

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE U	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 49	3. EFFECTIVE DATE 16-May-2012	4. REQUISITION/PURCHASE REQ. NO. 1300249612	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY NSWC, DAHLGREN DIVISION 17632 Dahlgren Road Suite 157 Dahlgren VA 22448-5110	CODE N00178	7. ADMINISTERED BY (If other than Item 6) DCMA Manassas 10500 BATTLEVIEW PARKWAY, SUITE 200 MANASSAS VA 20109-2342	CODE S2404A

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Millenium Engineering and Integration (MEI) 2231 Crystal Drive, Suite 711 Arlington VA 22202	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
	10A. MODIFICATION OF CONTRACT/ORDER NO. N00178-04-D-4085-0002
	10B. DATED (SEE ITEM 13) 01-Jul-2005
CAGE CODE 1B5V4	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.

<input type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.)SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	D. OTHER (Specify type of modification and authority) FAR 52.232-20 Limitation of Cost

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

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

SEE PAGE 2

15A. NAME AND TITLE OF SIGNER (Type or print) Jennifer Joyce, Deputy Director of Contracts		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Maryann F Piersall, Contracting Officer	
15B. CONTRACTOR/OFFEROR /s/Jennifer Joyce (Signature of person authorized to sign)	15C. DATE SIGNED 17-May-2012	16B. UNITED STATES OF AMERICA BY /s/Maryann F Piersall (Signature of Contracting Officer)	16C. DATE SIGNED 21-May-2012

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

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## GENERAL INFORMATION

The purpose of this modification is to provide funding in support of two (2) test events: Hypersonic Technology Vehicle-2a (HTV-2A) and Booster Verification Test-01 (BVT-01).

A total of \$291,333.20 reflects the total amount of the MEI request for payment of additional funds due to the two test events.

Funds applied under this task order in the amount of \$282,948.22 as shown below and funds of \$8,384.98 which are still available under Slin 4 I0005 ACRN:BM (Authorization is given to apply those remaining funds to MIDCON) will finalize the additional costs of the two test events.

CLIN 4100: \$278,045.73  
 CLIN 6100: \$ 4,902.49  
 Total \$282,948.22

UPON PAYMENT UNDER THIS MODIFICATION OF THE SUM OF \$282,948.22 AND FUNDS AVAILABLE UNDER 4I0005 - ACRN:BM IN THE AMOUNT OF \$8,384.98, MEI AGREES TO AND DOES, FOR ITSELF, ITS SUCCESSORS AND ASSIGNS, REMISE, RELEASE AND FOREVER DISCHARGE THE GOVERNMENT, ITS OFFICERS, AGENTS AND EMPLOYEES, OF AND FROM ALL LIABILITIES, OBLIGATIONS, CLAIMS AND DEMANDS, WHATSOEVER IN LAW AND IN EQUITY, WITHOUT RESERVATION, WHETHER NOW KNOWN OR UNKNOWN, WHETHER LATENT OR PATENT, WHETHER OR NOT HERETOFORE ASSERTED IN WRITING, OR WHETHER OR NOT MADE ON BEHALF OF MEI OR MADE THROUGH MEI ON BEHALF OF A SUBCONTRACTOR VENDOR, SURETY, INSURER OR OTHER CREDITOR OF MEI, UNDER OR ARISING OUT OF, OR RELATING TO, THE WORK PERFORMED BY MEI IN SUPPORT OF THE HTV-2A AND BVT-01 TEST EVENTS UNDER SEAPORTE TASK ORDER N00178-04-D-4085-0002.

AID# I28219

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

The Line of Accounting information is hereby changed as follows:

The total amount of funds obligated to the task is hereby increased from \$8,599,635.44 by \$282,948.22 to \$8,882,583.66.

CLIN/SLIN	Type Of Fund	From (\$)	By (\$)	To (\$)
410008	WCF	0.00	86,322.66	86,322.66
410009	WCF	0.00	74,500.00	74,500.00
410010	WCF	0.00	109,710.35	109,710.35
410011	WCF	0.00	7,512.72	7,512.72
610006	WCF	0.00	4,902.49	4,902.49

The total value of the order is hereby increased from \$11,391,295.00 by \$0.00 to \$11,391,295.00.

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**SECTION B SUPPLIES OR SERVICES AND PRICES**

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

Item	Supplies/Services	Qty Unit	Est. Cost	Fixed Fee	CPFF
1000	The Contractor shall provide Engineering/Technical support services for the AEGIS Ballistic Missile Defense Program in accordance with the Statement of Work Base Period 7/1/2005 - 9/30/2005 (TBD)				\$378,414.00
1100	The Contractor shall provide Engineering/Technical support services for the AEGIS Ballistic Missile Defense Program in accordance with the Statement of Work. Option 1 10/1/2005 - 9/30/2006 (TBD)				\$1,574,686.00
110001	Deobligated \$91,000 (TBD)				
110002	Incremental Funding (TBD)				
110003	Incremental Funding (TBD)				
110004	Incremental Funding (TBD)				
110005	Incremental Funding (TBD)				
110006	Incremental Funding (TBD)				
110007	Incremental Funding (TBD)				
110008	Incremental Funding (TBD)				

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110009 Incremental  
Funding (TBD)

110010 Incremental  
Funding (TBD)

110011 Incremental  
Funding (TBD)

110012 Incremental  
Funding (TBD)

110013 Deobligated  
\$27,748 (TBD)

110014 Incremental  
Funding (TBD)

110015 Deobligated  
\$41,000 (TBD)

1200 The Contractor shall provide Engineering/Technical support services for the AEGIS Ballistic Missile Defense Program in accordance with the Statement of Work.  
Option 2  
10/1/2006 -  
9/30/2007 (TBD) \$1,636,122.00

120001 Incremental  
Funding (TBD)

120002 Incremental  
Funding (TBD)

120003 Incremental  
Funding (TBD)

120004 Incremental  
Funding (TBD)

120005 Incremental  
Funding (TBD)

120006 Incremental  
Funding (TBD)

120007 Incremental  
Funding (TBD)

120008 Incremental  
Funding (TBD)

120009 Incremental  
Funding (TBD)

120010 Incremental

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Funding (TBD)

120011 Incremental  
Funding (TBD)

120012 Incremental  
Funding (TBD)

1300 The Contractor shall provide Engineering/Technical support services for the AEGIS Ballistic Missile Defense Program in accordance with the Statement of Work Option 3 10/1/2007 - 9/30/2008 (TBD) \$1,699,952.00

130001 Incremental  
funding- \$90,431  
(TBD)

130002 Incremental  
funding- \$47,400  
MIDCON FTM-13  
SUPPORT/T&E  
Program (TBD)

130003 Incremental  
funding-  
\$100,000  
Engineering  
Support/T&E  
Program (TBD)

130004 Incremental  
funding - \$45,540  
  
MIDCON Wallops  
Island Support  
(TBD)

130005 Incremental  
funding -  
\$67,190  
MIDCON Data  
Collection T&E  
Program (TBD)

130006 Incremental  
funding -  
\$430,000  
MIDCON Core  
Engineering T&E  
Program (TBD)

130007 Incremental  
funding - 240,000

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MIDCON Core  
Engineering T&E  
Program (TBD)

130008 Incremental  
funding -  
\$40,540  
MIDCON GT-197 T&E  
Program (TBD)

130009 Incremental  
funding -  
\$162,000  
MIDCON Core  
Engineering T&E  
(TBD)

130010 Incremental  
funding -  
\$50,000  
Test Range  
Support at  
Wallops Island  
(TBD)

130011 Incremental  
funding - \$55,931  
PM Support (TBD)

130012 Incremental  
funding - \$85,000  
MIDCON Aegis BMD  
T&E Support (TBD)

130013 Incremental  
funding - \$39,742  
MIDCON Aegis BMD  
T&E Support (TBD)

1400 The Contractor shall provide Engineering/Technical support services for the AEGIS Ballistic Missile Defense Program in accordance with the Statement of Work Option 4 10/1/2008 - 4/4/2009 (TBD) \$824,906.00

140001 Incremental  
Funding - \$24,400  
MIDCON MDA/DTR  
T&E support of  
FTG-05 (TBD)

140002 Incremental  
Funding -  
\$743,650 MIDCON  
T&E CORE (OTHER)

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140003 Incremental  
Funding  
\$6,044 MIDCON  
FTM15 (OTHER)

140004 Incremental  
Funding  
MIDCON T&E  
(OTHER)

1401 The Contractor shall provide Engineering/Technical support services for the AEGIS Ballistic Missile Defense Program in accordance with the Statement of Work  
Option 4  
10/1/2008 -  
4/4/2009  
(FMS Case #JA-P-B  
IR) \$58,200.00

140101 Incremental  
Funding  
(FMS Case #JA-P-B  
IR)

For ODC Items:

Item	Supplies/Services	Qty	Unit	Est. Cost
3000	ODCs for Base Period 7/1/2005 - 9/30/2005 (TBD)	1.0	LO	\$143,390.00
3100	ODCs for Option 1 10/1/2005 - 9/30/2006 (TBD)	1.0	LO	\$584,612.00
310001	Deobligated \$34,804 (TBD)			
310002	Incremental Funding (TBD)			
310003	Incremental Funding (TBD)			
310004	Incremental Funding (TBD)			
310005	Incremental Funding (TBD)			
310006	Incremental Funding (TBD)			

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310007 Incremental  
Funding (TBD)

310008 Incremental  
Funding (TBD)

310009 Incremental  
Funding (TBD)

310010 Incremental  
Funding (TBD)

310011 Incremental  
Funding (TBD)

310012 Incremental  
Funding (TBD)

310013 Incremental  
Funding (TBD)

310014 Deobligated  
\$76,500 (TBD)

3200 ODCs for Option 2                    1.0 LO                    \$595,717.00  
10/1/2006 -  
9/30/2007 (TBD)

320001 Incremental  
Funding (TBD)

320002 Incremental  
Funding (TBD)

320003 Incremental  
Funding (TBD)

320004 Incremental  
Funding (TBD)

320005 Incremental  
Funding (TBD)

320006 Incremental  
Funding (TBD)

320007 Incremental  
Funding (TBD)

320008 Incremental  
Funding (TBD)

3300 ODCs for Option 3                    1.0 LO                    \$532,582.00  
(US FUNDING)  
10/1/2007 -  
9/30/2008 (TBD)

330001 Incremental  
Funding- \$1,000  
(TBD)

330002 Incremental



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Funding - \$4,460  
(TBD)

330003 Incremental  
Funding - \$9,850  
(TBD)

330004 Incremental  
Funding - \$30,210  
(TBD)

330005 Incremental  
Funding - \$20,000  
(TBD)

330006 Incremental  
Funding - \$10,000  
(TBD)

330007 Incremental  
Funding - \$35,000  
(TBD)

3301 ODCs for Option 3                    1.0 LO                    \$74,670.00  
(FMS FUNDING)  
10/1/2007 -  
9/30/2008  
(FMS Case #JA-P-B  
IN)

330101 Incremental  
Funding -  
\$74,670  
AEGIS BMD  
TEST/EVALUATION  
(FMS Case #JA-P-B  
IN)

3400 ODCs for Option                    1.0 LO                    \$272,619.00  
4  
10/1/2008 -  
4/4/2009 (TBD)

340001 Incremental  
Funding - \$25,600  
MIDCON MDA/DTR  
T&E support of  
FTG-05 (TBD)

340002 Incremental  
Funding - \$44,666  
MIDCON FTM15  
(OTHER)

3401 ODCs for Option                    1.0 LO                    \$37,000.00  
4  
10/1/2008 -  
4/4/2009  
(FMS Case #JA-P-B  
IR)

340101 Incremental  
Funding  
(FMS Case #JA-P-B

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IR)

For Cost Type Items:

Item	Supplies/Services	Qty Unit	Est. Cost	Fixed Fee	CPFF
4000	The Contractor shall provide Engineering/Technical support services for the AEGIS Ballistic Missile Defense Program in accordance with the Statement of Work Option 5 4/5/2009 - 9/30/2009 (TBD)				\$858,106.00
400001	Incremental Funding MIDCON T&E (OTHER)				
400002	Incremental Funding MIDCON T&E (OTHER)				
400003	Incremental Funding MIDCON Aegis BMD T&E Core Support (OTHER)				
400004	Incremental Funding MIDCON Aegis BMD FTM-15 WASP Support (OTHER)				
400005	Incremental Funding MIDCON Aegis BMD FTS-06 Support (OTHER)				
400006	Incremental Funding (OTHER)				
400007	Incremental Funding (OTHER)				
400008	Incremental Funding (OTHER)				
400009	Incremental Funding Aegis BMD (OTHER)				

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400010 Incremental  
Funding  
MIDCON MDA FTG-06  
Support (OTHER)

400011 Incremental  
Funding  
MIDCON BMD T&E  
(OTHER)

4001 The Contractor shall provide Engineering/Technical support services for the AEGIS Ballistic Missile Defense Program in accordance with the Statement of Work Option 5 4/5/2009 - 9/30/2009 (FMS Case #JA-P-CAE) (FMS Case #JA-P-CAE)

\$25,000.00

400101 Incremental  
Funding  
Aegis BMD JFTM-3  
(FMS Case #JA-P-CAE)  
AE)

4100 The Contractor shall provide Engineering/Technical support services for the AEGIS Ballistic Missile Defense Program in accordance with the Statement of Work Option 6 10/1/2009 - 6/30/2010 (TBD)

\$1,262,001.00

410001 Incremental  
Funding (OTHER)

410002 Incremental  
Funding (OTHER)

410003 Incremental  
Funding (OTHER)

410004 Incremental  
Funding (OTHER)

410005 Incremental  
Funding (OTHER)

410006 Incremental

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Funding (OTHER)

410007 Incremental  
Funding (OTHER)

410008 Incremental  
Funding (WCF)

410009 Incremental  
Funding (WCF)

410010 Incremental  
Funding (WCF)

410011 Incremental  
Funding (WCF)

4101 The Contractor shall provide Engineering/Technical support services for the AEGIS Ballistic Missile Defense Program in accordance with the Statement of Work Option 6 10/1/2009 - 6/30/2010 (FMS Case #JA-P-C AE) \$66,560.00

410101 Incremental  
Funding  
(FMS Case #JA-P-C  
AE)

For ODC Items:

Item	Supplies/Services	Qty	Unit	Est. Cost
6000	ODCs for Option 5 4/5/2009 - 9/30/2009 (TBD)	1.0	LO	\$309,619.00
600001	Incremental Funding (OTHER)			
600002	Incremental Funding (OTHER)			
6100	ODCs for Option 6 10/1/2009 - 6/30/2010 (TBD)	1.0	LO	\$431,139.00
610001	Incremental Funding (OTHER)			
610002	Incremental			

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Funding (OTHER)

610003 Incremental  
Funding (OTHER)

610004 Incremental  
Funding (OTHER)

610005 Incremental  
Funding (OTHER)

610006 Incremental  
Funding (WCF)

6101 ODCs for Option 6 1.0 LO \$26,000.00  
10/1/2009 -  
6/30/2010  
(FMS Case #JA-P-C  
AE)

610101 Incremental  
Funding  
(FMS Case #JA-P-C  
AE)

TYPE OF ORDER

This is a Term (LOE) order with cost plus fixed fee pricing. CLINs 3000 and 6000 are cost (no fee) CLINs.

ADDITIONAL SLINS

Additional SLINS may be unilaterally created by the Contracting Officer during the performance of this Task Order to accommodate multiple types of funds that may be used under this Order. These modifications will not change the overall level of effort, estimated cost, or fixed fee of the Task Order.

HQ B-2-0004 EXPEDITING ORDER CLOSEOUT (NA VSEA) (DEC 1995)

(a) As part of the negotiated total estimated amount of this order, 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 order closeout. The term "residual dollar amount" shall include all money that would otherwise be owed to either party at the end of the order, 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 party associated with collecting such small dollar amounts could exceed the amount to be recovered.

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## SECTION C DESCRIPTIONS AND SPECIFICATIONS

### MISSILE DEFENSE COMMUNICATIONS AND OPERATIONS NODE

#### C.1 GENERAL INFORMATION

The AEGIS Ballistic Missile Defense (BMD) Program is one of the major missile defense programs within the Missile Defense Agency (MDA). The AEGIS BMD Program is based on the AEGIS Weapon System, including the Standard Missile 3 (SM-3). The program is developing and deploying a capability to intercept enemy ballistic missiles in the exoatmosphere. The MDA and the AEGIS BMD program conduct several flight missions each year from missile ranges throughout the world, including the Pacific Missile Range Facility (PMRF) in Kauai, HI; the Kodiak Launch Complex (KLC) in Kodiak, AK; the Ronald Reagan (WFF) on Wallops Island, VA; and the White Sands Missile Range (WSMR) in New Mexico. These flight missions involve the launch of surrogate ballistic targets and the launch of interceptors to destroy the targets. They also involve the testing of the overall MDA Ballistic Missile Defense System (BMDS) as it pertains to command & control battle management and communications (C2BMC) issues, AEGIS ship certifications, Initial Defensive Operations (IDO), and other test purposes.

#### C.2 BACKGROUND

One element of the AEGIS BMD Test and Evaluation Program is a communication/sensor processing capability called the Missile Defense Communications and Operations Node (MIDCON). MIDCON consists of a small test team that specializes in:

receiving and processing real-time exoatmospheric ballistic missile target state vector information from multiple, simultaneous radar and optical sensors (ground, air, and space), performing data fusion (both Infrared/Radio Frequency (IR.RF0 and RF/RF) to form an improved target state vector track and converting the fused data into a variety of message formats, and transmitting the fused target state vector messages to several simultaneous end-users, including airborne aircraft hosting infrared sensors, C2BMC ground nodes, AEGIS hardware-in-the-loop facilities, missile hardware-in-the-loop facilities, various ground based optical sensors, and other test sites.

The MIDCON team has been performing this task for a dozen years and has developed customized interfaces and message formats to support the test requirements. The MIDCON Team typically supports between 5 and 10 live-fire operations per year.

#### C.3 SCOPE

This effort is specifically for the planning, operations, and conduct of the Missile Defense Communications and Operations (MIDCON) capability for the AEGIS Ballistic Missile Defense Program, the Missile Defense Agency, and the DoD and to provide general engineering services to the MDA and DoD.

#### C.4 GENERAL REQUIREMENTS

All support services shall be provided at the Contractor's site, at specified launch locations for mission support, and other contractor and government sites as dictated by the Navy AEGIS BMD mission planning process.

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The contractor must be prepared to support mission planning efforts on the day of contract award.

The contractor must be able to execute MIDCON live-fire AEGIS BMD launch operations at specified missile ranges within 15 days of contract award. The contractor must have knowledge of the preparations, plans, architectures, and MIDCON requirements for the following missions: Flight Test Mission 04-1 (FTM-04-1), At-Sea Demonstration Mission, Medium Range Target (MRT), and FTM-04-2.

The contractor must have detailed knowledge of MIDCON operations, software, test procedures, sensor interface nodes, range/other existing test interfaces, and other MIDCON-specific engineering knowledge.

The contractor must be able to process range telemetry in the following formats: Ronald Reagan Test Site (RTS) Data stream #10 and #7, Kodiak Telemetry stream in IRIG 161-85 format, Pacific Missile Range Facility message formats on the internal network, including PMRF message 25 and message #26.

The contractor must have detailed knowledge of the operation and capabilities of the Joint National Integration Center (JNIC) as it relates to MIDCON test operations.

The contractor shall support the Government staff with an efficient use of personnel utilizing an effective mix of experience and technical expertise to provide an adaptable, flexible structure that is best suited to accomplishing both planned and emergent tasks. Emphasis shall be placed on a team structure that maximizes productivity, efficiency, and accountability within the funding ceiling provided by the Government. The contractor must execute the scope of work that provides for high quality, timely, and well-integrated support services.

The contractor shall have an electronic mail capability and have the necessary connectivity to communicate with Naval Surface Warfare Center Dahlgren Division (NSWCDD), the AEGIS BMD Program Office, and the Missile Defense Agency team members. The contractor must have the capability to interface via electronic mail and provide Internet addresses and access for all employees supporting the task.

### C.5 SECURITY REQUIREMENTS

The contractor shall ensure that its personnel are U.S. citizens

The contractor shall ensure that all key staff hold at a minimum a SECRET clearance at date of contract award.

The contractor shall ensure that the Communications Engineer or equivalent hold a TOP SECRET clearance at date of contract award.

The contractor shall ensure that all staff have access to Common Access Card (CAC) cards within 15 days of contract award.

The contractor shall ensure that all staff are certified with MDA Anti-Terrorism Training within 15 days of contract award.

The contractor shall have the ability to receive, log, track, and store Classified documents up to TOP SECRET, in accordance with applicable regulations.

The contractor shall have office(s) and storage facilities approved for Classified material, have the ability to work with TOP SECRET material at its

office(s), and provide computer resources cleared to the SECRET level for document generation.

### C.6 ENGINEERING REQUIREMENTS

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## C.6.1 MIDCON Support Task

### C.6.1.1 MIDCON Mission Planning

a. The Contractor shall lead and develop all Missile Defense Communications and Operations Node (MIDCON) pre-mission analyses and planning activities. This includes developing MIDCON pre-mission predictions, objectives, test architectures, test interfaces, test software/hardware configuration, deployment schedules, and other pertinent information. The Contractor must be able to present MIDCON analysis at major mission planning meetings including Test and Evaluation Working Groups (TEWGs), Instrumentation Working Groups (IWGs) Scenario Certification, Mission Control Panels (MCPs), and Mission Readiness Reviews (MRRs). The Contractor is required to develop and define MIDCON facility requirements, COMSEC requirements, SATCOM requirements, launch operations requirements, range interface requirements, message format requirements, and other mission specific requirements. The Contractor is required to develop pre-mission data tape files for the missile trajectory in MIDCON-specific message formats. The Contractor is required to develop pre-mission cueing accuracy predictions. The contractor shall develop all major MIDCON mission planning documentation for MIDCON including Test Plans, Test Procedures, Integrated Test Schedules, Interface and Message Format Documents, Operation Requirements (OR) inputs, Data Analysis Plan (DMAP) inputs, and other documents as needed. The Contractor shall perform trajectory analysis and develop pre-mission digital test scenarios/data files for use in pre-mission testing.

b. The Contractor shall provide other mission planning functions including:

provide test coordination and scheduling, integration, contractor coordination, auxiliary participant test coordination, test status reporting, and configuration management; provide documentation to support both fixed station and remote MIDCON operations; coordinate approvals and procedures with appropriate Defense Security Service; and maintain active documentation and control.

### C.6.1.2 MIDCON Test Execution and Operations

a. The Contractor shall lead, define, and execute all MIDCON pre-mission operations and live-fire operations including point-to-point and end-to-end testing with major test assets including, but not limited to, the High Altitude Observatory (HALO) aircraft, the Widebody Airborne Sensor Platform (WASP) aircraft, the AEGIS End-to-End Development Demonstration Systems (ETEDDS), the Research BESC Integration and Test Element (R-BITE), and the SPAWAR San Diego BTS laboratory. The Contractor shall maintain configuration control and update MIDCON customized message transmission formats including the In-Flight Target Update (IFTU) Message and the Intelligent Communication Router (ICR) format; the IRIG I61-85 message format; and the Link 16 J3.6, J7.1, J2.x message format among others. The Contractor shall provide the MIDCON Test Team to execute all MIDCON test objectives. The Contractor shall provide MIDCON Engagement Coordination Systems (ECS) software engineers, MIDCON Data Fusion (DFT) software engineers, MIDCON communication engineers, MIDCON Test Directors, and MIDCON Test Support Team. The Contractor shall set up, configure, and operate all MIDCON hardware, software, COMSEC equipment, and other test support assets to perform real-time missions operations. The Contractor shall deploy and work on-site as directed at major test ranges including the Pacific Missile Range Facility (PMRF). The Contractor shall establish, configure, and operate the MIDCON Test Control Center within the Battle Management Integration Center (BMIC) at PMRF.

b. As directed, the MIDCON team shall support specified live launches, demonstrations, and exercises demonstrating the ability to receive and process real-time ballistic missile tracking data from multiple sensor platforms including space based sensors, sea-based sensors, ground based sensors, and airborne sensors including, but not limited to: Early Warning Radar (EWR), PMRF range radars, Western Range radars (FPQ-14), AEGIS, Cobra Judy, Ronald Reagan Test Site radars (ALCOR, ATAIR, TRADEX, MMW), Cobra Ball, DSP output data, SM-3 missile GPS telemetry, and Ground Based Radar (GBR-P) among others.

c. The Contractor shall fuse data in real-time to provide more accurate threat trajectory flight path calculations and shall transmit fused data in MIDCON-specific In-Flight Target Updates (IFTUs) message format to airborne WASP aircraft for pointing the Standard Missile 3 (SM-3) captive carry seeker. The Contractor shall also transmit the real-time fused and raw radar data to other nodes including AEGIS and SM-3 computer/hardware-in-the-loop facilities located throughout the United States. The Contractor must be able to establish communication and data transmission interfaces with major target launch facilities including the Pacific Missile Range Facility (PMRF), the



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Ronald Reagan Test Site in Kwajalein, the Kodiak Launch Complex in Kodiak, Alaska, and the Western Range at Vandenberg Air Force Base.

d. The Contractor shall maintain, operate, and configure Satellite Communication (SATCOM) radios and be able to transmit via SATCOM and other COMSEC mediums fused, unfused, raw, and filtered target state vector data to multiple simultaneous end-users including WASP, HALO I, HALO II, End-to-end Development Demonstration Site (ETEDDS), R-BITE, and the PMRF internal network (iNet).

e. The Contractor must be able to process Joint Tactical Data Information Distribution System (JTIDS) J-series messages including the J3.6 space track message with and without full co-variance. The Contractor must be able to generate J7.1 Data Update Requests on-demand and at variable time steps and must be able to determine if the AEGIS ships and other TADIL elements respond with full, partial, or no covariance.

f. The Contractor shall provide launch operations and other engineering services for MIDCON to support pre-mission functions (including Concept Development; Planning; Software and Systems Engineering; and Hardware, Communications); the mission (Operations); and post-mission functions (including analysis and Reporting).

#### C.6.1.3 MIDCON Data Analysis and Reporting

a. The Contractor shall prepare and present all MIDCON Post-Mission Test Reports including the MIDCON Key Observables Report, MIDCON Quick Look Report, and the MIDCON Mission Data Review Report, as directed. The Contractor shall analyze results from MIDCON and other LINK-16 AEGIS BMD Testbed elements and identify discrepancies discovered during mission events. The Contractor shall prepare and present MIDCON LINK-16 test results to the Navy Data Analysis Group (DAG) including information on LINK-16 data latency and message counts. The Contractor shall support the missile range(s) in anomaly resolution and radar performance assessments.

b. The Contractor reporting requirement shall include, but is not limited to:

Attend and provide MIDCON reports for Hot Wash Reviews, Quick-Look Reviews; Mission Data Reviews; and other post-mission meetings, and other technical interchange meetings. The Contractor analysis services requirement shall include, but is not limited to: provide analysis of MIDCON software and system performance, algorithm performance, integrated system performance, and post mission data; analysis to include generation of initial "truth" data and comparisons to Best Estimated Trajectory (BET) data when available, estimation of data transmission latency, and estimation of predicted launch and impact points.

#### C.6.1.4 MIDCON Software and Hardware Maintenance/Upgrades

a. The Contractor shall perform all software development, maintenance, and upgrades to the MIDCON mission operations software. The Contractor shall maintain, develop, and upgrade MIDCON data fusion algorithms, sensor interface nodes, sensor tracking algorithms, mission visualization software, and other needed software. The Contractor shall develop the capability to run MIDCON software in Linux. The Contractor shall integrate COMSEC, SATCOM, PMRF, SPAWAR, and other launch sites for each mission. The Contractor shall maintain, store, and upgrade as needed the MIDCON equipment in mission support equipment including mission workstations, crypto equipment, SATCOM radios, STUs, cables, antennas, and other mission equipment.

b. The Contractor shall provide MIDCON specific algorithm development and implementation, physics and mathematical analysis, and systems modeling; maintain/upgrade existing custom MIDCON software interfaces that receive real-time orbital, ground based, ship-based, airborne infrared (IR), and radar sensor data; and feed sensor data into a data fusion engine which performs a variety of functions such as track association, correlation, fusion, and target impact/launch point estimation. (Fusion algorithms must address both IR and radar data fusion and must be continually upgraded, maintained, and enhanced.)

#### C.6.1.5 MIDCON Communications and Facilities Engineering

a. The Contractor shall provide logistics, fabrication, installation, integration, COMSEC, facility security, structural and communications modifications, and contractual requirements; make necessary changes, modifications and/or upgrades to mission unique equipment (such as cryptographic devices and emulators, C-

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band and UHF secure satellite communications radios, and secure analog encryption units along with associated networking and distributed data display units); perform the required design, fabrication, integration, test, and operation of secure UHF DAMA SATCOM systems at multiple fixed station and tactical locations while maintaining and adhering to necessary frequency management criteria; maintain and control a Traditional/SOCA COMSEC account for the ordering, acquisition, operation, reporting, and safeguarding of Air Force, Navy, Army, and Marine Corps compatible COMSEC material; coordinate with appropriate Controlling Authorities and applicable DoD agencies for operational security, access control, and accountability.

#### C.6.2 Testbed Algorithms Task

a. Under this effort the Contractor shall provide detailed mission planning support for missile flight tests along with data reduction and data analysis support of both domestic and foreign tests. The Contractor shall support algorithm development efforts in the areas of target acquisition, handover, and tracking; target discrimination; countermeasure mitigation; kill assessment; etc. The Contractor shall support a broader data fusion effort between optical, radar, and Intel communities. The Contractor shall help integrate the various algorithm development efforts underway with SMDC, MDA, MIT/LL contractors and other agencies.

#### C.6.3 System Engineering Services

a. The Contractor shall provide systems engineering support for equipment integration, test planning, operations, and data analysis. The Contractor shall identify, recommend, and define methods for improving and enhancing test scenarios; work with AEGIS BMD, MDA, contractors, and laboratories to develop test infrastructure enhancements; develop new test CONOPS and scenarios; and develop plans for test enhancements such as the downlink of ETEDDS, ABL, KI, and other BMDs elements to improve test effectiveness. The Contractor shall explore the incorporation of existing tools and techniques related to data fusion technology into LINK-16 to increase track file accuracy. The Contractor shall examine other potential LINK-16 enhancements and analyze their benefit to the AEGIS BMD application. The Contractor shall work with the interoperability community to understand, identify, resolve, and improve link transmission issues and accuracy and perform latency analyses. The Contractor shall perform AEGIS Weapon System and Standard Missile 3 analyses, studies, white papers, and conceptual studies; perform requirements engineering and other related engineering assessments; and assist in test facility assessments and other engineering trade studies in support of MDA and AEGIS BMD block upgrades.

b. As needed, the Contractor shall support AEGIS BMD, MDA, and other DoD agencies/field offices in conducting system engineering studies; facility assessments; concept studies; modeling and simulation development; hardware/software integration; requirements analysis; weapon system evaluations; program management support; and other related engineering studies, evaluations, and assessments in support of DoD weapon system initiatives and activities, including but not limited to AEGIS Weapon System, Standard Missile 3, infrared seekers; propulsion systems and other related advanced weapon technology areas.

#### C.7 TRAVEL

- a. Three trips, four people, for sixteen days each trip to San Diego, CA.
- b. Three trips, four people, for sixteen days each trip to Kauai, HI.
- c. Four trips, one person, for three days each trip to Huntsville, AL.
- d. Four trips, one person, for three days each trip to San Diego, CA.
- e. Four trips, one person, for three days each trip to Baltimore, MD.
- f. Four trips, one person, for three days each trip to Oxnard, CA.
- g. Ten trips, one person, for three days each trip to Arlington, VA.
- h. Six trips, two people, for three days each trip to Huntsville, AL.

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- i. Six trips, two people, for three days each trip to Boston, MA.
- j. Five trips, one person, for three days each trip to Huntington Beach, CA.
- k. Three trips, two people, for three days each trip to Colorado Springs, CO.
- l. Two trips, two people, for five days each trip to Monterey, CA.
- m. Two to six trips, two people, for two to five days each trip to Port Hueneme, CA; Los Angeles, CA, and Tucson, AZ.

#### C.8 DELIVERABLES

Attachment J.1 provides a master Contract Data Requirements List (CDRL) for this requirement.

- a. Status Reports due twice monthly detailing software changes and mission planning activities.
- b. Key Observables Report due within 48 hours of launch detailing test objectives, test architecture, and mission highlights.
- c. Quick Look Report due within 10 working days of launch describing test objectives, test architectures, message counts with latency, screen captures (if unclassified), and preliminary analysis of any anomalies (upon request).
- d. Final Report within 90 days of launch (as requested) describing test objectives, test architectures, message counts with latency, screen captures (if unclassified), and data fusion and other pertinent performance results.

#### C.9 PERIOD OF PERFORMANCE

- a. The Period of Performance for this effort is specified in Section F of the Order.

#### C.10 TASK ENGINEER

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## **SECTION D PACKAGING AND MARKING**

Packaging and Marking shall be in accordance with Section D of the basic IDIQ Contract.

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## **SECTION E INSPECTION AND ACCEPTANCE**

Inspection and Acceptance will be performed at NSWCCD, Dahlgren, VA by the TOM designated herein.

This is a Performance Based Task Order. The Contractor's Performance will be monitored in accordance with Attachment J.3 Quality Assurance Surveillance Plan.

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## SECTION F DELIVERABLES OR PERFORMANCE

### CLIN - DELIVERIES OR PERFORMANCE

The periods of performance for the following firm items are listed below:

1000	7/1/2005 - 9/30/2005
1100	10/1/2005 - 9/30/2006
1200	10/1/2006 - 9/30/2007
1300	10/1/2007 - 9/30/2008
1400	10/1/2008 - 4/4/2009
1401	10/1/2008 - 4/4/2009
3000	7/1/2005 - 9/30/2005
3100	10/1/2005 - 9/30/2006
3200	10/1/2006 - 9/30/2007
3300	10/1/2007 - 9/30/2008
3301	10/1/2007 - 9/30/2008
3400	10/1/2008 - 4/4/2009
3401	10/1/2008 - 4/4/2009
4000	4/5/2009 - 9/30/2009
4001	4/5/2009 - 9/30/2009
4100	10/1/2009 - 6/30/2010
4101	10/1/2009 - 6/30/2010
6000	4/5/2009 - 9/30/2009
6100	10/1/2009 - 6/30/2010
6101	10/1/2009 - 6/30/2010

The periods of performance for the following option items are listed below:

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**SECTION G CONTRACT ADMINISTRATION DATA**

**PAYMENT INSTRUCTIONS FOR MULTIPLE ACCOUNTING CLASSIFICATION CITATIONS**

The payment office shall ensure that each payment under this contract is made in accordance with the accounting classification reference numbers (ACRNs) shown on each individual invoice. ACRNs are cited by the contractor on each invoice in accordance with clause 5252.232-9000, 5252.232-9001, or 5252.232-9003, as appropriate.

**SEA 5252.232-9104 ALLOTMENT OF FUNDS (MAY 1993)**

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

In accordance with the basic contract, the allotment of funds and period of performance is provided below:

	ALLOTTED TO COST	ALLOTTED TO FEE	ESTIMATED POP
4100			10/1/2009 - 6/30/2010
6100	\$ 114,402.49		

(b) The parties contemplate that the Government will allot additional amounts to this contract from time to time for the incrementally funded CLINs/SLINs by unilateral contract modification, and any such modification shall state separately the amount(s) allotted for cost, the amount(s) allotted for fee, the CLINs/SLINs covered thereby, and the period of performance which the amount(s) are expected to cover.

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(c) CLINs/SLINs are fully funded and performance under these CLINs/SLINs is subject to the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable.

(d) The Contractor shall segregate costs for the performance of incrementally funded CLINs/SLINs from the costs of performance of fully funded CLINs/SLINs.

**FUNDING PROFILE**

In accordance with the basic contract, the funding profile is provided below:

It is estimated that the funds to date will provide for **of Labor CLIN 4100**

**Option 6**

The following details funding to date:

	Total	Funds This Action	Previous Funding	Total Funds Available	Balance Unfunded
CLIN 4100	\$1,262,001	\$278,045.73	\$864,000.00	\$1,142,045.73	\$119,955.27
CLIN 6100	\$431,139	\$4,902.49	\$109,500.00	\$114,402.49	\$316,736.51

**PAYMENTS OF FEE(S) (LEVEL OF EFFORT) (NAVSEA) (MAY 1993)**

(a) For purposes of this delivery order, "fee" means "fixed fee" in cost-plus-fixed-fee level of effort type delivery orders.

(b) The Government shall make payments to the Contractor, subject to and in accordance with the clause in this contract entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE", (FAR 52.216-10), as applicable. Such payments shall be equal to the percentages shown in the below table of the allowable cost of each invoice submitted by and payable to the Contractor pursuant to the clause of this contract entitled "ALLOWABLE COST AND PAYMENT" (FAR 52.216-7), subject to the withholding terms and conditions of the "FIXED FEE" or "INCENTIVE FEE" clause, as applicable (percentage of fee is based on fee dollars divided by estimated cost dollars, including facilities capital cost of money). Total fee(s) paid to the Contractor shall not exceed the fee amount(s) set forth in this contract.

(c) The fee(s) specified in SECTION B, and payment thereof, is subject to adjustment pursuant to paragraph (g) of the special contract requirement entitled "LEVEL OF EFFORT." If the fee(s) is reduced and the reduced fee(s) is less than the sum of all fee payments made to the Contractor under this contract, the Contractor shall repay the excess amount to the Government. If the final adjusted fee exceeds all fee payments made to the contractor under this contract, the Contractor shall be paid the additional amount, subject to the availability of funds. In no event shall the Government be required to pay the Contractor any amount in excess of the funds obligated under this contract at the time of the discontinuance of work.

(d) Fee(s) withheld pursuant to the terms and conditions of this contract shall not be paid until the contract has been modified to reduce the fee(s) in accordance with the "LEVEL OF EFFORT" special contract requirement, or until the Procuring Contracting Officer has advised the paying office in writing that no fee adjustment is required.



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(a) The Contractor agrees to provide the total level of effort specified below in performance of the work described in Sections B and C of this contract. The total level of effort for the performance of this contract shall be the total man-hours of direct labor, including subcontractor direct labor for those subcontractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort. The man-hours are listed below. (The table below and the blank in paragraph (d) are to be completed by the offeror as part of their proposal.)

	Total Manhours	Compensated	Uncompensated
Base Period			
Option 1			
Option 2			
Option 3			
Option 4			
Option 5			
Option 6			
Total			

(b) Listed above are both the compensated and uncompensated man-hours associated with this order.

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

(c) Effort performed in fulfilling the total level of effort obligations specified above shall only include effort performed in direct support of this contract and shall not include time and effort expended on such things as (local travel to and from an employee's usual work location), uncompensated effort while on travel status, truncated lunch periods, work (actual or inferred) at an employee's residence or other non-work locations, or other time and effort which does not have a specific and direct contribution to the tasks described in Sections B and C.

(d) The level of effort for this contract shall be expended at an average rate of approximately \_\_\_\_\_ hours per week. It is understood and agreed that the rate of man-hours per month may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total man-hours of effort prior to the expiration of the term hereof, except as provided in the following paragraph.

(e) If, during the term hereof, the Contractor finds it necessary to accelerate the expenditure of direct labor to such an extent that the total man hours of effort specified above would be used prior to the expiration of the term, the Contractor shall notify the Contracting Officer in writing setting forth the acceleration required, the probable benefits which would result, and an offer to undertake the acceleration at no increase in the estimated cost or fee together with an offer, setting forth a proposed level of effort, cost breakdown, and proposed fee, for continuation of the work until expiration of the term hereof. The offer shall provide that the work proposed will be subject to the terms and conditions of this contract and any additions or changes required by then current law, regulations, or directives, and that the offer, with a written notice of acceptance by the Contracting Officer, shall constitute a binding contract. The Contractor shall not accelerate any effort until receipt of such written approval by the Contracting Officer. Any agreement to accelerate will be formalized by contract modification.

(f) The Contracting Officer may, by written order, direct the Contractor to accelerate the expenditure of direct labor such that the total man hours of effort specified in paragraph (a) above would be used prior to the expiration of the term. This order shall specify the acceleration required and the resulting revised term. The Contractor shall acknowledge this order within five days of receipt.

(g) If the total level of effort specified in paragraph (a) above is not provided by the Contractor during the period of this contract, the Contracting Officer, at its sole discretion, shall either (i) reduce the fee of this contract as follows:

Fee Reduction = Fee (LOE minus Delivered LOE/LOE)

or (ii) subject to the provisions of the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20)

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or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable, require the Contractor to continue to perform the work until the total number of man hours of direct labor specified in paragraph (a) above shall have been expended, at no increase in the fee of this contract.

(h) The Contractor shall provide and maintain an accounting system, acceptable to the Administrative Contracting Officer and the Defense Contract Audit Agency (DCAA), which collects costs incurred and effort (compensated and uncompensated, if any) provided in fulfillment of the level of effort obligations of this contract. The Contractor shall indicate on each invoice the total level of effort claimed during the period covered by the invoice, separately identifying compensated effort and uncompensated effort, if any.

(i) Within 45 days after completion of the work under each separately identified period of performance hereunder, the Contractor shall submit the following information in writing to the Contracting Officer with copies to the cognizant Contract Administration Office and to the DCAA office to which vouchers are submitted: (1) the total number of man hours of direct labor expended during the applicable period; (2) a breakdown of this total showing the number of man hours expended in each direct labor classification and associated direct and indirect costs; (3) a breakdown of other costs incurred; and (4) the Contractor's estimate of the total allowable cost incurred under the contract for the period. Within 45 days after completion of the work under the contract, the Contractor shall submit, in addition, in the case of a cost overrun; (5) the amount by which the estimated cost of this contract may be reduced to recover excess funds and, in the case of an overrun in hours specified as the total level of effort; and (6) a calculation of the appropriate fee reduction in accordance with this clause. All submissions shall include subcontractor information.

(j) Deleted per Amendment 000I of the basic contract.

(k) Notwithstanding any of the provisions in the above paragraphs, the Contractor may furnish man hours up to five percent in excess of the total man hours specified in paragraph (a) above, provided that the additional effort is furnished within the term hereof, and provided further that no increase in the estimated cost or fee is required.

#### Ddl-G40 PAYMENT, SELECTED ITEMS OF COST REIMBURSEMENT CONTRACTS

##### (a) Travel Costs (Including Foreign Travel)

(1) Air: The contractor shall, to the maximum extent practicable, minimize overall travel costs by taking advantage of discounted airfare rates available through advance purchase. Charges associated with itinerary changes and cancellation under nonrefundable airline tickets are reimbursable as long as the changes are driven by the work requirement.

(2) Non-reimbursable Travel: The following travel shall not be reimbursed hereunder: travel performed for personal convenience or daily travel to and from work at the contractor's facility (i.e., designated work site).

##### (b) Training

The Government will not allow costs, nor reimburse costs associated with the contractor training employees in an effort to attain and/or maintain minimum personnel qualification requirements of this contract. Other training may be approved on a case-by-case basis by the COR. Attendance at workshops or symposiums is considered training for purposes of this clause.

##### (c) General Purpose Office Equipment (GPOE) and Information Technology (IT)

The cost of acquisition of GPOE and IT shall not be allowable as direct charges to this contract. The contractor is expected to have the necessary facilities to perform the requirements of this contract, including any necessary GPOE and IT. GPOE means equipment normally found in a business office such as desks, chairs, typewriters, calculators, file cabinets, etc. IT means any equipment or interconnected system or subsystem of equipment that is used in the automatic acquisition, storage, manipulation, movement, control, display, switching, interchange, transmission, or reception of data or information. IT includes computers, ancillary equipment, software, firmware and similar products, services (including support services), and related resources.

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SUBMISSION OF INVOICES (COST REIMBURSEMENT, TIME AND MATERIALS, LABOR HOUR, OR FIXED PRICE INCENTIVE) (JUL 1992)

(a) "Invoice" as used in this clause includes contractor requests for interim

payments using public vouchers (SF 1034) but does not include contractor requests for progress payments under fixed price incentive contracts.

(b)(i) In accordance with DFARS 242.803(b)(i)(c), the cognizant Defense Contract Audit Agency (DCAA) auditor has authorized the contractor to submit interim invoices directly to paying offices. This authorization does not extend to the first and final invoices, which shall be submitted to the contract auditor at the following address:

DCAA, Office: DCAA Rosslyn Branch Office, 6800 Versar Center, Suite 329, Springfield, Virginia 22151-4147

A copy of every invoice shall also be provided to the individual listed below, at the address shown:

Task Order Manager - identified above under Points of Contact for this Order

Contract Specialist - identified above under Points of Contact for this Order

NSWCDD Code XDM10

In addition, a copy of the final invoice shall be provided to the Administrative Contracting Officer (ACO).

(ii) Upon written notification to the contractor, DCAA may rescind its authorization for the contractor to submit interim invoices directly to the paying offices. Upon receipt of such written notice the contractor shall immediately begin to submit all invoices to the contract auditor at the above address.

(iii) Notwithstanding (i) and (ii), when delivery orders are applicable, invoices shall be segregated by individual order and submitted to the address(es) specified in the order.

(e) Invoices requesting interim payments shall be submitted no more than once every two weeks, unless another time period is specified in the Payments clause of this contract. For indefinite delivery type contracts, interim payment invoices shall be submitted no more than once every two weeks for each delivery order. There shall be a lapse of no more than thirty (30) calendar days between performance and submission of an interim payment invoice..

each invoice shall contain the following information, as applicable:

(d) In addition to the information identified in the Prompt Payment clause herein,

(1) Contract line item number (CLIN)

(2) Subline item number (SLIN)

(3) Accounting Classification Reference Number (ACRN)

(4) Payment terms

(5) Procuring activity

(6) Date supplies provided or services performed

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(7) Costs incurred and allowable under the contract

(8) Vessel (c.g., ship, submarine or other craft) or system for which supply/service is provided

(e) A DD Form 250, "Material Inspection and Receiving Report",

is required with each invoice submittal.

is required only with the final invoice.

X is not required.

(f) A Certificate of Performance

shall be provided with each invoice submittal.

(g) The Contractor's final invoice shall be identified as such, and shall list all

other invoices (if any) previously tendered under this contract.

(h) Costs of performance shall be segregated, accumulated and invoiced to the

appropriate ACRN categories to the extent possible. When such segregation of costs by ACRN is not possible for invoices submitted with CLINS/SLINS with more than one ACRN, an allocation ratio shall be established in the same ratio as the obligations cited in the accounting data so that costs are allocated on a proportional basis.

(i) When a vendor invoice for a foreign currency is provided as supporting documentation, the Contractor shall identify the foreign currency and indicate on the vendor invoice the rate of exchange on the date of payment by the Contractor. The Contractor shall also attach a copy of the bank draft or other suitable documents showing the rate of exchange. The contractor shall provide an English translation if the vendor invoice is written in a foreign language.

Accounting Data		Amount
SLINID	PR Number	
1000		109622.00
LLA :		
NA SEE ATTACHMENT J.9		
3000		12000.00
LLA :		
NA SEE ATTACHMENT J.9		
BASE Funding		121622.00
Cumulative Funding		121622.00
MOD 01		
1000		86675.00
LLA :		
NA SEE ATTACHMENT J.9		
3000		53325.00
LLA :		
NA SEE ATTACHMENT J.9		

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MOD 01 Funding 140000.00  
Cumulative Funding 261622.00

MOD 02

1000 72200.00

LLA :  
NA SEE ATTACHMENT J.9

110001 J53000/52551910 91000.00

LLA :  
AA 97 5 0400 2501 36 2216 40603888C00 255X/255Y MIPR5KJSBB7221 5HHK20 S01021

3000 114125.00

LLA :  
AA 9750400 8ABC 253 SA452 0 068342 2D 009510 070910000040

310001 J53000/52551910 34804.00

LLA :  
AA 97 5 0400 2501 36 2216 40603888C00 255X/255Y MIPR5KJSBB7221 5HHK20 S01021

MOD 02 Funding 312129.00  
Cumulative Funding 573751.00

MOD 04

110002 J54000/60240762 174000.00

LLA :  
AD 9760400 8ACA 253 SA452 0 068342 2D 009510 070910000040  
Standard Number: N0002406WX12114 (AA)

110003 J53000/53275188 87550.00

LLA :  
AE 97X4930.NH1E 000 77777 0 000178 2F 000000 21T7806MLPME

310002 J54000/60240762 26000.00

LLA :  
AD 9760400 8ACA 253 SA452 0 068342 2D 009510 070910000040  
Standard Number: RCP: N0002406WX12114 (AA)

310003 J53000/53275188 15450.00

LLA :  
AE 97X4930.NH1E 000 77777 0 000178 2F 000000 21T7806MLPME

MOD 04 Funding 303000.00  
Cumulative Funding 876751.00

MOD 06

110004 J50000/60800646 50000.00

LLA :  
AA: 9750400 8ABC 253 SA452 0 068342 2D 009510 070910000040  
Standard Number: RCP: N0002405WX11290 (AA)  
RDT&E

110005 J50000/60520516 50000.00

LLA :  
AD 9760400 8ACA 253 SA452 0 068342 2D 009510 070910000040  
Standard Number: RCP: N0002406WX12114 (AA)  
RDT&E

110006 J50000/60800651 54900.00

LLA :  
AF 97X4930.NH1E 000 77777 0 000178 2F 000000 21T7805MLC2M  
RDT&E

110007 J50000/60800654 500000.00

LLA :  
AG 9760400 8ACA 253 SA452 0 068342 2D 009510 080910000040  
Standard Number: RCP: N0002406WX12123 (AA)  
RDT&E

110008 J50000/60800653 64500.00

LLA :  
AG 9760400 8ACA 253 SA452 0 068342 2D 009510 080910000040

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Standard Number: RCP: N0002406WX12123 (AA)  
RDT&E

110009 J50000/60541043 43000.00  
LLA :  
AH 9760400 8ABF 253 SA452 0 068342 2D 009510 080410000000  
Standard Number: RCP: N0002406WX12320 (AA)  
RDT&E

310004 J50000/60800651 1000.00  
LLA :  
AF 97X4930.NH1E 000 77777 0 000178 2F 000000 21T7805MLC2M  
RDT&E

310005 J50000/60800654 26900.00  
LLA :  
AG 9760400 8ACA 253 SA452 0 068342 2D 009510 080910000040  
Standard Number: RCP: N0002406WX12123 (AA)  
RDT&E

310006 J50000/60800653 30000.00  
LLA :  
AG 9760400 8ACA 253 SA452 0 068342 2D 009510 080910000040  
Standard Number: RCP: N0002406WX12123 (AA)  
RDT&E

310007 J50000/60541043 5000.00  
LLA :  
AH 9760400 8ABF 253 SA452 0 068342 2D 009510 080410000000  
Standard Number: RCP: N0002406WX12320 (AA)  
RDT&E

310008 J50000/60520521 73500.00  
LLA :  
AJ 97X4930.NH1E 000 77777 0 000178 2F 000000 21J8206MAB01  
RDT&E

310009 J50000/60725477 150000.00  
LLA :  
AK 97 6 0400 2501 36 2216 40603888C00 255X/255Y MIPR6BDHAA3363 6HHK80 S01021

MOD 06 Funding 1048800.00  
Cumulative Funding 1925551.00

MOD 07

110010 J50000/61141793 200000.00  
LLA :  
AL 9760400 8ABF 253 SA452 0 068342 2D 009510 080410000000  
Standard Number: RCP: N0002406WX12718 (AA)  
RDT&E FUNDS

110011 J53000/61285737 48000.00  
LLA :  
AM 97X4930.NH1E 000 77777 0 000178 2F 000000 21T7805MLJCT  
AFMS FUNDS

110012 J50000/61141774 44000.00  
LLA :  
AN 97X4930.NH1E 000 77777 0 000178 2F 000000 21T7806MLFTM  
RDT&E FUNDS

310010 J50000/61141793 20000.00  
LLA :  
AL 9760400 8ABF 253 SA452 0 068342 2D 009510 080410000000  
Standard Number: RCP: N0002406WX12718 (AA)  
RDT&E FUNDS

310011 J50000/61141774 4000.00  
LLA :  
AN 97X4930.NH1E 000 77777 0 000178 2F 000000 21T7806MLFTM  
RDT&E FUNDS

MOD 07 Funding 316000.00  
Cumulative Funding 2241551.00

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MOD 09

110013 J53000/62064646 48000.00  
 LLA :  
 AP 97X4930.NH1E 000 77777 0 000178 2F 000000 21T7806ML191  
 RDDA Funds

310012 J53000/62064618 50000.00  
 LLA :  
 AG 9760400 8ACA 253 SA452 0 068342 2D 009510 080910000040  
 Standard Number: RCP: N0002406WX12123 (AA)  
 RDT&E FUNDS

MOD 09 Funding 98000.00  
 Cumulative Funding 2339551.00

MOD 10

110014 J53000/62577000 160000.00  
 LLA :  
 AQ 9760400.25FF YL6 4709 030203 646800 59200 63888C 503000 F03000 001212 29967 3564  
 05  
 Standard Number: MIPR F2KDAD6144G001  
 RDT&E FUNDS

110015 J53000/62400380 41000.00  
 LLA :  
 AR 9760400.2501 6BM-NMD1 40603882C00.J0808-85 25FB/255Y Y26MPRG3Y2 S01021Y26MPRG3Y2  
 /6Y2MPR/Y2  
 Standard Number: MIPR Y26MPRG3Y2  
 RDT&E FUNDS

310013 J53000/62400380 34000.00  
 LLA :  
 AR 9760400.2501 6BM-NMD1 40603882C00.J0808-85 25FB/255Y Y26MPRG3Y2 S01021Y26MPRG3Y2  
 /6Y2MPR/Y2  
 Standard Number: MIPR Y26MPRG3Y2  
 RDT&E FUNDS

MOD 10 Funding 235000.00  
 Cumulative Funding 2574551.00

MOD 11

120001 J50000/62716374 110000.00  
 LLA :  
 AD 9760400 8ACA 253 SA452 0 068342 2D 009510 070910000040  
 Standard Number: RCP: N0002406WX12114 (AA)  
 RDT&E FUNDS

310014 J53000/62705827 76500.00  
 LLA :  
 AK 97 6 0400 2501 36 2216 40603888C00 255X/255Y MIPR6BDHAA3363 6HHK80 S01021  
 Standard Number: MIPR6BDHAA3363  
 RDT&E FUNDS

320001 J50000/62716374 40000.00  
 LLA :  
 AD 9760400 8ACA 253 SA452 0 068342 2D 009510 070910000040  
 Standard Number: RCP: N0002407WX12114 (AA)  
 RDT&E FUNDS

MOD 11 Funding 226500.00  
 Cumulative Funding 2801051.00

MOD 12

120002 J51000/63323834 350000.00  
 LLA :  
 AS 9770400 8ACA 253 SA452 0 068342 2D 009510 080910000040  
 Standard Number: RCP: N0002407WX11577 (AA)  
 RDT&E FUNDS

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120003 J51000/63334116 68800.00  
 LLA :  
 AS 9770400 8ACA 253 SA452 0 068342 2D 009510 080910000040  
 Standard Number: RCP: N0002407WX11577 (AA)  
 RDT&E FUNDS

320002 J51000/63323834 100000.00  
 LLA :  
 AS 9770400 8ACA 253 SA452 0 068342 2D 009510 080910000040  
 Standard Number: RCP: N0002407WX11577 (AA)  
 RDT&E FUNDS

320003 J51000/63334116 25000.00  
 LLA :  
 AS 9770400 8ACA 253 SA452 0 068342 2D 009510 080910000040  
 Standard Number: RCP: N0002407WX11577 (AA)  
 RDT&E FUNDS

MOD 12 Funding 543800.00  
 Cumulative Funding 3344851.00

MOD 13

120004 J53000/70083080 313075.00  
 LLA :  
 AT 9770400.2501 7BM-NMD1 40603882C00.J0808-85 25FB/255Y Y2785H1Y2 S01021 Y2785H1Y2/7Y2  
 MPR/Y2  
 Standard Number: MIPR Y2785H1Y2  
 RDT&E FUNDS (Expires 11/30/2007)

320004 J53000/70083080 72500.00  
 LLA :  
 AT 9770400.2501 7BM-NMD1 40603882C00.J0808-85 25FB/255Y Y2785H1Y2 S01021 Y2785H1Y2/7Y2  
 MPR/Y2  
 Standard Number: MIPR Y2785H1Y2  
 RDT&E FUNDS (Expires 11/30/2007)

MOD 13 Funding 385575.00  
 Cumulative Funding 3730426.00

MOD 14

110014 J53000/62577000 (160000.00)  
 LLA :  
 AQ 9760400.25FF YL6 4709 030203 646800 59200 63888C 503000 F03000 001212 29967 3564  
 05  
 Standard Number: MIPR F2KDAD6144G001  
 RDT&E FUNDS

MOD 14 Funding -160000.00  
 Cumulative Funding 3570426.00

MOD 15

120005 Q53000/71372132 432310.00  
 LLA :  
 AS 9770400 8ACA 253 SA452 0 068342 2D 009510 080910000040  
 Standard Number: RCP: N0002407WX11577 (AA)  
 RDT&E FUNDS EXPIRES 12/31/2007

120006 Q53000/71372026 3000.00  
 LLA :  
 AU 9770400 8ABF 253 SA452 0 068342 2D 009510 080410000000  
 Standard Number: RCP: N0002407WX11861 (AA)  
 RDT&E FUNDS EXPIRES 09/30/2007

120007 Q53000/71372053 48000.00  
 LLA :  
 AU 9770400 8ABF 253 SA452 0 068342 2D 009510 080410000000  
 Standard Number: RCP: N0002407WX11861 (AA)  
 RDT&E FUNDS 09/30/2007

320005 Q53000/71372132 27690.00  
 LLA :



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AS 9770400 8ACA 253 SA452 0 068342 2D 009510 080910000040  
Standard Number: RCP: N0002407WX11577 (AA)  
RDT&E FUNDS EXPIRES 12/31/2007

320006 Q53000/71372026 45000.00  
LLA :  
AU 9770400 8ABF 253 SA452 0 068342 2D 009510 080410000000  
Standard Number: RCP: N0002407WX11861 (AA)  
RDT&E FUNDS EXPIRES 09/30/2007

320007 Q53000/71372049 30000.00  
LLA :  
AV 97X4930.NH1E 000 77777 0 000178 2F 000000 21Q8707KBF05  
RDT&E FUNDS EXPIRES 09/30/2007

MOD 15 Funding 586000.00  
Cumulative Funding 4156426.00

MOD 16

310014 J53000/62705827 (76500.00)  
LLA :  
AK 97 6 0400 2501 36 2216 40603888C00 255X/255Y MIPR6BDHAA3363 6HHK80 S01021  
Standard Number: MIPR6BDHAA3363  
RDT&E FUNDS

320008 J53000/62705827 76500.00  
LLA :  
AK 97 6 0400 2501 36 2216 40603888C00 255X/255Y MIPR6BDHAA3363 6HHK80 S01021  
Standard Number: MIPR6BDHAA3363  
RDT&E FUNDS EXPIRES 9/30/2007

MOD 16 Funding 0.00  
Cumulative Funding 4156426.00

MOD 17

110013 J53000/62064646 (27748.00)  
LLA :  
AP 97X4930.NH1E 000 77777 0 000178 2F 000000 21T7806ML191  
RDDA Funds

110015 J53000/62400380 (41000.00)  
LLA :  
AR 9760400.2501 6BM-NMD1 40603882C00.J0808-85 25FB/255Y Y26MPRG3Y2 S01021Y26MPRG3Y2  
/6Y2MPR/Y2  
Standard Number: MIPR Y26MPRG3Y2  
RDT&E FUNDS

120008 J53000/624400380 41000.00  
LLA :  
AR 9760400.2501 6BM-NMD1 40603882C00.J0808-85 25FB/255Y Y26MPRG3Y2 S01021Y26MPRG3Y2  
/6Y2MPR/Y2  
Standard Number: MIPR Y26MPRG3Y2  
RDT&E FUNDS FUNDS EXPIRE 9/30/2007

120009 J53000/62064646 27748.00  
LLA :  
AP 97X4930.NH1E 000 77777 0 000178 2F 000000 21T7806ML191  
RDDA FUNDS FUNDS EXPIRE 9/30/2007

MOD 17 Funding 0.00  
Cumulative Funding 4156426.00

MOD 18

120010 Q53000/72285646 45000.00  
LLA :  
AW 1771804 8B2B 253 YVSW5 0 068342 2D 000000 12BR30000010  
Standard Number: RCP: N4553407WXA0008 (AA)  
OMN FUNDS EXPIRES 9/30/2007

MOD 18 Funding 45000.00

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Cumulative Funding 4201426.00

MOD 19

110013 J53000/62064646 7.00  
 LLA :  
 AP 97X4930.NH1E 000 77777 0 000178 2F 000000 21T7806ML191  
 RDDA Funds

120009 J53000/62064646 (7.00)  
 LLA :  
 AP 97X4930.NH1E 000 77777 0 000178 2F 000000 21T7806ML191  
 RDDA FUNDS FUNDS EXPIRE 9/30/2007

MOD 19 Funding 0.00  
 Cumulative Funding 4201426.00

MOD 20

130001 Q53000/72544025 90431.00  
 LLA :  
 AX 97X4930 NH1E 000 77777 0 000178 2F 000000 21WBT0717000  
 RDDA Funds Expires 6/30/2008

330001 Q53000/72544025 1000.00  
 LLA :  
 AX 97X4930 NH1E 000 77777 0 000178 2F 000000 21WBT0717000  
 RDDA funds Expires 6/30/2007

MOD 20 Funding 91431.00  
 Cumulative Funding 4292857.00

MOD 22

120011 Q53000/72626924 160000.00  
 LLA :  
 AY 9760400 2520 6 BM 2520 40603888C00 255X MD6030203P4056 620052 S12135  
 Standard Number: MIPR MD6030203P4056  
 RDDA FUNDS EXPIRES 9/30/2007

MOD 22 Funding 160000.00  
 Cumulative Funding 4452857.00

MOD 23

110013 J53000/62064646 (7.00)  
 LLA :  
 AP 97X4930.NH1E 000 77777 0 000178 2F 000000 21T7806ML191  
 RDDA Funds

MOD 23 Funding -7.00  
 Cumulative Funding 4452850.00

MOD 24

320006 Q53000/71372026 (37196.00)  
 LLA :  
 AU 9770400 8ABF 253 SA452 0 068342 2D 009510 080410000000  
 Standard Number: RCP: N0002407WX11861 (AA)  
 RDT&E FUNDS EXPIRES 09/30/2007

MOD 24 Funding -37196.00  
 Cumulative Funding 4415654.00

MOD 25

120012 Q50000/73122665 37196.00  
 LLA :  
 AU 9770400 8ABF 253 SA452 0 068342 2D 009510 080410000000  
 Standard Number: RCP: N0002407WX11861 (AA)  
 RDDA FUNDS EXPIRES 6/30/2008

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MOD 25 Funding 37196.00  
Cumulative Funding 4452850.00

MOD 26

130002 W63000/7333514A 47400.00  
LLA :  
AZ 9780400 2520 8 BM 2520 40603892C00 255Y MD8B109C0P0946 820402 S12135  
Standard Number: MIPR MD8B109C0P0946  
RDDA FUNDS EXPIRES 3/31/2008

130003 W63000/7338511A 100000.00  
LLA :  
BA 9780400 2520 8 BM 2520 40603892C00 255Y MD8B109D0P0953 820403 S12135  
Standard Number: MIPR MD8B109D0P0953  
RDDA FUNDS EXPIRES 9/30/2009

MOD 26 Funding 147400.00  
Cumulative Funding 4600250.00

MOD 27

330101 Q51000/80044961 74670.00  
LLA :  
BB 97-11X8242 87JT 253 4Q452 0 068342 2D OSX202 S44BNNESS102Z  
Standard Number: RCP: N0002406WX50908 (AA)  
FMS FUNDS  
CASE #JA-P-BIN  
FUNDS EXPIRE 3/31/2008

MOD 27 Funding 74670.00  
Cumulative Funding 4674920.00

MOD 28

130004 Q51000/80523778 45540.00  
LLA :  
BC 97X4930 NH1E 000 77777 0 000178 2F 000000 21Q8B08GM710  
OMN FUNDS EXPIRES 9/30/2008

130005 W63000/8052527A 67190.00  
LLA :  
BE 9780400 2520 8 BM WAEG 40603892C00 255Y S12135 MD8B109C0P0946 820402  
Standard Number: MIPR MD8B109C0P0946 (AA)  
RDDA FUNDS EXPIRES 3/31/2008

130006 W63000/8056501A 430000.00  
LLA :  
BF 9780400 2520 8 BM WAEG 40603892C00 255Y S12135 MD8B109D0P0953 820403  
Standard Number: MIPR MD8B109D0P0953 (AA)  
RDDA FUNDS EXPIRES 9/30/2009

330002 Q51000/80523778 4460.00  
LLA :  
BC 97X4930 NH1E 000 77777 0 000178 2F 000000 21Q8B08GM710  
OMN FUNDS EXPIRES 9/30/2008

330003 W63000/8052531A 9850.00  
LLA :  
BD 97X4930 NH1E 000 77777 0 000178 2F 000000 21WB70850020  
RDDA FUNDS EXPIRES 3/31/2008

330004 W63000/8052527A 30210.00  
LLA :  
BE 9780400 2520 8 BM WAEG 40603892C00 255Y S12135 MD8B109C0P0946 820402  
Standard Number: MIPR MD8B109C0P0946 (AA)  
RDDA FUNDS EXPIRES 3/31/2008

MOD 28 Funding 587250.00  
Cumulative Funding 5262170.00

MOD 29

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130007 W63000/8102522A 240000.00  
 LLA :  
 BF 9780400 2520 8 BM WAEG 40603892C00 255Y S12135 MD8B109D0P0953 820403  
 Standard Number: MD8B109D0P0953 (AA)  
 RDDA FUNDS EXP 12/31/2008

130008 W63000/8102523A 40540.00  
 LLA :  
 BF 9780400 2520 8 BM WAEG 40603892C00 255Y S12135 MD8B109D0P0953 820403  
 Standard Number: MD8B109D0P0953 (AA)  
 RDDA FUNDS EXP 12/31/2008

330005 W63000/8102522A 20000.00  
 LLA :  
 BF 9780400 2520 8 BM WAEG 40603892C00 255Y S12135 MD8B109D0P0953 820403  
 Standard Number: MD8B109D0P0953 (AA)  
 RDDA FUNDS EXP 12/31/2008

330006 W63000/8102523A 10000.00  
 LLA :  
 BF 9780400 2520 8 BM WAEG 40603892C00 255Y S12135 MD8B109D0P0953 820403  
 Standard Number: MD8B109D0P0953 (AA)  
 RDDA FUNDS EXP 12/31/2008

MOD 29 Funding 310540.00  
 Cumulative Funding 5572710.00

MOD 30

130009 W63000/8142621A 162000.00  
 LLA :  
 BF 9780400 2520 8 BM WAEG 40603892C00 255Y S12135 MD8B109D0P0953 820403  
 Standard Number: MD8B109D0P0953 (AA)  
 RDDA FUNDS EXPIRES 12/31/2008

MOD 30 Funding 162000.00  
 Cumulative Funding 5734710.00

MOD 31

130010 Q51000/81823278 50000.00  
 LLA :  
 BC 97X4930 NH1E 000 77777 0 000178 2F 000000 21Q8B08GM710  
 OMN FUNDS EXPIRES 9/30/2008

MOD 31 Funding 50000.00  
 Cumulative Funding 5784710.00

MOD 32

130011 W63000/8225599A 55931.00  
 LLA :  
 BG 9780400 2520 8 BM WAEG 40603892C00 255Y S12135 MD8E10910P5196 820408  
 Standard Number: MD8E10910P5196 (AA)  
 RDDA FUNDS EXPIRES 9/30/2008

130012 Q51000/82321323 85000.00  
 LLA :  
 BE 9780400 2520 8 BM WAEG 40603892C00 255Y S12135 MD8B109C0P0946 820402  
 Standard Number: MD8B109C0P0946 (AA)  
 RDDA FUNDS EXPIRES 12/31/2008

130013 Q51000/82321361 39742.00  
 LLA :  
 BH 97X4930 NH1E 000 77777 0 000178 2F 000000 21Q7C08AMDRS  
 RDT&E FUNDS EXPIRES 9/30/2008

330007 Q51000/82321323 35000.00  
 LLA :  
 BE 9780400 2520 8 BM WAEG 40603892C00 255Y S12135 MD8B109C0P0946 820402  
 Standard Number: MD8B109C0P0946 (AA)

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RDDA FUNDS EXPIRES 12/31/2008

MOD 32 Funding 215673.00  
Cumulative Funding 6000383.00

MOD 33

140101 Q51000/82632163 58200.00  
LLA :  
BJ 97X4930 NH1E 000 77777 0 000178 2F 000000 21WBG08BRX07  
FMS FUNDS EXPIRES 03/31/2009  
CASE NO. JA-P-BIR

340101 Q51000/82632163 37000.00  
LLA :  
BJ 97X4930 NH1E 000 77777 0 000178 2F 000000 21WBG08BRX07  
FMS FUNDS EXPIRES 03/31/2009  
CASE NO JA-P-BIR

MOD 33 Funding 95200.00  
Cumulative Funding 6095583.00

MOD 34

140001 Q51000/82904415 24400.00  
LLA :  
BK 9780400 2520 8 BM GMD2 40603882C00 255Y MD8A108M2P6146 820006 S12135  
Standard Number: MD8A108M2P6146 (AA)  
RDDA FUNDS EXPIRES 9/30/2009

340001 Q51000/82904415 25600.00  
LLA :  
BK 9780400 2520 8 BM GMD2 40603882C00 255Y MD8A108M2P6146 820006 S12135  
Standard Number: MD8A108M2P6146 (AA)  
RDDA FUNDS EXPIRES 9/30/2009

MOD 34 Funding 50000.00  
Cumulative Funding 6145583.00

MOD 35

140002 Q51000/90403194 743650.00  
LLA :  
BL 9790400 2520 9 BM 2520 40603892C00 255Y MD9B109D1P2212 920514 S12135  
Standard Number: MD9B109D1P2212  
RDDA FUNDS EXPIRES 10/31/2009

140003 Q51000/90403201 6044.00  
LLA :  
BL 9790400 2520 9 BM 2520 40603892C00 255Y MD9B109D1P2212 920514 S12135  
Standard Number: MD9B109D1P2212  
RDDA FUNDS EXPIRES 1-/31/2009

340002 Q51000/90403201 44666.00  
LLA :  
BL 9790400 2520 9 BM 2520 40603892C00 255Y MD9B109D1P2212 920514 S12135  
Standard Number: MD9B109D1P2212  
RDDA FUNDS EXPIRES 10/31/2009

MOD 35 Funding 794360.00  
Cumulative Funding 5939943.00

MOD 36

140004 Q51000/90865224 18000.00  
LLA :  
BL 9790400 2520 9 BM 2520 40603892C00 255Y MD9B109D1P2212 920514 S12135  
Standard Number: MD9B109D1P2212  
RDDA FUNDS EXPIRES 9/30/2009

400001 Q51000/90865226 100000.00  
LLA :  
BL 9790400 2520 9 BM 2520 40603892C00 255Y MD9B109D1P2212 920514 S12135

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Standard Number: MD9B109D1P2212  
 RDDA FUNDS EXPIRES 9/30/2009

400002 Q51000/90865225 70000.00  
 LLA :  
 BL 9790400 2520 9 BM 2520 40603892C00 255Y MD9B109D1P2212 920514 S12135  
 Standard Number: MD9B109D1P2212  
 RDDA FUNDS EXPIRES 9/30/2009

600001 Q51000/90865225 30000.00  
 LLA :  
 BL 9790400 2520 9 BM 2520 40603892C00 255Y MD9B109D1P2212 920514 S12135  
 Standard Number: MD9B109D1P2212  
 RDDA FUNDS EXPIRES 9/30/2009

MOD 36 Funding 218000.00  
 Cumulative Funding 7157943.00

MOD 37

400003 Q51000/92464362 75350.00  
 LLA :  
 BL 9790400 2520 9 BM 2520 40603892C00 255Y MD9B109D1P2212 920514 S12135  
 Standard Number: MIPR MD9B109D1P2212 (AA)  
 RDDA FUNDS EXPIRES 10/31/2009

400004 Q51000/92464382 20000.00  
 LLA :  
 BL 9790400 2520 9 BM 2520 40603892C00 255Y MD9B109D1P2212 920514 S12135  
 Standard Number: MIPR MD9B109D1P2212 (AA)  
 RDDA FUNDS EXPIRES 10/31/2009

400005 Q51000/92464421 78255.00  
 LLA :  
 BL 9790400 2520 9 BM 2520 40603892C00 255Y MD9B109D1P2212 920514 S12135  
 Standard Number: MIPR MD9B109D1P2212 (AA)  
 RDDA FUNDS EXPIRES 10/31/2009

400006 Q51000/92464384 36624.00  
 LLA :  
 BM 97X4930 NH1E 000 77777 0 000178 2F 000000 24Q96XN00NS2  
 NWCF FUNDS EXPIRES 9/30/2009

400007 Q51000/92464530 93321.00  
 LLA :  
 BM 97X4930 NH1E 000 77777 0 000178 2F 000000 24Q96XN00NS2  
 NWCF FUNDS EXPIRES 9/30/2009

400008 Q51000/92464385 99000.00  
 LLA :  
 BM 97X4930 NH1E 000 77777 0 000178 2F 000000 24Q96XN00NS2  
 NWCF FUNDS EXPIRES 9/30/2009

400009 Q51000/92464488 119000.00  
 LLA :  
 BN 9790400 2520 9 BM 2520 40603892C00 255Y MD9B118C1P4890 920778 S12135  
 Standard Number: MIPR MD9B118C1P4890 (AA)  
 RDDA FUNDS EXPIRES 9/30/2009

400010 Q51000/92464321 50000.00  
 LLA :  
 BP 9790400 2520 9 BM 2520 40603892C00 255Y MD9C108C2P5533 920608 S12135  
 Standard Number: MIPR MD9C108C2P5533 (AA)  
 RDDA FUNDS EXPIRES 9/30/2009

600002 Q51000/92464384 62376.00  
 LLA :  
 BM 97X4930 NH1E 000 77777 0 000178 2F 000000 24Q96XN00NS2  
 NWCF FUNDS EXPIRES 9/30/2009

MOD 37 Funding 633926.00  
 Cumulative Funding 7791869.00

MOD 38

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400011 Q51000/92464481 68000.00  
 LLA :  
 BL 9790400 2520 9 BM 2520 40603892C00 255Y MD9B109D1P2212 920514 S12135  
 Standard Number: MD9B109D1P2212 (AA)  
 RDDA FUNDS EXPIRES 10/31/2009

400101 Q51000/92464405 25000.00  
 LLA :  
 BQ 97-11X8242 8NJU 252 4Q452 0 068342 2D CCXT02 E44GFESS102Z  
 Standard Number: RCP: N0002409RX50680 (AA)  
 FMS FUNDS EXPIRES 12/31/2009

MOD 38 Funding 93000.00  
 Cumulative Funding 7884869.00

MOD 39

410101 Q51000/92464502 66560.00  
 LLA :  
 BQ 97-11X8242 8NJU 252 4Q452 0 068342 2D CCXT02 E44GFESS102Z  
 Standard Number: RCP: N0002409RX50680 (AA)  
 FMS FUNDS EXPIRES 12/31/2009

610101 Q51000/92464502 26000.00  
 LLA :  
 BQ 97-11X8242 8NJU 252 4Q452 0 068342 2D CCXT02 E44GFESS102Z  
 Standard Number: RCP: N0002409RX50680 (AA)  
 FMS FUNDS EXPIRES 12/31/2009

MOD 39 Funding 92560.00  
 Cumulative Funding 7977429.00

MOD 40

120010 Q53000/72285646 (10500.00)  
 LLA :  
 AW 1771804 8B2B 253 YVSW5 0 068342 2D 000000 12BR30000010  
 Standard Number: RCP: N4553407WXA0008 (AA)  
 OMN FUNDS EXPIRES 9/30/2007

MOD 40 Funding -10500.00  
 Cumulative Funding 7966929.00

MOD 41

410001 W05000/0014401C 195000.00  
 LLA :  
 BR 9700400 2520 10 BM 2520 40603892C00 255Y MD0E109B9P0799 020222 S12135  
 Standard Number: MD0E109B9P0799 (AA)  
 RDDA FUNDS EXPIRES 9/30/2010

410002 W05000/0014400C 80000.00  
 LLA :  
 BR 9700400 2520 10 BM 2520 40603892C00 255Y MD0E109B9P0799 020222 S12135  
 Standard Number: MD0E109B9P0799 (AA)  
 RDDA FUNDS EXPIRES 9/30/2010

410003 W05000/0015430C 10000.00  
 LLA :  
 BS 9700400 2520 10 BM 2520 40603892C00 255Y MD0E109C6P0914 020225 S12135  
 Standard Number: MD0E109C6P0914 (AA)  
 RDDA FUNDS EXPIRES 9/30/2010

610001 W05000/0014401C 5000.00  
 LLA :  
 BR 9700400 2520 10 BM 2520 40603892C00 255Y MD0E109B9P0799 020222 S12135  
 Standard Number: MD0E109B9P0799 (AA)  
 RDDA FUNDS EXPIRES 9/30/2010

MOD 41 Funding 290000.00  
 Cumulative Funding 8256929.00

MOD 42

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410004 Q51000/00436769 30000.00  
 LLA :  
 BP 9790400 2520 9 BM 2520 40603882C00 255Y MD9C108C2P5533 920608 S12135  
 Standard Number: MD9C108C2P5533 (AA)  
 RDDA FUNDS EXPIRES 9/30/1020

610002 Q51000/00436769 20000.00  
 LLA :  
 BP 9790400 2520 9 BM 2520 40603882C00 255Y MD9C108C2P5533 920608 S12135  
 Standard Number: MD9C108C2P5533 (AA)  
 RDDA FUNDS EXPIRES 9/30/2010

MOD 42 Funding 50000.00  
 Cumulative Funding 8306929.00

MOD 43

410005 Q51000/00551042 45000.00  
 LLA :  
 BM 97X4930 NH1E 000 77777 0 000178 2F 000000 24Q96XN00NS2  
 NWCF FUNDS EXPIRES 12/31/2049

MOD 43 Funding 45000.00  
 Cumulative Funding 8351929.00

MOD 44

610003 Q51000/00714144 12000.00  
 LLA :  
 BM 97X4930 NH1E 000 77777 0 000178 2F 000000 24Q96XN00NS2  
 NWCF FUNDS EXPIRES 12/31/2049

MOD 44 Funding 12000.00  
 Cumulative Funding 8363929.00

MOD 45

410006 W05000/0088168C 500000.00  
 LLA :  
 BR 9700400 2520 10 BM 2520 40603892C00 255Y MD0E109B9P0799 020222 S12135  
 Standard Number: MD0E109B9P0799 (AA)  
 RDDA FUNDS EXPIRES 9/30/2010

610004 W05000/0088168C 70000.00  
 LLA :  
 BR 9700400 2520 10 BM 2520 40603892C00 255Y MD0E109B9P0799 020222 S12135  
 Standard Number: MD0E109B9P0799 (AA)  
 RDDA FUNDS EXPIRES 9/30/2010

MOD 45 Funding 570000.00  
 Cumulative Funding 8933929.00

MOD 46

410007 W05000/0103487C 4000.00  
 LLA :  
 BT 9700400 2520 10 BM 2520 40603892C00 255Y MD0B118B0P3074 020325 S12135  
 Standard Number: MD0B118B0P3074 (AA)  
 RDDA FUNDS EXPIRES 10/31/2010

610005 W05000/0103487C 2500.00  
 LLA :  
 BT 9700400 2520 10 BM 2520 40603892C00 255Y MD0B118B0P3074 020325 S12135  
 Standard Number: MD0B118B0P3074 (AA)  
 RDDA FUNDS EXPIRES 10/31/2010

MOD 46 Funding 6500.00  
 Cumulative Funding 8940429.00

MOD 47 Funding 0.00  
 Cumulative Funding 8940429.00



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MOD 48

320008 J53000/62705827 (35539.56)  
 LLA :  
 AK 97 6 0400 2501 36 2216 40603888C00 255X/255Y MIPR6BDHAA3363 6HHK80 S01021  
 Standard Number: MIPR6BDHAA3363  
 RDT&E FUNDS EXPIRES 9/30/2007

MOD 48 Funding -35539.56  
 Cumulative Funding 8904889.44

MOD 49

410008 1300249612-00001 86322.66  
 LLA :  
 BU 97X4930 NH1E 257 77777 0 050120 2F 000000 A10001055328

410009 1300249612-00003 74500.00  
 LLA :  
 BV 9700400 2520 Z2S Y104F A FY1011 71 000025 51HQ0147171 044411

410010 1300249612-00004 109710.35  
 LLA :  
 BW 9700400 2520 Z2S Y104O C FY1011 71 000025 51HQ01471926 044411

410011 1300249612-00006 7512.72  
 LLA :  
 BX 9700400 2520 Z2S Y104O C FY1011 71 000025 51HQ0147192 044411

610006 1300249612-00006 4902.49  
 LLA :  
 BX 9700400 2520 Z2S Y104O C FY1011 71 000025 51HQ0147192 044411

MOD 49 Funding 282948.22  
 Cumulative Funding 9187837.66

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## SECTION H SPECIAL CONTRACT REQUIREMENTS

Section H clauses are in accordance with Section H of the IDIQ contract and otherwise as incorporated below.

### PERFORMANCE BASED CONTRACT REVIEW AND ACCEPTANCE PROCEDURES

(a) This is a performance-based contract as defined in FAR Part 37.6. Contractor performance will be reviewed in accordance with the Quality Assurance Surveillance Plan (QASP) included as attachment J.3.

(b) The QASP defines that this review and acceptance will become part of the annual Contractor Performance Assessment Reporting System (CPARS). The contractor may obtain more information regarding the CPARS process at the following internet site.

<http://cpars.navy.mil>

### MANDATORY REQUIREMENTS

Requirement 1: Personnel: Employees must be U.S. Citizens.

Requirement 2: Security Clearance. All key employees must possess SECRET security clearances.

Requirement 3: Security Clearance. The Communications Engineer or equivalent must possess a TOP SECRET security clearance.

Requirement 4: Facility Clearance: The offeror's facility must be cleared to the TOP SECRET level.

Requirement 5: Computer Resources: Computer resources must be cleared to the SECRET level for document generation.

### KEY PERSONNEL – DESIRED QUALIFICATIONS

To perform the requirements of the Statement of Work, the Government desires personnel with the appropriate experience and professional development qualifications.

(a) Experience – The desired experience for each Key Labor Category is listed in Attachment J.4.

(b) Professional Development - Professional development includes honors, degrees, publications, professional licenses and certifications and similar evidence of professional accomplishments that directly impact the offerors ability to perform the contract. The years of experience listed in Attachment J.4 are in addition to appropriate professional development. It is incumbent upon the offeror to demonstrate that the proposed personnel have appropriate credentials to perform the work.

(c) Accumulation Of Qualifying Experience - Categories of experience may be accumulated concurrently.

### DdI-H16 RESUME FORMAT AND CONTENT REQUIREMENTS

All resumes submitted under this contract shall be provided in the following format.

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(a) COMPLETE NAME

(b) CONTRACT LABOR CATEGORY

(c) CONTRACTOR'S LABOR CATEGORY

(d) CURRENT EMPLOYER

(e) AVAILABILITY (state as a percentage of a total manyear the amount of time the individual shall be dedicated to the resultant contract. Note whether individual is proposed or is working as a key person on another requirement and, if so, provide explanation as to how both requirements will be satisfied).

(f) LEVEL OF SECURITY CLEARANCE

(g) CURRENT WORK LOCATION

(h) PLANNED WORK LOCATION (If the planned work location is other than the offeror's primary location supporting this effort, the nature of the proposed individual's planned contribution shall be discussed.)

(i) CHRONOLOGICAL WORK HISTORY/EXPERIENCE -- Show experience and dates as follows:

Name of Employer; 6 years 4 mos.; 10/91 - 2/98; Position Title

Work experience shall be presented in separate paragraphs, clearly marked with proper category of experience (Qualifying Experience; Non-Relevant Experience -- If relevant and non-relevant experience was obtained while at the same employer, separate time periods shall be noted for each assignment.) All qualifying experience shall be presented in a level of detail that will permit the evaluator to make a clear connection between the experience and the stated qualifications for the labor category. Specific examples of work assignments, accomplishments, and products shall be provided. Phrases such as "assisted with", "participated in", or "supported" unacceptable except as introductory to a detailed description of the actual work performed. In addition, the resume for the Project Manager shall list previous contracts or tasks under which he/she had technical and management responsibility including contract number and customer point of contact.

All military experience claimed shall be described such that each tour is treated as a separate employer. Time frames/titles/ responsibilities shall be provided at the level of detail proscribed by above. Military experience not documented in this manner may not be considered.

Contractors shall avoid gaps in experience as time unaccounted for may lead to confusion and need for clarification.

The cut-off date for any experience claimed shall be the date the resume is certified (see paragraph (k) below).

(j) PROFESSIONAL DEVELOPMENT -- Show any honors, degrees, publications, professional licenses, specialized certifications and other evidence of professional accomplishments that are directly relevant and impact the offerors ability to perform the contract. The following format is preferred:

Degree(s); Date(s); Institution; Major/Minor

(k) CERTIFICATION -- A certification of correctness of information, signed and dated by both the person named and the contractor, scanned in PDF format, and forwarded electronically to the Government. The employee certification shall include the following statement: CERTIFICATION: "I certify that the professional development and experience described herein is complete and accurate in all respects. I consent to the disclosure of my resume for NSWCDD Solicitation/Order N00024- (insert appropriate solicitation or contract number) by (insert Company name) and intend to make myself available to work under the contract to the extent proposed."

Employee Signature and Date Contractor Signature and Date

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Resumes without this certification may not be considered. The employee and contractor certifications shall not be dated earlier than the issue date of this solicitation.

If the employee is not a current employee of the contractor (or a subcontractor), a copy of the accepted offer letter (which identifies a projected start date and the agreed to annual salary) shall be provided.

#### DdJ-H11 CHANGES IN KEY PERSONNEL

(a) The Contractor agrees that a partial basis for award of this contract is the list of key personnel proposed. Accordingly, the Contractor agrees to assign to this contract those key persons whose resumes were submitted with the proposal necessary to fulfill the requirements of the contract. No substitution shall be made without prior notification to and concurrence of the Contracting Officer in accordance with this requirement.

(b) The contractor agrees that during the first 90 days of the period of performance no key personnel substitutions will be permitted unless such substitutions are necessitated by an individual's sudden illness, death, or termination of employment. All proposed substitutions shall have qualifications equal to or higher than the qualifications of the person to be replaced. The Contracting Officer shall be notified in writing of any proposed substitution at least fifteen (15) days, or thirty (30) days if a security clearance is to be obtained, in advance of the proposed substitution. Such notification shall include:

- (1) An explanation of the circumstances necessitating the substitution;
- (2) A complete resume of the proposed substitute;
- (3) The hourly rates of the incumbent and the proposed substitute; and
- (4) Any other information requested by the Contracting Officer to enable him/her to judge whether or not the Contractor is maintaining the same high quality of personnel that provided the partial basis for award.

(c) In the event a requirement to increase the specified level of effort for a designated labor category, but not the overall level of effort of the contract, occurs, the Contractor shall submit to the Contracting Officer a written request for approval to add personnel to the designated labor category. The same information as specified in paragraph (b) above is to be submitted with the request.

(d) The Contracting Officer shall evaluate requests for changes in personnel and promptly notify the Contractor, in writing, whether the request is approved or disapproved.

#### KEY PERSONNEL - POST AWARD ADMINISTRATION

Upon order award, the desired qualifications, as stated in an attachment to the order, will become minimum qualifications for any growth in Key Personnel categories beyond those individuals originally proposed. Resumes shall be submitted to the Contracting Officer, and approved, prior to the individual being allowed to charge to the order.

#### NON-KEY PERSONNEL - MINIMUM QUALIFICATIONS

The minimum qualifications for Non-Key Personnel are stated in Attachment J.5. The Contractor shall provide Non-Key Personnel who meet or exceed the minimum qualifications provided by labor category. Prior to charging Non-Key Personnel labor under the order, the contractor shall provide a written certification stating the

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individual's name, labor category, and certifying that the individual meets the minimum qualifications of the labor category as specified under the order. See the section entitled POST AWARD CONTRACTOR PERSONNEL APPROVAL.

#### POST AWARD CONTRACT PERSONNEL APPROVAL

Requests for post award approval of additional and/or replacement key personnel and non-key personnel qualifications certification may be submitted via e-mail. E-mail submissions shall be made simultaneously to the Contract Specialist and the Task Order Manager (TOM). Electronic notification via e-mail from the Contract Specialist will serve as written approval/disapproval on behalf of the Contracting Officer.

#### SEA 5252.242-9115 TECHNICAL INSTRUCTIONS (APR 1999)

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

(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 contract. Technical instructions may not be used to: (1) assign additional work under the contract; (2) direct a change as defined in the "CHANGES" clause of this contract; (3) increase or decrease the contract price or estimated contract amount (including fec), as applicable, the level of effort, or the time required for contract performance; or (4) change any of the terms, conditions or specifications of the contract.

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

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

#### SAVINGS INITIATIVES

The Task Order will provide repetitive engineering support services. Therefore, contractors are encouraged, as much as practicable, to identify business improvement processes, cost efficiencies, innovations, and/or other cost savings initiatives to provide high quality services that will result in savings to the Government.

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## SECTION I CONTRACT CLAUSES

### 52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000) (NAVSEA VARIATION)

(a) The Government may extend the term of this delivery order by written notice to the Contractor within the periods specified in Section B. If more than one option exists, each option is independent of any other option, and the Government has the right to unilaterally exercise any such option whether or not it has exercised other options.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

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## SECTION J LIST OF ATTACHMENTS

- J.1 Contract Data Requirements List, DD1423
- J.2 Contract Security Classification Specification, DD254
- J.3 Quality Assurance Surveillance Plan
- J.4 Key Personnel Requirements
- J.5 Non-Key Personnel Requirements
- J.6 Task Order Manager (TOM) Appointment Letter
- J.7 Accounting & Appropriation Data for CLINs 1000 and 3000
- J.8 Accounting & Appropriation Data for CLINs 1100 and 3100
- J.9 Equipment Inventory List (GFP)

### DISTRIBUTION

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DCMA Virginia

DCAA Rosslyn Branch Office

XDM10

#### EMAIL: