsistent with this requirement, the contractor shall notify the Procuring Contracting Officer (NSWC Crane) in writing within ten (10) working days after the receipt of any such instruction. The contractor shall not proceed with the work affected by the technical instruction unless and until the contractor is notified by the Procuring Contracting Officer (NSWC Crane) that the technical instruction is within the scope of the task order.

(d) Nothing in the foregoing paragraph shall be construed to excuse the contractor from performing that portion of the contractual work statement, which is not affected by the disputed technical instruction.

CONFORMANCE WITH THE ENVIRONMENTAL MANAGEMENT SYSTEM

The Contractor shall perform work under this contract, at the installation or at the Contractor site, consistent with the policy and objectives identified in the installation's Environmental Management System (EMS) and applicable rules and regulations provided to the contractor as Government Furnished Information (GFI). The Contractor shall perform work in a manner that conforms to objectives and targets, environmental programs and operational controls identified by the EMS. The Contractor shall provide monitoring and measurement information as required by the EMS coordinator (Environmental Protection Manager) to address environmental performance relative to environmental, energy, and transportation management goals.

In the event an EMS nonconformance or environmental noncompliance associated with the contracted services, tasks, or actions occurs, the Contractor shall be responsible for coordinating with the installation's Environmental Protection office on proposed corrective and/or preventive actions and for completing all corrective/preventive actions as required by the EMS coordinator or the Environmental Protection Office. In addition, the Contractor shall ensure its employees are aware of their roles and responsibilities under the EMS and Environmental laws and regulations, and how these EMS roles and responsibilities affect work performed under the contract.

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 57 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

The Contractor shall be responsible for ensuring their employees receive applicable environmental and occupational health and safety training, and maintain regulatory-required specific training for the type of work to be conducted. All Contractor personnel, and their subcontractor personnel, performing tasks that have the potential to cause an environmental impact shall be competent on the basis of appropriate education, training or experience. Upon contract award, the Government will provide EMS Awareness and Environmental Awareness training on CD to the Contractor. The contractor shall provide the EMS coordinator with all training records required by the EMS coordinator or the Environmental Protection Office (including but not limited to EMS training, waste water treatment certifications, asbestos certifications, etc.) for all contractor personnel and subcontractor personnel within 30 days prior to performance or at time of contract award whichever comes first and annually thereafter. The installation EMS Coordinator will retain associated records.

H20S INSURANCE - WORK ON A GOVERNMENT INSTALLATION

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

1. Comprehensive General Liability: \$200,000 per person and \$500,000 per accident for bodily injury.
2. Automobile Insurance: \$200,000 per person and \$500,000 per accident for bodily injury and \$20,000 per accident for property damage.
3. Standard Workmen's Compensation and Employer's Liability Insurance (or, where maritime employment is involved, Longshoremen's and Harbor Worker's Compensation Insurance) in the minimum of \$100,000.

ALLOTMENT OF FUNDS (MAY 1993) (NAVSEA 5252.232-9104)

This task order is incrementally funded with respect to both cost and fee. The amount(s) presently available and allotted to this contract for payment of fee for incrementally funded contract line item number/contract sub-line item number (CLIN/SLIN), subject to the clause entitled "FIXED FEE" (FAR 52.216 8) or "INCENTIVE FEE" (FAR 52.216 10), as appropriate, is specified below. The amount(s) presently available and allotted to this contract for payment of cost for incrementally funded CLINs/SLINs is set forth below. As provided in the clause of this contract entitled "LIMITATION OF FUNDS" (FAR 52.232 22), the CLINs/SLINs covered thereby, and the period of performance for which it is estimated the allotted amount(s) will cover is as follows:

***Refer to "SECTION F & G - CONTRACT ADMINISTRATION DATA" and Page 2, General Information Section.**

H30S LIMITATION OF LIABILITY - INCREMENTAL FUNDING (JUN 2004)

This task order is incrementally funded and the amount currently available for payment hereunder is limited to \$ * inclusive of fee, profit and all other charges. 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 task order.

***Refer to Page 2, General Information Section.**

H81S TRAVEL COSTS AND RESPONSIBILITIES

- (a) Performance under this task order may require travel by contractor personnel. If travel, domestic or overseas, is required, the Contractor shall be responsible for making all needed arrangements for his personnel. This includes, but is not limited to, medical examinations; immunizations; passports, visas, etc. and security clearances. If any work will take place on a U.S. Navy vessel, the Contractor shall obtain boarding authorization for all contractor personnel from the Commanding Officer of the vessel. Authorization shall be obtained prior to boarding.
- (b) The Government will reimburse the Contractor for allowable travel costs incurred by the Contractor in performance of the task order in accordance with FAR subpart 31.2 or 31.3 as applicable.

H83S SERVICE CONTRACT ACT WAGE DETERMINATION (JUN 2004)

The applicable Service Contract Wage Determinations by the Secretary of Labor are provided as attachment J-1 in Section J.

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 58 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

HC25S ACCESS TO GOVERNMENT SITE (JUN 2004)

1. Contractor personnel shall comply with all current badging and security procedures required to gain access to any Government site.
2. The contractor shall ensure that contractor personnel employed on any Government site become familiar with and obey Activity Regulations.
3. Contractor personnel shall not enter restricted areas unless required to do so and until cleared for such entry.
4. 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.
5. Contractor personnel shall bear personal protective equipment in designated areas.
6. All contractor equipment shall be conspicuously marked for identification.
7. 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.

RAPIDGate NSA/NSWC CRANE INSTALLATION ACCESS(May 2012)

If this contract includes the clause "FAR 52.204-9 Personal Identity Verification of Contractor Personnel" or will otherwise require frequent access to NSA/NSWC Crane site, the Contractor shall consider taking advantage of the benefits available from the following RAPIDGate program:

NSA/NSWC Crane is implementing the Navy Commercial Access Control System (NCACS) projects. The NCACS is the standard identity management and perimeter installation access control solution for the access management of vendors, contractors, suppliers and service providers who are not authorized a Common Access Card (CAC). The rationale for implementation of this system is to increase security while reducing impacts to the contractor community by improving efficiencies for base entry.

The new protocol being implemented to fulfill this NCACS requirement is the RAPIDGate system. The system meets Presidential Directive (HSPD-12) requirements by providing background checks of contractor personnel. A personal badge that affords base access (and/or multiple base access) for one year will be issued to each Contractor employee that meets background check criteria. While Contractors are not required to participate in this program, those Contractors who choose not to participate will be required to obtain daily passes for base access.

There are costs for contractors to participate in the RAPIDGate program which include a fee for the Contractor's form and a fee per Contractor employee. Costs to participating Contractor's are recaptured through increased productivity of their employees due to the reduction in waiting times at the Pass and Identification Office and Entry Control Point (ECP). Costs shall not be directly billed to the Government. The costs to participate in the RAPIDGate program are identified in the table below.

A Government Sponsor is required to validate a Contractor's request for RAPIDGate access, and shall be the Contracting Officer's Representative (COR). If there is no COR, then the Government Sponsor is the Contracting Officer (KO).

The Government does not guarantee the contractor's successful enrollment or the successful enrollment of any contractor employees in the RAPIDGate program. Significant delays may result from choosing to access the installation by obtaining a one day pass. The Government will not

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 59 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

be held responsible for any access delays associated with using the daily pass process. Please address any questions or concerns regarding RAPIDGate to the COR or the local Base Security Office personnel listed below.

NSA/NSWC Crane RAPIDGate Primary Program Point of Contact is Jon Thomas, and can be reached at Jon.M.Thomas@Navy.mil or at 812-854-5624. NSA/NSWC Crane RAPIDGate Secondary Program Point of Contact is Larry Patterson, and can be reached at Larry.Patterson@Navy.mil or 812-854-5642.

Additional information is available at <http://www.rapidgate.com/rapidgate>

RAPIDGate Pricing—(Subject to change without notice):

Program	Enrollment	Price
Single Installation	Company	\$199.99 annually
Single Installation	Employee	\$159.00 annually
Enterprise (Multiple installations)	Company	\$249.00 annually - 2 or more installations
Enterprise (Multiple installations)	Employee	\$199.00 annually 2 or more installations
90 day Option	Employee	\$59.00 per 90 days
Replacement Credential	Employee	\$30.00 per credential

HG10S CONTRACTUAL AUTHORITY AND COMMUNICATIONS (JUN 2004)

(a) Except as specified in subparagraph (b) below, 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.

(b) The contractor shall not comply with any order, direction or request of Government personnel unless it is issued in writing and signed by the Contracting Officer, or is pursuant to specific authority otherwise included as a part of this task order.

(c) 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. In the event the contract effects any change at the direction of any person other than the Contracting Officer, the change will be considered to have been made without authority and no adjustment will be made in the task order price to cover any increase in charges incurred as a result thereof.

HQ-C-2-0014 CONTRACTORS PROPOSAL (NAVSEA)(SEP 1990)

(a) Performance of this task order by the contractor shall be conducted and performed in accordance with detailed obligations to which the contractor committed itself in proposal dated 15 June 2009 in response to NSWC Crane solicitation N00024-09-R-3250.

(b) The technical volume(s) of the contractor's proposal is incorporated by reference and hereby made subject to the provisions of the "ORDER OF PRECEDENCE" (FAR 52.215-08) clause of this task order. Under the "ORDER OF PRECEDENCE" clause, the technical volume of the contractor's proposal referenced herein is hereby designated as item (f) of the clause following "The Specifications" in order of precedence.

AWARD TERM CLAUSE

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 60 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

In addition to the terms set forth in the Task Order (TO), the contractor may earn an extension or reduction to the TO period from a minimum of 1 year to a maximum of 5 years on the basis of performance during the evaluation periods. The contractor will be evaluated for the first six months of performance, with extensions or reductions beginning after the first full year of performance. There will be four (4) total evaluations, as noted in **Table-1** below.

Table 1 – Evaluation Scoring Criteria

Evaluation Number	*Evaluation Performed (Months)	Points Earned	Base Year (BY) and Award-Term (AT) Earned
1	6	6 – 23	BY 1
		24 – 40	BY's 1 & 2
2	18	32 - 40	BY's 1 & 2 and AT 1
3	30	34 – 40	BY's 1 & 2 and AT's 1 & 2
4	42	36 – 40	BY's 1 & 2 and AT's 1, 2, & 3

Note: Evaluations will be performed 6 months from date of award, and every 12 months thereafter.

The contractor can earn a minimum of 6 points and a maximum of 40 points per evaluation period. Each evaluation period will be separate from the others. Points earned in one evaluation period will not be counted towards the cumulative points of the next evaluation period. The first evaluation period will be from date of award through six months following the date of award, with subsequent evaluations being conducted every 12 months thereafter.

Evaluation Period 1

If the contractor scores less than 24 points (e.g., 6 points to 23 points) for performance during the first six months of the basic order period, Base Year 2 (BY2) will not be awarded, and the TO will end at the conclusion of Base Year 1 (BY1).

If the contractor scores between 24 points and 40 points for performance during the first six months of the basic order period, BY2 will be awarded, and the TO will end at the conclusion of BY2, unless the contractor earns Award Term 1 (AT1).

Evaluation Period 2

If the contractor scores less than 32 points (e.g., 6 points to 31 points) for performance during the 12-month period beginning the 7th month through the 18th month of the basic order period, AT1 will not be awarded, and the TO will end at the conclusion of BY2.

If the contractor scores between 32 points and 40 points for performance during the 12-month period beginning the 7th month following award of the TO through the 18th month of the basic order period, AT1 will be awarded, and the TO will end at the conclusion of AT1, unless the contractor earns Award Term 2 (AT2).

Evaluation Period 3

If the contractor scores less than 34 points (e.g., 6 points to 33 points) for performance during the 12-month

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 61 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

period beginning the 19th month through the 30th month of the AT1 period, AT2 will not be awarded, and the TO will end at the conclusion of AT1.

If the contractor scores between 34 points and 40 points for performance during the 12-month period beginning the 19th month following award of the TO through the 30th month AT1 period, AT2 will be awarded, and the TO will end at the conclusion of AT2, unless the contractor earns Award Term 3 (AT3).

Evaluation Period 4

If the contractor scores less than 36 points (e.g., 6 points to 35 points) for performance during the 12-month period beginning the 31st month of the basic order period through the 42nd month of AT2 period, AT3 will not be awarded, and the TO will end at the conclusion of AT2.

If the contractor scores between 36 points and 40 points for performance during the 12-month period beginning the 31st month following award of the TO through the 42nd month of AT2 period, AT3 will be awarded, and the TO will end at the conclusion of AT3.

Points are awarded during each evaluation period of the TO on the basis of how the contractor has performed against the predetermined criteria. The TO period is then extended or reduced to reflect this assessment. The time specified for period of evaluation will ensure the Government has sufficient time to solicit and award a new TO, should the contractor not earn a BY or AT.

(a) **Award Term.** The award-term concept is an incentive that permits extension of the TO period beyond the base Period of Performance (PoP) for superior performance or reduction of the TO POP because of poor performance.

(b) **Term Points.** Points are earned during each evaluation period on the basis of the contractor's performance. The contractor must earn a minimum of 24 points in the first evaluation period, a minimum of 32 points in the second evaluation period, a minimum of 34 points for the third evaluation period, and a minimum of 36 points in the fourth evaluation period for an additional 12 to 36 month term extension. If the contractor earns less than 24 points in the first evaluation period, they will lose the second year of the basic ordering period.

(c) **Monitoring of Performance.** The contractor's performance will be continually monitored by the Performance Monitors (PO)/Requiring Technical Activity (RTA) whose findings are reported to the Award-Term Evaluation Team (ATET). The ATET provides recommendations to the Term Determining Official (TDO), who makes the final decision on the base year or award-term amounts on the basis of the contractor's performance during the specified evaluation periods.

(d) **Award-Term Plan.** The evaluation criteria, the associated points, and the associated award-term extensions or reductions are specified in the award-term plan.

(e) **Modification of Award-Term Plan.** Changes may be made to the award-term plan at any time during TO performance, provided that both parties agree to them. If agreement cannot be reached on changes, the initial award-term plan remains in effect.

(f) **Self-Evaluation.** The contractor will submit to the KO, within 5 working days after the end of each award-term evaluation period, a brief written self-evaluation of its performance for that period. This self-evaluation shall be limited to 5 pages. It will be used in the ATET's evaluation of the contractor's performance during this period.

(g) **Disputes.** Decisions regarding the award term, including, but not limited to, the amount of the award term, if any; the methodology used to calculate the award term; calculation of the award term; the supplier's entitlement to the award term; and the nature and success of the contractor's performance, are made by the TDO. These decisions are final and are not subject to dispute.

(h) **Award-Term Extension.** The TO period may be modified to reflect the TDO decision. The total TO

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 62 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

ordering period, including extensions under this clause, will not exceed 5 years, or the time remaining on the contractor's SeaPort-e contract, including exercised award-terms. The award-term provision must be included in the solicitation and resulting TO. If at any time the contract period does not extend more than two years from the TDO decision, the operation of the award-term provision will cease and the ordering period will not extend beyond the term set at that time.

AWARD TERM PLAN

1.0 INTRODUCTION

Award-term contracting is a tool used to promote efficient, quality contractor performance. Award-term contracting should be used when there are specific performance metrics which can be identified and known objectives can be measured.

The award-term process should be used when a long-term business relationship is of value to the Government and the contractor, and the expected outcome is known upfront.

The Award-Term Plan sets the basis for evaluating the contractor's performance and for presenting an assessment of that performance to the Term-Determining Official (TDO).

All decisions regarding the award-term points, the methodology used to calculate award-term points, the contractor's entitlement to the points and the nature and success of the contractor's performance are final and are not subject to dispute. The award term, if earned, will be provided to the contractor through unilateral contract modification.

The specific criteria and procedures that will be used to assess the contractor's performance and for determining if additional base years or award-terms are earned are described herein.

2.0 ORGANIZATION.

The award-term evaluation team consists of the term-determining official (TDO), the Contracting Officer Representative (COR), requesting technical activity/performance monitors (RTA) and the contracting officer (KO).

3.0 RESPONSIBILITIES.

a) **Term-Determining Official (TDO).** The TDO will be the division manager of the code for which the requirement is supporting. The TDO shall approve the award-term plan and any significant changes to it. The TDO is responsible for review of the COR's recommendation, shall consider all pertinent data, and determine the award-term points for each evaluation period.

b) **Contracting Officer Representative (COR).** The COR is responsible for obtaining and reviewing performance evaluations submitted by the performance monitors and the contractor's self-evaluation. The COR shall consider all information from pertinent sources, shall prepare an interim performance report and arrive at the earned award-term point recommendation, to be presented to the TDO. An initial assessment of the contractor's performance will be done at the conclusion of the first six months of performance, with subsequent evaluation being conducted every year thereafter. The COR may suggest recommended changes to the award term plan, which will be considered by the TDO for incorporation or modification into the plan.

c) **Performance Monitors (PO)/Requiring Technical Activity (RTA).** PO(s) will be responsible for maintaining written records of the contractor's performance in their assigned evaluation area so that a fair and accurate evaluation is obtained. The PO may provide informal feedback of contractor performance at anytime, but must prepare written interim and end-of-term evaluation reports as directed by the COR.

d) **Contracting Officer (KO).** The KO is responsible for overseeing the contractor's performance with regards to all contractual issues. The KO is the liaison between the contractor and government personnel. The KO may

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 63 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

issue a written notice to the contractor when areas of performance present government concern. The KO shall approve any changes to the award-term plan. Subsequent to the TDO decision, the KO will modify the task order period of performance (PoP), if necessary, to reflect the TDO's decision.

4.0 AWARD-TERM PROCESS.

- a) **Evaluation Points.** Points are awarded during each evaluation period of the TO on the basis of how the contractor has performed against the predetermined criteria (see attachment J-9). The TO period is then extended or reduced to reflect this assessment. The time specified for period of evaluation will ensure the Government has sufficient time to solicit and award a new TO, should the contractor not earn a Base Year (BY) or Award Term (AT). The contractor must score between 24 points and 40 points for performance during the first six months of the basic order period to secure BY2. The contractor must score between 32 points and 40 points for performance during the 12-month period beginning the 7th month following award of the TO through the 18th month of the basic order period to secure AT1. The contractor must score between 34 points and 40 points for performance during the 12-month period beginning the 19th month following award of the TO through the 30th month of AT1 to secure AT2. The contractor must score between 36 points and 40 points for performance during the 12-month period beginning the 31st month following award of the TO through the 42nd month of AT2 to secure AT3.
- b) **Evaluation Criteria.** If the KO does not give specific notice in writing to the contractor of any change to the evaluation criteria prior to the start of a new evaluation period, then the same criteria listed for the preceding period will be used in the following award-term evaluation period.
- c) **Interim Evaluation Process.** An Interim evaluation will be conducted at the conclusion of the first six months of performance for the base period. At the discretion of the TDO, Interim evaluations may take place more frequently. The COR will notify the performance monitors 14 calendar days before the midpoint of the evaluation period. Performance monitors are required to submit their evaluation reports to the COR 21 calendar days after this notification. The COR determines the evaluation results and notifies the contractor of the strengths and weaknesses for the current evaluation period. The KO may also issue letters at any other time when it is deemed necessary to highlight areas of government concern.
- d) **End-of-Evaluation-Period.** The COR notifies the performance monitors 14 calendar days before the end of the evaluation period. The performance monitors prepare and submit a written evaluation report to the COR within 14 calendar days after the end of the evaluation period. The COR forwards copies of the reports to the contractor. The contractor is given an opportunity to address the performance monitor's evaluations. Contractor rebuttal must be received within 20 days after the end of the evaluation period. The contractor must prepare a self-assessment of their performance and submit it to the KO within 5 working days after the end of the evaluation period. The contractor's assessment may contain any information that could be reasonably expected to assist in determining the final performance assessment score. The self-assessment may not exceed 15 pages. The COR prepares an evaluation report and recommendation regarding earned or unearned award-term points. The COR briefs the TDO on the evaluation results and recommendation within 30 calendar days after the end of the evaluation period. The TDO determines the overall award-term points for the evaluation period within 45 calendar days after each evaluation period. The TDO shall issue a letter informing the contractor of the earned award-term points and the total cumulative points. If, sufficient award term-points are earned, the KO will issue a contract modification within 15 calendar days after the TDO's decision has been made. The modification will authorize an award extension or reduction based on the earned or unearned award-term points.

5.0 AWARD-TERM PLAN CHANGE PROCEDURES.

Proposed changes to the award-term plan shall be bilateral. If either party desires a change to the award-term plan and a mutual agreement cannot be reached, the original award-term plan will remain in effect.

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 64 of 69	FINAL
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SECTION I CONTRACT CLAUSES

Note: All the provisions and clauses of SECTION I of the basic contract apply to this task order unless otherwise specified herein.

CLAUSES INCORPORATED BY REFERENCE (FEB 1998) (FAR 52.252-2)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address (es): <http://www.farsite.hill.af.mil/>

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

52.227-14 Rights in Data - General (DEC 2007)

52.219-9 Small Business Subcontracting Plan (APR 2008)

252.227-7013 Rights in technical data - Noncommercial items. (NOV 1995)

252.251.7000 ORDERING FROM GOVERNMENT SUPPLY SOURCES (NOV 2004)

52.227.71 – Rights in Technical Data

52.227.72 – Rights in Computer Software and Computer Software Documentation

CLAUSES INCORPORATED IN FULL TEXT

Payment for Overtime Premiums (July 1990)

(a) The use of overtime is authorized under this contract if the overtime premium does not exceed \$193,403 or the overtime premium is paid for work—

- (1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;
- (2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;
- (3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or
- (4) That will result in lower overall costs to the Government.

(b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall—

- (1) Identify the work unit; *e.g.*, department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;
- (2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;
- (3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 65 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

(4) Provide reasons why the required work cannot be performed by using multishift operations or by employing additional personnel.

252.222-7999 Additional Requirements and Responsibilities Restricting the Use of Mandatory Arbitration Agreements

(DEVIATION)

Use the following clause in all contracts in excess of \$1 million utilizing funds appropriated by the Fiscal Year 2010 Defense Appropriations Act (Pub. L. 111-118), except in contracts for the acquisition of commercial items and commercially available off-the-shelf items.

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.

(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.

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 66 of 69	FINAL
----------------------------------	---	----------------------------------	------------------	-------

252.225-7993 Prohibition on Contracting with the Enemy in the United States Central Command Theater of Operations

PROHIBITION ON CONTRACTING WITH THE ENEMY IN THE UNITED STATES CENTRAL COMMAND THEATER OF OPERATIONS (DEVIATION 2012-00005) (JAN 2012)

(a) The Contractor is required to exercise due diligence to ensure that none of the funds received under this contract are provided, directly or indirectly, to a person or entity who is actively supporting an insurgency or otherwise actively opposing U.S. or coalition forces in a contingency operation.

(b) The Head of the Contracting Activity (HCA) has the authority to-

(1) Terminate this contract for default, in whole or in part, if the HCA determines in writing that the Contractor failed to exercise due diligence as required by paragraph (a) of this clause; or

(2) Void this contract, in whole or in part, if the HCA determines in writing that any funds received under this Contract have been provided, directly or indirectly to a person or entity who is actively supporting an insurgency or otherwise actively opposing U.S. or coalition forces in a contingency operation.

(End of clause)

252.225-7994 Additional Access to Contractor and Subcontractor Records in the United States Central Command Theater of Operations

ADDITIONAL ACCESS TO CONTRACTOR AND SUBCONTRACTOR RECORDS IN THE UNITED STATES CENTRAL COMMAND THEATER OF OPERATIONS (DEVIATION 2012-00005) (JAN 2012)

(a) In addition to any other existing examination-or-records authority, the Department of Defense is authorized to examine any records of the Contractor to the extent necessary to ensure that funds available under this Contract are not-

(1) Subject to extortion or corruption; or

(2) Provided, directly or indirectly, to persons or entities that are actively supporting an insurgency or otherwise actively opposing United States or coalition forces in a contingency operation.

(b) The substance of this clause, including this paragraph (b), is required to be included in subcontracts under this Contract that have an estimated value over \$100,000.

(End of clause)

52.224-1 Privacy Act Notification

As prescribed in [24.104](#), insert the following clause in solicitations and contracts, when the design, development, or operation of a system of records on individuals is required to accomplish an agency function:

Privacy Act Notification (Apr 1984)

The Contractor will be required to design, develop, or operate a system of records on individuals, to accomplish an agency function subject to the Privacy Act of 1974, Public Law 93-579, December 31, 1974 ([5 U.S.C. 552a](#)) and applicable agency regulations. Violation of the Act may involve the imposition of criminal penalties.

(End of clause)

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 67 of 69	FINAL
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52.224-2 Privacy Act

As prescribed in 24.104, insert the following clause in solicitations and contracts, when the design, development, or operation of a system of records on individuals is required to accomplish an agency function:

Privacy Act (Apr 1984)

(a) The Contractor agrees to—

(1) Comply with the Privacy Act of 1974 (the Act) and the agency rules and regulations issued under the Act in the design, development, or operation of any system of records on individuals to accomplish an agency function when the contract specifically identifies—

(i) The systems of records; and

(ii) The design, development, or operation work that the contractor is to perform;

(2) Include the Privacy Act notification contained in this contract in every solicitation and resulting subcontract and in every subcontract awarded without a solicitation, when the work statement in the proposed subcontract requires the redesign, development, or operation of a system of records on individuals that is subject to the Act; and

(3) Include this clause, including this paragraph (3), in all subcontracts awarded under this contract which requires the design, development, or operation of such a system of records.

(b) In the event of violations of the Act, a civil action may be brought against the agency involved when the violation concerns the design, development, or operation of a system of records on individuals to accomplish an agency function, and criminal penalties may be imposed upon the officers or employees of the agency when the violation concerns the operation of a system of records on individuals to accomplish an agency function. For purposes of the Act, when the contract is for the operation of a system of records on individuals to accomplish an agency function, the Contractor is considered to be an employee of the agency.

(c) (1) "Operation of a system of records," as used in this clause, means performance of any of the activities associated with maintaining the system of records, including the collection, use, and dissemination of records.

(2) "Record," as used in this clause, means any item, collection, or grouping of information about an individual that is maintained by an agency, including, but not limited to, education, financial transactions, medical history, and criminal or employment history and that contains the person's name, or the identifying number, symbol, or other identifying particular assigned to the individual, such as a fingerprint or voiceprint or a photograph.

(3) "System of records on individuals," as used in this clause, means a group of any records under the control of any agency from which information is retrieved by the name of the individual or by some identifying number, symbol, or other identifying particular assigned to the individual.

(End of clause)

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 68 of 69	FINAL
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FAR 52.244-2 Subcontracts

(d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer's written consent before placing the following subcontracts: "Contracts with any firm not included with the Basic Contract Proposal. For adding Team Members to the Task Order after award, the Task Order Contracting Officer's approval is required. The Task Order Contracting Officer will determine the documentation to be submitted by the Contractor for approval. "

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FC23	AMENDMENT/MODIFICATION NO. 18	PAGE 69 of 69	FINAL
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SECTION J LIST OF ATTACHMENTS

Wage Determination No.: 2005-2183, Revision No. 12 dated 13 June 2012

CDRL B011

Funding Notification Letter Example Visual Chart

Cost Summary Format

Government Estimate Level of Effort

List of Government Furnished Information

Personnel Qualifications

GSA authorization

Award Term Letter dated 27 May 2011