

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
U

PAGE OF PAGES
1 3

2. AMENDMENT/MODIFICATION NO.
45

3. EFFECTIVE DATE
21-Jul-2017

4. REQUISITION/PURCHASE REQ. NO.
1300612864

5. PROJECT NO. (If applicable)
N/A

6. ISSUED BY CODE

N00167

7. ADMINISTERED BY (If other than Item 6)

CODE S2404A

NSWC, CARDEROCK DIVISION, MARYLAND
9500 MacArthur Blvd
West Bethesda MD 20817

DCMA Manassas
14501 George Carter Way, 2nd Floor
Chantilly VA 20151

SCD: C

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

SCIENCE APPLICATIONS INTERNATIONAL CORP
12010 Sunset Hills Road
Reston VA 20190

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

[X]

10A. MODIFICATION OF CONTRACT/ORDER NO.

N00178-04-D-4119-FD06

10B. DATED (SEE ITEM 13)

30-Nov-2010

CAGE CODE 6XWA8

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

SEE SECTION G

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

- (*) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- 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).
- [X] C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 43.103(a)(3)
- D. OTHER (Specify type of modification and authority)

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)

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

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

21-Jul-2017

BY (Signature of Contracting Officer)

21-Jul-2017

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

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

CONTRACT NO. N00178-04-D-4119	DELIVERY ORDER NO. N00178-04-D-4119-FD06	AMENDMENT/MODIFICATION NO. 45	PAGE 2 of 3	FINAL
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GENERAL INFORMATION

The purpose of this modification is to de-obligate funding in the amount of \$66,800. Accordingly, said Task Order is modified as follows:

1) The total amount of funds obligated to the task is hereby decreased from \$46,880,989.00 by \$66,800.00 to \$46,814,189.00.

2) Sections B and G are revised to add the following:

CLIN/SLIN	Type Of Fund	From (\$)	By (\$)	To (\$)
700202	FMS	231,648.50	(66,800.00)	164,848.50

3) The total value of the order is hereby increased from \$46,880,989.00 by \$0.00 to \$46,880,989.00.

4) Section G Clause entitled "SEA 5252.232-9104 ALLOTMENT OF FUNDS (May 1993)" has been revised as follows:

<u>ESTIMATED ITEMS</u>	<u>ALLOTTED TO COST</u>	<u>ALLOTTED TO FEE</u>	<u>PERIOD OF PERFORMANCE</u>
4000	██████████	██████████	Through 5/31/2015
4001	██████████	██████████	Through 5/31/2015
4002	██████████	██████████	Through 5/31/2015
4003	██████████	██████████	Through 5/31/2015
6000	\$17,102,977.00	N/A	Through 5/31/2015
7000	██████████	██████████	Through 11/30/2015
7001	██████████	██████████	Through 11/30/2016
7002	██████████	██████████	Through 4/30/2017
9000	\$1,633,700.00	N/A	Through 11/30/2015
9001	\$1,908,000.00	N/A	Through 11/30/2016
9002	\$633,499.00	N/A	Through 4/30/2017

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5) The Accounting and Appropriation Data added to Section G is as follows:

MOD 45

700202 130061286400001 (66800.00)

LLA :

EF 97X4930 NH1C 251 77777 0 050120 2F 000000 A00003747664

MOD 45 Funding -66800.00

Cumulative Funding 46814189.00

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

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SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4000	AD24	Logistic, Operation, Management and Engineering Support for Signature Silencing Programs (Fund Type - TBD)	1.0	LO			\$5,523,335.50
400001	AD24	Incremental Funding in the amount of \$200,000 for Task Areas 3.1.5 and 3.4. (WCF)					
400002	AD24	Incremental Funding in the amount of \$90,000 for Task Areas 3.1.1 and 3.1.5. (OPN)					
400003	AD24	Incremental Funding in the amount of \$4,637.50 for Task Areas 3.2 & 3.5. (RDT&E)					
400004	AD24	Incremental Funding in the amount of \$105,000 for Task Areas 3.2 & 3.5. (RDT&E)					
400005	AD24	Incremental Funding in the amount of \$34,510 for Task Area 3.5 (RDT&E)					
400006	AD24	Incremental Funding in the amount of \$14,790 for Task Area 3.5 (RDT&E)					
400007	AD24	Incremental Funding in the amount of \$147,130 for Task 3.5 (RDT&E)					
400008	AD24	Incremental Funding in the amount of \$98,600 for Task Area 3.2 (FMS)					
400009	AD24	Incremental Funding in the amount of \$197,200 for Task Area 3.5 (O&MN,N)					
400010	AD24	Incremental Funding in the amount of \$28,000 for Task Area 3.5 (Fund Type - OTHER)					
400011	AD24	Incremental Funding in the amount of \$250,000 for Task Area 3.5 (O&MN,N)					
400012	AD24	Incremental Funding in the amount of \$300,000 for Task Area 3.5 (O&MN,N)					
400013	AD24	Incremental Funding in the amount of \$130,000 for Task Area 3.2 (O&MN,N)					
400014	AD24	Incremental Funding in the amount of \$1,050,000 for Task Area 3.5 (O&MN,N)					
400015	AD24	Incremental Funding in the amount of \$21,000 for Task Area 3.3 (OPN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
400016	AD24	Incremental Funding in the amount of \$10,000 for Task Area 3.3 (OPN)					
400017	AD24	Incremental Funding in the amount of \$6,468 for Task Area 3.3 (OPN)					
400018	AD24	Incremental Funding in the amount of \$8,000 for Task Area 3.5. TI-FD06-02 (RDT&E)					
400019	AD24	Incremental Funding in the amount of \$140,000 for Task Area 3.2 TI-FD06-02 (O&MN,N)					
400020	AD24	Incremental Funding in the amount of \$560,000 for Task Area 3.5 TI-FD06-02 (O&MN,N)					
400021	AD24	Incremental Funding in the amount of \$25,000 for Task Area 3.5 TI-FD06-02 (O&MN,N)					
400022	AD24	Incremental Funding in the amount of \$600,000 for Task Area 3.2 TI-FD06-02 (O&MN,N)					
400023	AD24	Incremental Funding in the amount of \$1,040,000 for Task Area 3.5 TI-FD06-02 (O&MN,N)					
400024	AD24	Incremental Funding in the amount of \$25,000 for Task Area 3.5 TI-FD06-02 (O&MN,N)					
400025	AD24	Incremental Funding in the amount of \$100,000 for TI-004 (O&MN,N)					
400026	AD24	Incremental Funding in the amount of \$8,000 for TI-001 (RDT&E)					
400027	AD24	Incremental Funding in the amount of \$210,000 for TI-002 (O&MN,N)					
400028	AD24	Incremental Funding in the amount of \$120,000 for TI-001 (WCF)					
400029	AD24	Intentionally Left Blank (Fund Type - OTHER)					
4001	AD24	Logistics, Operation, Management and Engineering Support for Signature Silencing Programs (Fund Type - TBD)	1.0	LO			\$5,684,000.00
400101	AD24	Incremental Funding in the amount of \$1,000,000 for TI-04 (O&MN,N)					
400102	AD24	Incremental Funding in the amount of \$95,000 for TI-FD06-002 (OPN)					
400103	AD24	Incremental Funding in the amount of \$2,354,000 for TI-05 (O&MN,N)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
400104	AD24	Incremental Funding in the amount of \$5,000 for TI-06 (O&MN,N)					
400105	AD24	Incremental Funding in the amount of \$40,000 for TI-06 (O&MN,N)					
400106	AD24	Incremental Funding in the amount of \$980,000 for TI-05 (O&MN,N)					
400107	AD24	Incremental Funding in the amount of \$700,000 for TI-05-01 (O&MN,N)					
400108	AD24	Incremental Funding in the amount of \$200,000 for TI-07 (RDT&E)					
400109	AD24	Incremental Funding in the amount of \$310,000 for TI-08 (O&MN,N)					
4002	AD24	Logistic, Operation, Management and Engineering Support for Signature Silencing Programs (Fund Type - TBD)	1.0	LO			\$2,808,500.00
400201	AD24	Incremental Funding for TI 006-01 in the amount of \$21,000 (O&MN,N)					
400202	AD24	Incremental Funding for TI-10 in the amount of \$40,000 2410(a) authority is hereby invoked (O&MN,N)					
400203	AD24	Incremental Funding for TI-12 in the amount of \$13,500 2410(a) authority is hereby invoked (WCF)					
400204	AD24	Incremental Funding for TI-11 in the amount of \$1,480,000 2410(a) authority is hereby invoked (O&MN,N)					
400205	AD24	Incremental Funding for TI- 013 in the amount of \$25,000 2410(a) authority is hereby invoked (O&MN,N)					
400206	AD24	Incremental Funding for TI-014 in the amount of \$10,000 2410(a) authority is hereby invoked (RDT&E)					
400207	AD24	Incremental Funding for TI- 11 Rev 1 in the amount of \$500,000 2410(a) authority is hereby invoked (O&MN,N)					
400208	AD24	Incremental Funding for TI- 11 Rev 1 in the amount of \$300,000 2410(a) authority is hereby invoked (O&MN,N)					
400209	AD24	Incremental Funding for TI- 15 in the amount of \$400,000 2410(a) authority is hereby invoked (O&MN,N)					
400210	AD24	Incremental Funding for TI-16 in the amount of \$19,000 (RDT&E)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4003	AD24	Logistic, Operation, Management and Engineering Support for Signature Silencing Programs (Fund Type - TBD)	1.0	LO			\$4,883,400.00
400301	AD24	Incremental funding in the amount of \$23,100 for TI-18 2410(a) authority is hereby invoked (OPN)					
400302	AD24	Incremental funding in the amount of \$24,300 for TI-19 2410(a) authority is hereby invoked (RDT&E)					
400303	AD24	Incremental funding in the amount of \$30,000 for TI-21 (OPN)					
400304	AD24	Incremental funding in the amount of \$1,260,000 for TI-22 2410(a) authority is hereby invoked (O&MN,N)					
400305	AD24	Incremental funding in the amount of \$45,000 for TI-21 (OPN)					
400306	AD24	Incremental funding in the amount of \$400,000 for TI-022 2410(a) authority is hereby invoked (O&MN,N)					
400307	AD24	Incremental funding in the amount of \$10,000 for TI-023 2410(a) authority is hereby invoked (O&MN,N)					
400308	AD24	Incremental funding in the amount of \$114,000 for TI-24 (RDT&E)					
400309	AD24	Incremental funding in the amount of \$70,000 for TI-24 (RDT&E)					
400310	AD24	Incremental funding in the amount of \$66,000 for TI-24 (RDT&E)					
400311	AD24	Incremental funding in the amount of \$500,000 for TI-27 (Fund Type - OTHER)					
400312	AD24	Incremental funding in the amount of \$200,000 for TI-28 (Fund Type - OTHER)					
400313	AD24	Incremental funding in the amount of \$16,000 for TI-30 2410(a) authority is hereby invoked (RDT&E)					
400314	AD24	Incremental funding in the amount of \$114,000 for TI-22/01 2410(a) authority is hereby invoked (O&MN,N)					
400315	AD24	Incremental funding in the amount of \$255,000 for TI-26 2410(a) authority is hereby invoked (O&MN,N)					
400316	AD24	Incremental funding in the amount of \$20,000 for TI-26 2410(a) authority					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		is hereby invoked (O&MN,N)					
400317	AD24	Incremental funding in the amount of \$1,000,000 for TI-025 2410(a) authority is hereby invoked (O&MN,N)					
400318	AD24	Incremental funding in the amount of \$635,000 for TI- 22/02 2410(a) authority is hereby invoked (O&MN,N)					
400319	AD24	Incremental funding in the amount of \$96,000 for TI-29 2410(a) authority is hereby invoked (O&MN,N)					
400320	AD24	Incremental funding in the amount of \$5,000 for TI-31 (Fund Type - OTHER)					

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
6000	AD24	Other Direct Costs (material, travel, miscellaneous including applicable indirect cost) Non-fee bearing NTE \$17,904,000 (Fund Type - TBD)	1.0	LO	\$17,102,977.00
600001	AD24	Incremental Funding in the amount of \$20,000 for Task Areas 3.1.1 and 3.1.5. (OPN)			
600002	AD24	Incremental Funding in the amount of \$20,000 for Task Areas 3.5.1 and 3.5.5. (RDT&E)			
600003	AD24	Incremental Funding in the amount of \$105,000 for Task Areas 3.5.1 and 3.5.5 (RDT&E)			
600004	AD24	Incremental Funding in the amount of \$69,020 for Task Area 3.3 (RDT&E)			
600005	AD24	Incremental Funding in the amount of \$4,928 for Task Area 3.3 (RDT&E)			
600006	AD24	Incremental Funding in the amount of \$24,650 for Task Area 3.3 (RDT&E)			
600007	AD24	Incremental Funding in the amount of \$38,800 for Task Area 3.3 (OPN)			
600008	AD24	Incremental Funding in the amount of \$55,000 for Task Area 3.5 (FMS)			
600009	AD24	Incremental Funding in the amount of \$20,000 for Task Area 3.2 (O&MN,N)			
600010	AD24	Incremental Funding in the amount of \$98,600 for Task Area 3.5 (O&MN,N)			
600011	AD24	Incremental Funding in the amount of \$204,000 for Task Area 3.5 (Fund Type - OTHER)			
600012	AD24	Incremental Funding in the amount of \$126,720 for Task Area 3.5 (O&MN,N)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
600013	AD24	Incremental Funding in the amount of \$100,000 for Task Area 3.5 (O&MN,N)			
600014	AD24	Incremental Funding in the amount of \$17,900 for Task Area 3.2 (O&MN,N)			
600015	AD24	Incremental Funding in the amount of \$302,000 for Task Area 3.5 (O&MN,N)			
600016	AD24	Incremental Funding in the amount of \$4,000 for Task Area 3.5 TI-FD06-02 (RDT&E)			
600017	AD24	Incremental Funding in the amount of \$40,000 for Task Area 3.2 TI-FD06-02 (O&MN,N)			
600018	AD24	Incremental Funding in the amount of \$100,000 for Task Area 3.5 TI-FD06-02 (O&MN,N)			
600019	AD24	Incremental Funding in the amount of \$200,000 for Task Area 3.5 TI-FD06-02 (O&MN,N)			
600020	AD24	Incremental Funding in the amount of \$810,000 for Task Area 3.2 TI-FD06-02 (O&MN,N)			
600021	AD24	Incremental Funding in the amount of \$1,550,000 for Task Area 3.5 TI-FD06-02 (O&MN,N)			
600022	AD24	Incremental Funding in the amount of \$30,400 for Task Area 3.5 TI-FD06-02 (O&MN,N)			
600023	AD24	Incremental Funding in the amount of \$58,400 for Task Area 3.5 TI-FD06-02 (O&MN,N)			
600024	AD24	Incremental Funding in the amount of \$10,000 for Task Area 3.5 TI-FD06-02 (WCF)			
600025	AD24	Incremental Funding in the amount of \$2,000 for TI-004 (O&MN,N)			
600026	AD24	Incremental Funding in the amount of \$4,000 for TI-004 (RDT&E)			
600027	AD24	Incremental Funding in the amount of \$3,400,000 for TI-002 (O&MN,N)			
600028	AD24	Incremental Funding in the amount of \$210,000 for TI-001 (O&MN,N)			
600029	AD24	Incremental Funding in the amount of \$300,000 GOT TI-04 (O&MN,N)			
600030	AD24	Incremental Funding in the amount of \$1,042,749 for TI-05 (O&MN,N)			
600031	AD24	Incremental Funding in the amount of \$5,000 for TI-06 (O&MN,N)			
600032	AD24	Incremental Funding in the amount of \$747,110 for TI-05 (O&MN,N)			
600033	AD24	Incremental Funding in the amount of \$1,500,000 for TI-05-01 (O&MN,N)			
600034	AD24	Incremental Funding in the amount of \$100,000 for TI-07 (RDT&E)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
600035	AD24	Incremental Funding in the amount of \$58,000 for TI-10 2410(a) authority is hereby invoked (O&MN,N)			
600036	AD24	Incremental Funding in the amount of \$6,500 for TI-12 2410(a) authority is hereby invoked (WCF)			
600037	AD24	Incremental Funding in the amount of \$50,000 for TI-13 2410(a) authority is hereby invoked (O&MN,N)			
600038	AD24	Incremental Funding in the amount of \$160,000 for TI-14 2410(a) authority is hereby invoked (RDT&E)			
600039	AD24	Incremental Funding in the amount of \$520,000 for TI-11 Rev 1 2410(a) authority is hereby invoked (O&MN,N)			
600040	AD24	Incremental Funding in the amount of \$120,000 for TI-011 Rev 1 2410(a) authority is hereby invoked (O&MN,N)			
600041	AD24	Incremental Funding in the amount of \$280,000 for TI-15 2410(a) authority is hereby invoked (O&MN,N)			
600042	AD24	Incremental funding in the amount of \$9,900 for TI-18 2410(a) authority is hereby invoked (OPN)			
600043	AD24	Incremental funding in the amount of \$39,700 for TI-19 2410(a) authority is hereby invoked (RDT&E)			
600044	AD24	Incremental funding in the amount of \$61,000 for TI-19 2410(a) authority is hereby invoked (RDT&E)			
600045	AD24	Incremental funding in the amount of \$23,000 for TI-19 2410(a) authority is hereby invoked (RDT&E)			
600046	AD24	Incremental funding in the amount of \$30,000 for TI-19 2410(a) authority is hereby invoked (RDT&E)			
600047	AD24	Incremental funding in the amount of \$76,000 for TI-20 (Fund Type - OTHER)			
600048	AD24	Incremental funding in the amount of \$5,000 for TI-21 (OPN)			
600049	AD24	Incremental funding in the amount of \$1,200,000 for TI-22 2410(a) authority is hereby invoked (O&MN,N)			
600050	AD24	Incremental funding in the amount of \$5,000 for TI-21 (OPN)			
600051	AD24	Incremental funding in the amount of \$140,000 for TI-22 2410(a) authority is hereby invoked (O&MN,N)			
600052	AD24	Incremental funding in the amount of \$90,000 for TI-23 2410(a) authority is hereby invoked (O&MN,N)			
600053	AD24	Incremental funding in the amount of \$100,000 for TI-27 (Fund Type - OTHER)			
600054	AD24	Incremental funding in the amount of \$315,000 for TI-22/02 2410(a) authority is hereby invoked (O&MN,N)			
600055	AD24	Incremental funding in the amount of \$1,800,000 for TI-29 2410(a) authority is hereby invoked (O&MN,N)			
600056	AD24	Incremental funding in the amount of \$118,600 for TI-31 (Fund Type - OTHER)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
600057	AD24	Incremental funding in the amount of \$145,000 for TI-32 (SCN)			
600058	AD24	Incremental funding in the amount of \$430,000 for TI-33 (O&MN,N)			

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7000	AD24	Logistic, Operation, Management and Engineering Support for Signature Silencing Programs (Fund Type - TBD)	1.0	LO			\$1,941,929.00
700001	AD24	Incremental Funding in the amount of \$50,000 for TI-34 (RDT&E)					
700002	AD24	Incremental Funding in the amount of \$25,000 for TI-36 (Fund Type - OTHER)					
700003	AD24	Incremental Funding in the amount of \$5,000 for TI-38 (Fund Type - OTHER)					
700004	AD24	Incremental Funding in the amount of \$45,000 for TI-35 2410(a) authority is hereby invoked (O&MN,N)					
700005	AD24	Incremental Funding in the amount of \$450,000 for TI-37 2410(a) authority is hereby invoked (O&MN,N)					
700006	AD24	Incremental funding in the amount of \$100,000 for TI-36.1 (Fund Type - OTHER)					
700007	AD24	Incremental funding in the amount of \$200,000 for TI-40 (RDT&E)					
700008	AD24	Incremental funding in the amount of \$31,000 for TI-41 (Fund Type - OTHER)					
700009	AD24	Incremental funding in the amount of \$133,000 for TI-39 (OPN)					
700010	AD24	Incremental funding in the amount of \$5,000 for TI-34/01 (RDT&E)					
700011	AD24	Incremental funding in the amount of \$423,750 for TI-42. 2410(a) authority is hereby invoked. (O&MN,N)					
700012	AD24	Incremental funding in the amount of \$54,580 for TI-45. 2410(a) authority is hereby invoked. (O&MN,N)					
700013	AD24	Incremental funding in the amount of \$272,727 for TI-44. 2410(a) authority is hereby invoked. (O&MN,N)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
700014	AD24	Incremental funding in the amount of \$66,436 for TI-46. 2410(a) authority is hereby invoked. (O&MN,N)					
700015	AD24	Incremental funding in the amount of \$80,436 for TI-47. 2410(a) authority is hereby invoked. (O&MN,N)					
700016	AD24	Incremental funding in the amount of \$205,000 for TI-40 (RDT&E)					
7001	AD24	Logistic, Operation, Management and Engineering Support for Signature Silencing Programs (Fund Type - TBD)	1.0	LO	██████████	██████████	\$3,530,000.00
700101	AD24	Incremental Funding in the amount of \$179,000 for TI-48 (Fund Type - OTHER)					
700102	AD24	Incremental Funding in the amount of \$410,000 for TI-49. 2410(a) authority is hereby invoked. (O&MN,N)					
700103	AD24	Incremental Funding in the amount of \$50,000 for TI-51. 2410(a) authority is hereby invoked. (O&MN,N)					
700104	AD24	Incremental Funding in the amount of \$175,000 for TI-49. 2410(a) authority is hereby invoked. (O&MN,N)					
700105	AD24	Incremental Funding in the amount of \$7,000 for TI-53. 2410(a) authority is hereby invoked. (O&MN,N)					
700106	AD24	Incremental Funding in the amount of \$2,515,000 for TI-49/03. 2410(a) authority is hereby invoked. (O&MN,N)					
700107	AD24	Incremental Funding in the amount of \$65,000 for TI-50/00. (RDT&E)					
700108	AD24	Incremental Funding in the amount of \$75,000 for TI-52/00. (Fund Type - OTHER)					
700109	AD24	Incremental Funding in the amount of \$54,000 for TI-55/00. PSC Code R425 (O&MN,N)					
7002	R425	Logistic, Operation, Management and Engineering Support for Signature Silencing Programs (Fund Type - TBD)	1.0	LO	██████████	██████████	\$1,231,648.50
700201	R425	Incremental Funding in the amount of \$1,000,000 for TI-60. (O&MN,N)					
700202	R425	Incremental Funding in the amount of \$164,848.50 for TI-60C. (FMS)					

For ODC Items:

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9000	AD24	Other Direct Costs (material, travel, miscellaneous including applicable indirect cost) Non-fee bearing NTE \$1,671,700 (Fund Type - TBD)	1.0	LO	\$1,633,700.00
900001	AD24	Incremental Funding in the amount of \$25,000 for TI-34 (RDT&E)			
900002	AD24	Incremental Funding in the amount of \$150,000 for TI-36 (Fund Type - OTHER)			
900003	AD24	Incremental Funding in the amount of \$30,000 for TI-38 (Fund Type - OTHER)			
900004	AD24	Incremental Funding in the amount of \$80,000 for TI-35 2410(a) authority is hereby invoked (O&MN,N)			
900005	AD24	Incremental Funding in the amount of \$410,000 for TI-37 2410(a) authority is hereby invoked (O&MN,N)			
900006	AD24	Incremental funding in the amount of \$417,000 for TI-40 (RDT&E)			
900007	AD24	Incremental funding in the amount of \$142,000 for TI-39 rev. 01. (OPN)			
900008	AD24	Incremental funding in the amount of \$41,000 for TI-34/01 (RDT&E)			
900009	AD24	Incremental funding in the amount of \$141,250 for TI-42. 2410(a) authority is hereby invoked. (O&MN,N)			
900010	AD24	Incremental funding in the amount of \$203,000 for TI-34/01 (RDT&E)			
900011	AD24	Incremental funding in the amount of \$5,450 for TI-45. 2410(a) authority is hereby invoked. (O&MN,N)			
900012	AD24	Incremental funding in the amount of \$27,000 for TI-44. 2410(a) authority is hereby invoked. (O&MN,N)			
900013	AD24	Incremental funding in the amount of \$420,000 for TI-40 (RDT&E)			
9001	AD24	Other Direct Costs (material, travel, miscellaneous including applicable indirect cost) Non-fee bearing NTE \$2,024,323.00 (Fund Type - TBD)	1.0	LO	\$1,908,000.00
900101	AD24	Incremental Funding in the amount of \$206,000 for TI-48 (Fund Type - OTHER)			
900102	AD24	Incremental Funding in the amount of \$240,000 for TI-49. 2410(a) authority is hereby invoked. (O&MN,N)			
900103	AD24	Incremental Funding in the amount of \$28,000 for TI-53. (O&MN,N)			
900104	AD24	Incremental Funding in the amount of \$1,415,000 for TI-49-03. 2410(a) authority is hereby invoked. (O&MN,N)			
900105	AD24	Incremental Funding in the amount of \$13,000 for TI-50. (RDT&E)			
900106	AD24	Incremental Funding in the amount of \$6,000 for TI-055-00, PSC Code R425. (O&MN,N)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9002	AD24	Other Direct Costs (material, travel, miscellaneous including applicable indirect cost) Non-fee bearing NTE \$633,499.00 (Fund Type - TBD)	1.0	LO	\$633,499.00
900201	AD24	Incremental Funding in the amount of \$500,000 for TI-60. (O&MN,N)			
900202	AD24	Incremental Funding in the amount of \$133,499 for TI-60B. (FMS)			

The fee percentage to be applied to the labor CLINs was corrected to [REDACTED] under Modification no. 01.

The approved subcontractors under this task order are:

1. Above and Beyond Communications
2. Alion Science & Technology Corp.
3. Amak Towing Company, Inc.
4. Applied Physical Sciences
5. Art Anderson Associates
6. Center Marine Services, Inc.
7. General Dynamics Information Tech.
8. General Physics Corporation
9. L3 MariPro
10. ManTech Systems Engineering Corp.
11. Channel Technologies Group
12. Sound & Sea Technology
13. Spectrum Technology Group, Inc.
14. Technology Associates
15. Vigor Alaska, LLC
16. Electrical Power Systems, Inc.

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

NSWC Logistics, Operation, Management and Engineering Support

This is a performance based statement of work. The effort performed hereunder will be evaluated in accordance with the performance standards/acceptable quality levels described below and the evaluation methods described in provision CAR H09 in Section H.1

The tasking identified within this Statement of Work (SOW) is determined to be associated with Product & Service Code (PSC) "AD24" and/or "R425", dependent on the specific task being performed.

Scope

The Naval Surface Warfare Center, Carderock Division, Detachment Puget Sound (NSWC DET Puget Sound) requires site logistics, operations, scientific, engineering and technical services, system development support for software and hardware systems, program management assistance, and high-level, strategic planning services in support of signature silencing programs for naval ships and undersea systems. In general, this work includes:

- Operational and logistical support for full scale and model scale signature measurement trials and other signature assessment tests
- Operation, maintenance, and repair, of all systems and facilities that are required to support the mission of performing acoustic measurement, testing and analysis at SEAFAC.
- Development, analysis, and review of trial documentation, test plans, and final reports
- Technical support for data collection, analysis, special studies, and reporting
- Improvement and upgrade of signature measurement procedures, systems, and programs
- Development of documentation, and software/hardware systems to meet signature measurement and assessment requirements
- Strategic and long-range planning in support of signature measurement facilities, research and development programs, and special silencing project development
- Special programs support and related studies

2 Background

The Ship Signatures Directorate (Code 70) of the Naval Surface Warfare Center Carderock Division (NSWC CD) is responsible for development of stealth technology to support Navy surface ship and submarine program goals. As part of its mission, Code 70 develops, operates and maintains major acoustic research and development (R&D) facilities at the Southeast Alaska Acoustic Measurement Facility (SEAFAC), in the South TOTO (Tongue of the Ocean) Acoustic Facility (STAFAC) within the Atlantic Undersea Test and Evaluation Center (AUTEC) in the Bahamas, and the Acoustic Research Detachment (ARD) at Bayview, ID.

Code 70 provides services and facilities to accomplish acoustic data acquisition and analysis in support of surface ship and submarine R&D projects funded by the Naval Sea Systems Command (NAVSEA), other Navy and Department of Defense sponsors, and non-Government organizations. The objective of the technical efforts described in this Performance Work Statement (PWS) is to support NAVSEA, NSWC and Code 70 signature measurement and assessment testing, acoustic stealth technology development, and related research programs.

SEAFAC is the primary acoustic measurement facility for Pacific Fleet submarines. SEAFAC has two major test sites – a static site where the test vessel is suspended at various depths for specific noise investigations and an underway site for performing noise investigations at various speed conditions. SEAFAC was designed to measure and characterize the acoustic signatures of USS Los Angeles (SSN 688) and USS Ohio (SSBN 726) Class submarines. The SEAFAC Static Site was upgraded in 2006 with a High Gain Measurement System (HGMS) to assess the stealth of the USS Seawolf (SSN 21) and USS Virginia (SSN 776) Class submarines. The SEAFAC Underway Site was upgraded in 2008 to measure and characterize submarine signatures through all operationally significant speed and depth combinations.

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STAFAC serves as the primary acoustic measurement facility for Atlantic Fleet submarines. The facility is installed within AUTECH, near Andros Island in the Bahamas. STAFAC replicates SEAFAC HGMS technology to the Atlantic fleet to promote systems and measurements commonality and to reduce future costs associated with operations and maintenance, as well as execution and reporting of trials. STAFAC is located approximately 40 miles east of AUTECH Site 4. Data is telemetered via fiber optic cable to a data acquisition and processing lab located at AUTECH Site 1. Control, communications, and test vessel tracking will also be conducted from Site 1. STAFAC has a single test site for full-scale trials of all submarine classes.

The ARD develops, operates and maintains acoustic test systems and support equipment on Lake Pend Oreille a large freshwater lake in Idaho, with depths exceeding 1100 ft. The systems and equipment consist of large models and other specialized test hardware, several barges capable of being equipped with data acquisition and processing systems, shore based laboratories, and underwater ranges consisting of moored acoustic sensors and oceanographic instrumentation. The ARD occupies a 23-acre facility in Bayview, ID, and includes several remote shore stations. The central activities are related to the R&D testing conducted using an autonomous submarine, Large Scale Vehicle CUTTHROAT (LSV2). ARD provides operation and maintenance of hull, mechanical, electrical and command & control systems (HME&CC), data acquisition and recording systems, and other equipment and support platforms to conduct tests with these vehicles and other scale models. The product of LSV support includes engineering technical data, procedures, and other research and development data obtained during LSV underway testing and other evolutions.

The majority of the work performed on this task order shall be conducted at the SEAFAC facility, and the following description of work will reflect that. Where the systems employed at SEAFAC are 1) common to the other NSWCCD facilities, or 2) to be incorporated into other NSWCCD facilities, there will be requirements where the contractor will need to perform work, similar to that described below, at those facilities.

3 Task Requirements

3.1 Signature Data Studies and Analyses

The Contractor shall conduct studies, investigations, and analyses of various signature data to determine noise sources, noise mechanisms, transmission characteristics, and potential detectability characteristics against threat sensor systems. For each data type, the Contractor shall provide test planning for experiments, identify test requirements, determine measurement and data processing needs, develop sensor configurations and provide test conduct support.

The documents generated by the contractor as a result of work performed on this task order will be delivered to the Government. The contractor shall not distribute in accordance with Clause 252.204-7000 - Disclosure of Information Government documents to individuals or organizations.

Radiated-Noise Measurements, Analysis and Reporting: The Contractor shall assist in data acquisition, analysis, and reporting of radiated-noise, far-field acoustic signatures during submarine and surface ship acoustical trials. Support includes (1) developing recommendations for test and evaluation of ship systems and machinery components, (2) reducing and compiling far-field signature levels into report-ready formats, (3) training ship's force in onboard, acoustic measurement techniques, and (4) supporting the preparation, conduct, and documentation of signature trials using current and future measurement systems at NSWC facilities.

Submarine Detection and Detectability (D&D) Studies: The Contractor shall perform services in the specialized areas of detection and counter-detection calculations for a variety of platforms and detection systems, acoustic vulnerability algorithms for U.S. and foreign submarines, and performance assessment techniques for various geographical locations and environmental conditions. The Contractor shall review acoustic trial results, input measurement data into the Detection and Detectability Work Station (DDWS); provide D&D recommendations for ship messages on trial findings; perform detectability range predictions, determine acoustic vulnerability profiles, and summarize noise signatures for deploying submarines.

Submarine and Surface Ship Noise Source Localization: The Contractor shall provide engineering and scientific support in the localization, identification, and definition of shipboard noise sources. These services shall be in support of noise sources/acoustic problems on specific ships, classes of ships, or in support of new designs. The Government's interest is in the development of improved algorithms to determine which specific areas of a ship hull are radiating noise and the development of localization techniques to correlate the radiated noise sources to

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structureborne noise hull array and platform noise hydrophone data.

Submarine and Surface Ship Silencing Effectiveness: The Contractor shall assess the effectiveness of Submarine and Surface Ship Silencing efforts and identify silencing needs for present and future designs. These services shall involve the analysis of radiated noise, platform and sonar self-noise, and structureborne noise data. The contractor shall develop and use performance models that relate acoustic detection and detectability to the acoustic performance consequences of submarine and surface ship silencing efforts, goals, and requirements relative to specific threats and operating environments. These models and the resulting silencing performance estimates shall be used to identify goals for future designs and priorities for system improvements. The Contractor shall assist in the assessment of design options for incorporation of innovative and cost-effective silencing technologies into future naval combatants.

Transient Noise Studies: The Contractor shall conduct studies, investigations, and analyses of transient noise sources, noise mechanisms, transmission characteristics, and detectability characteristics against threat sensor systems. These services shall include the analysis of radiated noise and onboard sensors and the development of measurement techniques and procedures.

Own Ship Noise Monitoring: The Contractor shall conduct studies and develop procedures and techniques to monitor submarine radiated noise using onboard sensors. The specific monitor sensors of interest include platform noise hydrophones, hull and machinery mounted accelerometers, and towed arrays. This task shall involve the analysis of the relationships between the radiated noise and the onboard sensor data for a wide range of ship operating conditions. Potential techniques and methods shall be evaluated at-sea to determine applicability and use. The contract shall identify and develop data analysis, processing, and operating procedures for fleet implementation.

Submarine Vibration Monitoring Program (VMP) Data Analysis and Studies: The Contractor shall perform data analyses and studies in support of the Submarine Vibration Monitoring Program (VMP) and Fleet Maintenance Activity (FMA). This shall include the processing and analysis of ship vibration data acquired by VMP site teams, identification of vibration problems for monitored machinery systems, reporting the results of data analysis, and proposing recommendations to correct the identified problems. The Contractor shall evaluate Submarine VMP and FMA measurement techniques and propose improvements. The Contractor shall develop software and data management tools for the analysis of VMP data which will become Government property.

Low Frequency Submarine Target Strength Studies and Analyses: The Contractor shall conduct studies and analyses of low frequency submarine target strength data and characteristics. These efforts shall include the analysis of low frequency target strength data obtained on full-scale submarines, both coated and uncoated, and a range of scale models. An important aspect of the target strength studies shall be a determination of the ship's vulnerability to detection from low frequency sonar emissions. This shall require the use of an active sonar detection model, which considers monostatic, bistatic, and multistatic operating systems.

3.2 Signature Program Management Support

The Contractor shall provide signature silencing program management support. This includes engineering and technical, services to identify, develop, and implement operational, technical, program, training, and regulatory requirements for silencing program development. The Contractor shall assist the Government to prepare, organize, collect, evaluate, review, and/or revise program documentation including, but not limited to, issue papers, program plans, implementation plans, milestone charts, work breakdown structures, impact statements, funding profiles, procurement requirements, planning, control data, schedules, cost analysis studies, and resource management. The contractor shall provide assistance in short and long-term program assessment, resource and personnel management and leveling including staffing, cost cycles and analysis, develop and maintain program metrics, develop and implement program process improvements, and provide program management training and documentation.

The Contractor shall provide technical review of program documents and reports in support of the Government. The Contractor shall provide recommendations for report quality improvement, developing standard processes for quality measurement and assessment, implementing these processes for strengthening quality among program deliverables, and conducting periodic assessments of program adherence to these standards and metrics.

3.3 System Development Support

The Contractor shall perform the following system development tasks in support of Code 70 facilities and its detachments.

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Acoustic Measurement and Data Acquisition System Development: The Contractor shall support the development of hardware and software for acoustic measurement and data acquisition systems for radiated noise, structureborne noise, and platform and sonar self-noise data. The Contractor shall analyze acoustic trial reporting requirements, identify signal-processing techniques, develop system specifications, determine the adequacy of commercially available instrumentation, define interface requirements with ship systems, and validate and verify system operability and accuracy. The Contractor shall provide software development for existing acoustic measurement, data acquisition, processing, and analysis systems.

Database Management System Development and Maintenance: The Contractor shall provide technical support in the development and maintenance of the individual database management systems used by the radiated noise, platform and sonar self-noise, structureborne noise, submarine vibration monitoring program, and trial director functional groups. These database management systems provide historical data storage and retrieval, class statistical analyses, and trend analysis.

3.4 Ocean Engineering Project Support

The Contractor shall provide support for the planning, conduct and execution of Ocean Engineering Projects at Code 70 facilities and detachments. These services support RDT&E of underwater acoustic data acquisition and processing systems, surface and subsurface navigation and tracking systems (hardware and software), acoustic noise characterization and performance measurement of undersea vehicles, equipment, naval ocean research systems, or specialized underwater tools, and operational and logistics exercises in support of fleet training and special forces exercises and shall include the following:

Contractor support includes:

1. Development of long range and strategic planning documentation and execution plans
2. Preparation of test plans, procedures, agendas, and other documentation
3. Identification of required instrumentation, data acquisition, and processing methods
4. Design and set up of special test equipment
5. Design, identification, and implementation of support facility infrastructure
6. Collection, analysis and evaluation of various signature data
7. Development and preparation of reports, technical analyses, recording of minutes and proceedings of special ship silencing committees, and
8. Assessment of research and development programs

Due to the sensitivity of the information available at the site(s) to be supported, their remote locations, and the requirement for a secret clearance, it is imperative that a single contractor be responsible for all site support at the service site(s). Therefore, the following ancillary and incidental services/tasks will also be required:

3.5 SEAFAC Logistics and Operations

The Contractor shall perform the following logistics and operations tasks in support of SEAFAC. Typically, SEAFAC conducts twelve submarine underwater acoustic trials each year with a typical trial spanning a three days period. Operations continue 24 hours a day and include tracking all vessels and targets on the range, recording data according to the test plan, reducing data to meet trial objectives, and providing logistical support for the trial operations. Each trial is preceded by a two-day pretrial period where system operation is verified and following each trial there is a one-day demobilization period.

3.5.1 Trial Support

The Contractor shall perform the following trial support tasks in support of Code 70 facilities and its detachments specified under Item 2 - Background.

The Contractor shall provide engineering and technical support for the planning, conduct, and execution of full-scale acoustic trials on submarines and surface ships and model-scale trials. The Trial Director shall develop trial agendas based on the technical requirements, operate the trial ranging system to ensure that run geometries comply with

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agenda requirements; coordinate with ships force to ensure that ship operating conditions meet agenda requirements, coordinate measurement and analysis personnel to identify and resolve acoustic problems.

The Contractor shall provide engineering and technical support services for full-scale and model-scale trials. These services include the assessment of current measurement systems and procedures, recommendations for improving these systems and procedures through special trials and related studies, and the collection, reduction, analysis and reporting of submarine trials data. Contractor support tasks include the development of trial documentation and test plans and preparation of final reports. Support is required for radiated, platform, sonar self noise, structureborne, and airborne noise measurement disciplines.

The Contractor, if required, shall provide underwater inspections, photography, and test support.

The contractor shall provide support research and development testing of manned or unmanned underwater models or vehicles. Specific test support includes Operation & Maintenance (O&M) of data acquisition and recording systems, and other equipment associated with testing. The products of models or test vehicle support includes engineering technical data, procedures, and other research and development data obtained during underway testing and other evolutions.

The contractor shall provide support those activities necessary for the logistic support of models or vehicles, data acquisition systems, and support equipment employed in research, development, test and evaluation (RDT&E). Project support involves test support, measurement system support, data acquisition and processing system support, facility, test fixture and model support, and design and system development support. Support is not specific to any particular vehicle in the current or future inventory. The product of project support will vary depending on the project test requirements and specific model or equipment used to complete the test objectives.

This support may include work in support of testing executed on the models or vehicles, such as research and development of special installations, special testing from moored barges, modifications to the vehicles, and system upgrades. The scope shall include activities relating to management and support of infrastructure preservation; fabrication of new models and data acquisition systems; fabrication and installation of underwater instrumentation systems; and data processing, archiving and reporting.

If required, the contractor shall provide engineering, technical, logistics, material and related services to deliver and execute and/or assist with project support as outlined below:

1. Provide test planning, preparation, coordination, and execution support
2. Operate, maintain, outfit, modify, and repair models, support platforms, and test articles
3. Conduct test and experiment data collection, data stripping, processing, and validation
4. Operate the data measurement, acquisition, processing, and analysis systems
5. Configure facilities, models, test platforms, and instrumentation into integrated measurement systems to acquire and process test data.
6. Support model preparations, configuration changes and outfitting
7. Install, operate, calibrate, and repair sensors, equipment and data systems in models
8. Manage and perform measurement system instrumentation calibration and certification
9. Prepare, update, and maintain system technical, operational, and maintenance documents
10. Develop, implement, and maintain configuration plans for systems and equipment
11. Develop recommendations for measurement system modification and improvement
12. Perform electronic, electrical, mechanical and structural engineering design efforts for in-water, on-water, sub-surface and shore-based test facilities, equipment, physical models, test vessels and platforms
13. Support system component specification, design, fabrication, assembly, integration, installation and performance verification
14. Operate vessels and logistics equipment to support operations and material movement
15. Provide miscellaneous welding, metal fabrication, and machine shop support
16. Operation and maintenance of cable handling systems and rigging equipment
17. Design, fabricate, assemble, integrate, and install components, devices and systems to support test projects

3.5.2 Site Infrastructure

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Buildings and Facilities: The contractor shall inspect site structures and buildings prior to mission events to ensure all structures are suitable for conducting the mission. The contractor will make the appropriate repairs to ensure these mission events can be conducted safely and securely.

Waste Management: The contractor shall collect, remove and dispose of all solid and liquid wastes from the facility. All paper and wood products are to be separated from the solid wastes and incinerated. Liquid wastes might include hazardous materials such as waste oil, antifreeze, hydraulic oils, kitchen oils, and glycol. An oil burner and an oily waste burner are used for waste fuel, lubricating oils, solvents, oily rags, used absorbents, and other petroleum products. The contractor shall ensure that all recyclable materials are recycled.

Environmental: Contractor personnel shall be trained in OSHA requirements and be knowledgeable in hazardous material (and waste) storage, handling, spill response, and disposal procedures. Contractor personnel shall participate in semi-annual spill response drills. The Contractor shall comply with all local, state, and federal safety and environmental laws.

3.5.3 Site Systems and Equipment

The contractor shall be responsible for operating, maintaining, inspecting, repairing, and implementing the government specified upgrades to the following systems:

Static Site: The contractor shall provide the necessary services to operate and maintain the Static Site measurement systems and physical hardware components. The measurement systems include the High Gain Measurement System (HGMS), deployment and handling equipment, and support systems. This support shall include direct operations of hardware and software. The physical hardware for the Static Site includes the barges, the sheave buoys, the corner buoys, the spanning wires, the interconnect cable, the suspension system, the suspension winches, the power subsystem and all support equipment.

Underway Site: The contractor shall provide the necessary services to operate, maintain, repair, and improve the Underway Site measurement systems and physical hardware components. The contractor shall provide support for the operations and maintenance of the underway HGMS array systems.

Tracking System: The contractor shall provide the necessary services to operate, maintain, repair, and improve the SEAFAC tracking and navigation systems, including the associated underwater communications and warning systems.

Material Handling, Weight Handling, and Rigging Equipment: The contractor shall provide the necessary services to operate and maintain all material handling, weight handling, and rigging equipment. The contractor shall operate and maintain all cranes. The contractor shall provide qualified operators for material handling, weight handling, rigging equipment, and heavy equipment. Some items, cranes, vessels, forklifts, etc. have special qualifications required under various state and federal regulations.

Vessels and Vehicles: The contractor shall provide services for the daily operations and scheduled trials. The contractor shall be able to operate any of the small boats for the transferring of personnel, material, and equipment. The contractor shall be responsible for the operation and maintenance of site vehicles.

Water Supply System: The contractor shall inspect site water supply systems prior to mission events to ensure the system is suitable for conducting the mission. The contractor will make the appropriate repairs to ensure these mission events can be conducted safely and securely.

Power Plant and Electrical System: The contractor shall inspect site power plant and electrical systems prior to mission events to ensure the systems are suitable for conducting the mission. The contractor will make the appropriate repairs to ensure these mission events can be conducted safely and securely.

Heating, Ventilation and Air Conditioning (HVAC): The contractor shall inspect site heating, ventilation and air conditioning systems prior to mission events to ensure the system is suitable for conducting the mission. The contractor will make the appropriate repairs to ensure these mission events can be conducted safely and securely.

Fire Fighting System: The contractor shall inspect site fire fighting systems prior to mission events to ensure the system is suitable for conducting the mission. The contractor will make the appropriate repairs to ensure these

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mission events can be conducted safely and securely.

Communications and Electronics Systems: The contractor shall inspect site communications and electronics systems prior to mission events to ensure the system is suitable for conducting the mission. The contractor will make the appropriate repairs to ensure these mission events can be conducted safely and securely.

Sewage Treatment System: The contractor shall inspect site sewage treatment systems prior to mission events to ensure the system is suitable for conducting the mission. The contractor will make the appropriate repairs to ensure these mission events can be conducted safely and securely.

3.5.4 Emergency Services

During testing operations, the contractor shall immediately effect repairs on any electronic or mechanical system that could cause delays or cancellation of the trial if repair of the system were delayed. The contractor shall provide on-call services during trials. The contractor shall be responsible for conducting emergency repairs to or recovery of any component of the underwater acoustical measurement system at SEAFAC.

3.5.5 Operations Support

The contractor will provide the following operations support:

Range Security: During acoustic trials, the contractor shall assist the Facility Control Officer (FCO) in keeping the range and pier clear of all unauthorized vessels and personnel.

Sonar Calibration Support: During acoustic trials, the contractor shall support sonar calibration operations at the Static or Underway Sites. The FCO shall notify the contractor when to commence these operations. The contractor will provide vessels for this service.

Electronic Equipment Installation: For each acoustic trial, electronic equipment shall be installed on a submarine. The contractor shall provide an electronic technician or other qualified person to assist in the installation of this equipment. Travel will be required to installation ports such as submarine bases or other locations as specified.

Logistics: The contractor will assist the site manager to provide logistics services in support of mission readiness at SEAFAC. The contractor will ensure that supplies, materials, and personnel are delivered in time to meet operational schedules. This function includes shipping and receiving and equipment, coordinating transportation for mission support personnel and visitors, and coordinating support services to the site. This support shall be continuous during trial or extended maintenance operations and the week prior to each trial or extended maintenance operation.

Charters: The contractor shall arrange and schedule all trial and non-trial aircraft, vehicle, and vessel charters for providing logistics, transportation of personnel, equipment, food, dry goods, and other support materials.

Meal Service: During operations, the contractor shall plan, prepare, and provide three hot, well-balanced, and nutritious meals per day for personnel supporting trial activities. The contractor shall provide additional "day cook" support, as specified by the Task Order Manager (TOM).

Cleaning Support: The contractor shall provide cleaning services in support of mission events which may include laundry and janitorial services.

Shipping and Receiving: The contractor shall provide the necessary services for the shipment and receipt of all materials, both classified and unclassified. The contractor shall maintain an inventory of all equipment at SEAFAC to assist with the Government with its annual inventory of equipment.

General Security: The contractor will provide support to the Site Director/security officer to maintain site security at SEAFAC. The contractor will assist to ensure that facility access is limited to authorized personnel and to perform fire watch duties during the normal workday. After hours, the SEAFAC security system, fire alarms, Static Site alarms, and other site alarms provide site security. The contractor shall support the Site Director/security officer to receive and respond to alarms. Any response actions will be coordinated with the Site Director/security officer.

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Visitor and Document Control: The contractor shall assist the Government in meeting the security requirements for the site. Under Government direction, the contractor shall, at times, receive, accept, store, handle, package, and ship classified, pre- and post-trial, material. The contractor shall ensure that all security regulations regarding classified document and medium handling, storage, disposal and transportation, contractor personnel clearances, official visits, request and site security are conducted in accordance with the DD 254 provided as an attachment to this task order.

4 Special Requirements

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

4.1 Security

The contractor shall comply with security procedures and instructions as specified by the local Government Security Department. The nature of the work is considered unclassified. However, some tasks may require access to classified documents and secured lab areas. All contractors performing these tasks are required to obtain a SECRET security clearance. Access to classified information shall be limited by security clearance level and need to know, and all classified material shall be handled in accordance with approved security practices and procedures. Contractor personnel in contact with classified documentation and/or equipment shall have the proper level of clearance on file with the local Government Security Office.

Full-scale and model-scale trials at NSWCCD facilities are SECRET, unless otherwise directed. All materials and medium generated from trials or operations at NSWCCD facilities are SECRET, unless otherwise directed. During operations, the contractor shall limit and control the access of contractor personnel into the restricted areas to those persons cleared for the operation and with the need to know. Contractor personnel with access to the site during trials shall be cleared CONFIDENTIAL. The security requirements are specified under the DD Form 254 provided as an attachment to this task order.

4.2 Deliverables

Deliverables will be written reports and presentations providing reporting results obtained on assigned tasks or recommendations following analyses or assessments. Additionally oral presentations may be required. These will be prepared on a schedule assigned for each task. Written reports shall be delivered to NSWCCD DET Puget Sound. Oral presentations may be given at agreed upon locations. All deliverables shall be completed and submitted in accordance with the requirements listed below. Final copies of deliverables shall be distributed to the TOM and RTA.

4.2.1 Progress Reports

The contractor shall provide the Government (TOM and Contracting Officer first page only) with monthly progress and status reports for each Contract Line Item Number (CLIN). The report shall summarize efforts currently in progress, planned tasking, accomplishments and problems encountered, and financial status by CLIN.

Deliverables: The contractor shall submit a Monthly Progress and Status Report, in narrative form with graphics, as appropriate, to illustrate information clearly. Contractor format is acceptable.

Frequency: Monthly.

Medium: Electronic format (Microsoft compatible format whenever possible). Unless the original format of the document is a requirement, contractor format is acceptable.

Due Date: 30 days after task order award and monthly thereafter. Reports shall be delivered NLT 7 days into the new reporting period.

4.2.2 Technical Reports

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

Deliverables: Engineering and technical reports shall provide the Government with fully documented results of studies, investigations, experiments and analyses performed. Reports include summaries, recommendations, status,

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trip reports, and any other required report.

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

Medium: Electronic format (Microsoft compatible format whenever possible).

Due Date: Contractor shall be notified of specific due dates as required.

4.2.3 Report, Record of Meeting/Minutes

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

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

Frequency: The Government shall provide notification of all meeting support requirements.

Medium: Electronic format (Microsoft compatible format whenever possible).

Due Date: Contractor shall be notified of specific due dates as required.

4.2.4 Presentation Materials

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

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

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

Medium: Electronic format (Microsoft compatible format whenever possible).

Due Date: Contractor shall be notified of specific due dates as required.

4.2.5 Revisions to Existing Government Documents

The contractor shall review existing Government documents, provided as government furnished information (GFI), for technical accuracy; prepare changes for incorporation, make recommendations for changes with supporting rationale, and incorporate changes. Unless the original format of the document is a requirement, contractor format is acceptable.

Deliverables: The contractor shall provide the Government with updated Government documents.

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

Medium: Electronic format (Microsoft compatible format whenever possible). Unless the original format of the document is a requirement, contractor format is acceptable.

Due Date: Contractor shall be notified of specific due dates as required.

4.2.6 Technical Data Package (TDP) Preparation

The contractor shall develop Technical Data Packages (TDPs) containing all required descriptive documentation. Contractor format is acceptable.

Deliverables: The contractor shall provide the Government with TDPs suitable for use in competitive acquisitions.

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

Medium: Electronic format (Microsoft compatible format whenever possible). Unless the original format of the document is a requirement, contractor format is acceptable.

Due Date: Contractor shall be notified of specific due dates as required.

4.2.7 Reliability and Maintainability Support

The contractor shall perform engineering analyses, and technical assessments to ensure that reliability and maintainability requirements are consistent with the program's overall mission requirements. Contractor format is acceptable.

Deliverables: The contractor shall provide the Government with reports, analyses, and results of assessments on the reliability and maintainability of system, subsystem, and component design ensuring functional effectiveness.

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

Medium: Electronic format (Microsoft compatible format whenever possible). Unless the original format of the document is a requirement, contractor format is acceptable.

Due Date: Contractor shall be notified of specific due dates as required.

4.2.8 Configuration Management (CM) Support

The contractor shall provide CM support to control system, subsystem, and component products, processes, and documentation. Contractor format is acceptable.

Deliverables: The contractor shall identify, document, and verify the functional and physical characteristics of an item, record the configuration, and control changes to the item and its documentation.

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

Medium: Electronic format (Microsoft compatible format whenever possible). Unless the original format of the document is a requirement, contractor format is acceptable.

Due Date: Contractor shall be notified of specific due dates as required.

4.2.9 Integrated Logistics Support (ILS)

The contractor shall provide ILS associated with the design, development, test, fabrication, sustainment, and improvements to systems, subsystems, and components.

Deliverables: The contractor shall identify and develop all logistics elements necessary to effectively support systems, subsystems, and components through their life-cycle, and provide required logistic, engineering, and technical reports and documentation to the Government. Contractor format is acceptable.

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

Medium: Electronic format (Microsoft compatible format whenever possible). Unless the original format of the document is a requirement, contractor format is acceptable.

Due Date: Contractor shall be notified of specific due dates as required.

4.2.10 Training Support

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The contractor shall provide training requirements to ensure that adequate instruction is provided on systems and subsystems.

Deliverables: The contractor shall identify, develop, and update training products to ensure attainment and retention of knowledge and skills on system, subsystem, platform, and component operation and maintenance capabilities. Contractor format is acceptable.

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

Medium: Electronic format (Microsoft compatible format whenever possible). Unless the original format of the document is a requirement, contractor format is acceptable.

Due Date: Contractor shall be notified of specific due dates as required.

4.2.11 REQUIRED REPORTS

The contractor shall report contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the Naval Surface Warfare Center, Carderock Division via a secure data collection site. Contracted services excluded from reporting are based on Product Service Codes (PSCs). The excluded PSCs are:

- (1) W, Lease/Rental of Equipment;
- (2) X, Lease/Renal of Facilities;
- (3) Y, Construction of Structures and Facilities;
- (4) S, Utilities ONLY;
- (5) V, Freight and Shipping ONLY.

The contractor is required to completely fill in all required data fields using the following web address <https://doncmra.nmci.navy.mil>. Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reports any time during the FY, all data shall be reported no later than October 31 of each calendar year. Contractors may direct questions to the help desk, linked at <https://doncmra.nmci.navy.mil>.

4.3 Government Furnished Property and Information

The contractor shall have access to all Government materials information, and equipment at SEAFAC as required necessary by the TOM. When necessary, the Government shall provide access to reference documents and data such as drawings, technical manuals, and electronic media files.

4.4 Travel

The contractor may be required to travel throughout the Continental United States (CONUS) and to sites off the continental United States. Trip duration will normally not exceed five working days plus the required transit time. When required to obtain access to a Government facility, ship, aircraft, or other duty station, the contractor shall initiate requests for need-to-know certification, and submit these requests to the task order manager (TOM) for appropriate action. Trip reports shall be provided within five (5) working days of return from travel, or submitted with the Monthly Status Report for the month in which the trips were taken. The contractor is authorized to use task order funds for travel in order to complete assigned tasking. The contractor is authorized to purchase non-refundable airline tickets for all required travel. Contract personnel will be required to maintain a US passport.

4.5 Requiring Technical Activity (RTA)

The RTA Points of Contact will be defined in each task instruction.

4.6 Release of Information

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The contractor shall not disclose any information provided or developed on any task order without prior approval from the TOM.

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

5 Performance Requirements Summary

For quality assurance, the contractor's tasks will be inspected and accepted by the TOM or his designated alternate. All technical clarifications shall be coordinated with the TOM and contractual clarifications shall be coordinated with the Contracting Officer.

The main performance outcomes are outlined in the Performance Requirements Summary table below:

- 97-100% - Exceptional
- 92-96% - Very Good
- 86-91% - Satisfactory
- 70-85% - Marginal
- 0-69% - Unsatisfactory

Performance Requirements Summary Chart

Primary Performance Objectives	Performance Standard/AQL	Performance Assessment Method
The Contractor met the performance requirements of each delivery order element.	(Target 95%)	Government will assess this on an element-by-element basis and assess overall performance annually.
The Contractor submitted deliverables on time.	(Target 95%)	Government will assess this on an element-by-element basis and assess overall performance annually.
The Contractor was able to meet the scope requirements of PWS.	(Target 95%)	Government will assess this based on the types of tasking and assess overall performance annually.
The Contractor maintained close liaison and good communications with the Government.	(Target 95%)	Government will assess this on an element-by-element basis and assess overall performance annually.
All deliverables met the requirements of each delivery order element.	(Target 95%)	Government will assess this on an element-by-element basis and assess overall performance annually.
Monthly progress reports and other deliverable items were submitted as required..	(Not less than 86%)	Government will assess periodically, with formal assessment at the end of each Lot Year.
Contractor attended COR meetings knowledgeable about, and prepared to discuss deliverable items.	(Not less than 86%)	Government will assess periodically, with formal assessment at the end of each Lot Year.
The Contractor was effective in controlling costs.		Government will assess periodically, with formal assessment at the end of each Lot Year. Invoice review by COR & DCAA and

	(Target 95%)	DCAA Audit of closed contract.
The Contractor followed the Joint Travel Regulations (JTR) Volume II	(Not less than 86%)	Government will check for compliance during invoice review.
The Contractor was able to provide skilled personnel in each labor category when required.	(Target 95%)	Government will assess this on an element-by-element basis and assess overall performance annually.

6 Contractor Personnel Identification

In the performance of this contract, contractor employees shall identify themselves as contractor personnel by introducing themselves or being introduced as contractor personnel and by displaying distinguishing badges or other visible identification for meetings with Government personnel. Contractor personnel shall appropriately identify themselves as contractor employees in telephone conversations and formal and informal written correspondence.

7 Personnel

7.1 Level of Effort

The level of effort for the performance of this task order is based upon an anticipated total estimated level of effort of [REDACTED] hours of direct labor per year. The Key and Non-Key personnel and labor hours are as follows:

Key Personnel

1. Program Manager	[REDACTED]
2. Senior Engineer	[REDACTED]
3. Principal Investigative Scientist	[REDACTED]
4. Senior Electronics/Electrical Engineer	[REDACTED]
5. Senior Mechanical Engineer	[REDACTED]
6. Senior Software Engineer	[REDACTED]
7. Senior Acoustic Analyst	[REDACTED]
Subtotal	[REDACTED]

Non-Key Personnel

8. Waterfront Operations Director	[REDACTED]
9. Electronics/Electrical Engineer	[REDACTED]
10. Mechanical Engineer	[REDACTED]
11. Senior Engineer	[REDACTED]
12. Engineer	[REDACTED]
13. Junior Engineer	[REDACTED]
14. Software Engineer	[REDACTED]
15. Investigative Scientist	[REDACTED]
16. Acoustic Analyst	[REDACTED]
17. Senior Management Analyst	[REDACTED]
18. Management Analyst	[REDACTED]
19. Logistics Coordinator	[REDACTED]
20. Environmental Planner	[REDACTED]
21. Electronics Technician	[REDACTED]
Level 5	
Level 4	
Level 3	
Level 2	
Level 1	
22. Mechanical Specialist	6,790

23. Drafter
24. Technical Illustrator
25. Technical Editor/Typist
26. Boat Operator
27. Janitor
28. Cook
29. Cook Helper
Subtotal
Total hours per year:



The following education and experience levels specified are required for performance of this task order. The offeror shall provide resumes for the Key Personnel identified below to support this effort. Offerors shall fully demonstrate that the proposed personnel have the necessary skills and experience to successfully perform the requirements.

Task Area	Labor Category	IAWF Level	Baseline Cert.	OS Cert.
3.13; 3.15; 3.4; 3.5	Senior Electronics/Electrical Engineer	IAT-1	NET+	Linux+
3.13; 3.15; 3.4; 3.5	Electronics/Electrical Engineer	IAT-1	NET+	Linux+
3.13; 3.15; 3.2; 3.4; 3.5	Software Engineer	IAT-2	SEC+	Linux+
3.13; 3.15; 3.2; 3.4; 3.5	Senior Software Engineer	IAT-2	SEC+	Linux+

The information contained in the above table is required as a condition of employment. Each labor category that applies should have this requirement added to the other requirements such as college degrees

Key personnel:

1. Program Manager - The resumes for this labor category should have the following target education and experience.

- a. A Masters Degree or Bachelors Degree in Engineering or Physics, and
- b. 15 Years experience (Master Degree) or 18 years experience (Bachelors Degree) in managing projects and programs related to the design, development, test, evaluation, and implementation of complex underwater acoustic measurement systems in support of submarine silencing programs. Five of these years demonstrate experience in the management of level-of-effort contracts in technical disciplines related to the performance work statement. Three of these years demonstrate experience in managing programs using earned value management (EVM) principles.
- c. Familiarity with ship silencing programs for both surface ships and submarines, and familiarity with the inter-relationships between and requirements of the Fleet, NAVSEA, Navy Laboratories, and other Navy activities dealing with ship silencing programs and issues.
- d. Familiarity with programs involved in solving acoustic vibration problems in current Navy ships and in improving the acoustic performance of the next generation of Navy ships.
- e. Extensive familiarity with SEAFAC Upgrades High Gain Measurement System (HGMS) design and

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operations including program management and systems engineering processes used during development of the SEAFAC HGMS.

2. Senior Engineer - The resumes for this labor category should have the following target education and experience.

- a. A Masters Degree or Bachelors Degree in Engineering or Physics, and
- b. 15 Years total experience (Masters Degree) or 18 years of experience (Bachelors Degree) in surface ship and submarine silencing. Five of these years demonstrate experience in supervision and project management of acoustic and vibration related ship silencing tasks. Three of these years demonstrate experience in managing programs using earned value management (EVM) principles.
- c. A comprehensive understanding of acoustic silencing issues as they relate to ship mission, design, and operation of ship systems, and how those issues influence modifications and silencing improvement to present ships, and design and specifications of future ships.
- d. Familiarity with SEAFAC Upgrades High Gain Measurement System (HGMS) design and operations including program management and systems engineering processes used during development of the SEAFAC HGMS.

3. Principal Investigative Scientist - The resumes for this labor category should have the following target education and experience.

- a. A PhD in physics, mathematics, or engineering, and
- b. 5 Years experience in advanced signal processing techniques, acoustics theory, and measurements of physical structures. Also required is demonstrated experience in the interfacing of hardware and the development of software for: (1) real time acquisition and analysis of acoustic data from ships and submarines; and underwater tracking systems or (2) for command and control and information management systems. This includes working knowledge of Windows, Linux and HPUNIX operating systems and software development using Assembly, C#, C++, and C. Individuals should have an established track record of project management of system development and integration plus demonstrated task completion of software module development (at least 50,000 lines of code) in support of system development and integration for signature data measurement and analysis systems.
- c. A demonstrated understanding of wave theory and how it relates to physical phenomena. Demonstrated knowledge of physics associated with acoustic scattering phenomena, acoustic resonance, wave theory, and wave propagation. Should have familiarity with boundary value problems and their solutions, finite element and finite boundary methods, and with physical structures and a demonstrated understanding of how theory relates to these.
- d. 10 Years experience in advanced signal processing techniques, acoustics theory, and measurements of physical structures, including full scale and model scaled submarines. Also required is demonstrated experience and understanding of wave theory and how it relates to physical phenomena. Demonstrated knowledge of physics associated with acoustic scattering phenomena, acoustic resonance, wave theory, and wave propagation. Should have familiarity with boundary value problems, their solutions, finite element and finite boundary methods.

4. Senior Electronics/Electrical Engineer - The resumes for this labor category should have the following target education and experience.

- a. A Masters or Bachelors Degree in Electrical Engineering, and
- b. 10 Years experience (Masters Degree) or 15 Years experience (Bachelors Degree) in submarine and surface ship silencing work. The experience should include ocean engineering of complex in-water arrays, in-water installation of arrays in harsh environments, a thorough understanding of acoustic measurement system calibration (both electronic and in-water), and maintenance of in-water arrays. Should demonstrate 5 years experience in the interfacing of hardware and the development of software for: (1) real time acquisition and analysis of acoustic data from ships and submarines; or (2) for command and control and information management systems. This includes working knowledge of Microsoft Windows, Linux, and HPUNIX operating systems and software development using Assembly, C#, C++, and C. Individuals should have an established record of accomplishment of project management of system development and integration plus demonstrated task completion of software module development in support of system development and integration.

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5. Senior Mechanical Engineer - The resumes for this labor category should have the following target education and experience.

- a. A Masters or Bachelors Degree in Mechanical Engineering, and
- b. 10 Years (Masters Degree) or 15 Years (Bachelors Degree) experience working with ocean engineering systems. The experience should include the fabrication and assembly, installation, and recovery of in water systems. Should also demonstrate experience in managing complex mechanical refits of marine vessels with emphasis on application coast guard regulations. Experience should also include working within navy P-307 crane certification programs.

6. Senior Software Engineer - The resumes for this labor category should have the following target education and experience.

- a. A Bachelors Degree in Engineering, Physics, or Computer Science, and
- b. 8 Years experience in developing complex hardware/software systems. 5 Years of which should demonstrate experience in the interfacing of hardware and the development of software for: (1) real time acquisition and analysis of acoustic data from ships and submarines; and underwater tracking systems or (2) for command and control and information management systems. This includes working knowledge of Windows, Linux and HPUNIX operating systems and software development using C#, C++, and C. Individuals should have an established record of accomplishment of project management of system development and integration plus demonstrated task completion of software module development in support of system development and integration.

7. Senior Acoustic Analyst - The resumes for this labor category should have the following target education and experience.

- a. A masters or bachelors degree in physics, mathematics, or engineering and
- b. 10 Years experience (masters degree) or 15 years experience (bachelors degree) in analysis of acoustic data from submarines and surface ships in one or more of the following disciplines: radiated noise, platform noise, sonar self noise, structure borne noise, machinery vibration condition analysis.
- c. 3 Years experience in advanced signal processing techniques and acoustics theory, and
- d. A demonstrated understanding of wave theory and how it relates to physical phenomenon. Demonstrated knowledge of physics associated with acoustic scattering phenomena, acoustic resonance, wave theory, and wave propagation. Must have familiarity with finite element and finite boundary methods.

Non Key Personnel:

8. Waterfront Operations Director

- a. 15 Years experience managing acoustic related projects and maritime assets. Project management experience shall include a thorough practical knowledge of jobs planning, cost control, and the capabilities and utilization of waterfront industrial repair facilities. A comprehensive understanding of configuration management techniques.
- b. Experience with ocean going platforms such as the M241 Barge and small craft under all weather conditions in inland water and ocean environments. Experience should include knowledge of all aspects of: platform and small craft operations and support systems; planning and operation of single and multiple platform surface navigation systems, merged with underwater tracking systems for submarines, vehicles, targets and acoustic arrays; surface and sub-surface communication systems; and the operation, maintenance, repair and inspection these systems, subsystems and components.
- c. Experience in reading, interpreting and understanding blue prints, drawings, schematics and implementing program security directives, safety regulations and local area instructions. Maintains certifications of and operates physical security systems IAW DoD and SCI requirements.
- d. 10 Years experience with weight handling equipment (cranes to 30-ton capacity and associated rigging gear in accordance with NAVFAC P-307). Experience should include: general crane safety; crane mechanical and electrical/electronic systems (operation, maintenance, repair and inspections; operator licensing and qualifications; directing load testing, conducting condition inspections and completing certifications; and the planning, supervising, and conducting of complex lifts and rigging operations.
- e. 10 years experience with underwater remote operated vehicles (ROV's) to include the Deep Ocean Engineering Phantom DHD2 and the Seabotics LVB-150 ROV. Experience should include: operating, maintaining,

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repairing, and conducting inspections; generating standard operating procedures; overall planning and coordination for platform and resources (personnel, materials and services) required for ROV mobilization, operation and de-mobilization.

9. Electronics/Electrical Engineer

- a. A Bachelor's Degree in Electrical or Electronics Engineering, and
- b. 3 years experience in submarine and surface ship acoustic measurement system design and development. The experience shall include engineering of complex in-water hydrophone arrays in harsh environments, a thorough understanding of acoustic measurement system calibration techniques (both electronic and in-water), and maintenance of in-water arrays. Shall demonstrate experience in the interfacing of hardware and the development of software for: (1) real time acquisition and processing of acoustic data from ships and submarines; or (2) for command and control and information management systems. This includes working knowledge of Microsoft Windows and Linux operating systems and software development using Assembly, C#, C++, and C. Individuals shall have an established record of accomplishment of project management of system development and integration plus demonstrated task completion of software module development in support of system development and integration.

10. Mechanical Engineer

- a. A Bachelor's Degree in Mechanical Engineering, and
- b. 3 years experience in submarine and surface ship acoustic measurement system design and development. Shall demonstrate experience with mechanical engineering aspects of complex hydrophone arrays in deep ocean environments and a thorough understanding of mechanical fabrication and assembly techniques for hydrophone array assemblies.

11. Senior Engineer

- a. A Masters Degree in Engineering, and
- b. 10 Years experience working with ocean engineering systems. This experience shall include but not be limited to ocean engineering of complex in-water arrays, in-water installation of arrays in harsh environments, a thorough understanding of acoustic measurement system calibration (both electronic and in-water), maintenance of in-water arrays, environmental engineering, experience with the NEPA process including the development of environmental assessment and environmental impact statements, and oceanographic engineering.

12. Engineer

- a. A Bachelors Degree in Engineering or Physics, and
- b. 3 Years experience working with ocean engineering systems. This experience shall include but not be limited to ocean engineering of complex in-water arrays, in-water installation of arrays in harsh environments, a thorough understanding of acoustic measurement system calibration (both electronic and in-water), maintenance of in-water arrays, environmental engineering, experience with the NEPA process including the development of environmental assessment and environmental impact statements, and oceanographic engineering.

13. Junior Engineer

A Bachelor's Degree in Engineering or Physics.

14. Software Engineer

- a. A Bachelor's Degree in Engineering, Physics, or Computer Science, and
- b. 5 Years demonstrated experience in the interfacing of hardware and the development of software for: (1) real time acquisition and analysis of acoustic data from ships and submarines; and underwater tracking systems or (2) for command and control and information management systems. This includes working knowledge of Windows, Linux and HP-UX operating systems and software development using C#, C++, and
- c. Individuals shall have an established record of accomplishment of project management of system development and integration plus demonstrated task completion of software module development in support of system development and integration.

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15. Investigative Scientist

- a. A masters degree in physics, mathematics, or engineering, and
- b. 3 Years experience in advanced signal processing techniques and acoustics theory, and
- c. A demonstrated understanding of wave theory and how it relates to physical phenomenon. Demonstrated knowledge of physics associated with acoustic scattering phenomena, acoustic resonance, wave theory, and wave propagation. Shall have familiarity with finite element and finite boundary methods.

16. Acoustic Analyst

- a. 15 Years experience in analysis of acoustic data from submarines and surface ships in one or more of the following disciplines: radiated noise, platform noise, sonar self noise, structure borne noise, machinery vibration condition analysis.
- b. Demonstrated technical capability to summarize results of analysis and develop recommendations for utilization in messages, reports, and other documentation.

17. Senior Management Analyst

15 years experience in the development and implementation of program and project management and organizational management tracking and control systems; including the development of system requirements, implementation of system procedures, and development of documentation to demonstrate system performance. Organizational management experience should include development and implementation of instructions and procedures for monitoring personnel management system including; job description, position classification, and performance assessment. Experience shall include supporting program managers to prepare, organize, collect, evaluate, review, and/or revise program documentation including, but not limited to, issue papers, program plans, implementation plans, milestone charts, work breakdown structure, impact statements, funding profiles, procurement requirements, cost and analysis studies, and resource management including staffing. Experience shall also include short and long-term program assessment, resource and personal management and leveling including staffing, cost cycles and analysis, develop and maintain program metrics, develop and implement program process improvements, and provide program management training and documentation.

18. Management Analyst

5 years experience in the development and implementation of program and project management and organizational management tracking and control systems; including the development of system requirements, implementation of system procedures, and development of documentation to demonstrate system performance. Organizational management experience should include development and implementation of instructions and procedures for monitoring personnel management system including; job description, position classification, and performance assessment. Experience shall include supporting program managers to prepare, organize, collect, evaluate, review, and/or revise program documentation including, but not limited to, issue papers, program plans, implementation plans, milestone charts, work breakdown structure, impact statements, funding profiles, procurement requirements, cost and analysis studies, and resource management including staffing. Experience shall also include short and long-term program assessment, resource and personal management and leveling including staffing, cost cycles and analysis, develop and maintain program metrics, develop and implement program process improvements, and provide program management training and documentation.

19. Logistics Coordinator

10 years experience in organizing and supporting remote technical operation of 5 or more personnel with security, transportation, purchasing, shipping, receiving, plant property, and handling of hazardous materials. This individual has the understanding of, and experience in, winch operation and small boat operation. This individual shall be willing and able to serve as either a winch or a boat operator when the need arises.

20. Environmental Planner

10 years of direct experience and a Bachelor's degree in environmental planning, a related science, or an engineering field. Experience shall include categorical exclusions, environmental assessments, and environmental impact statements.

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21. Electronics Technician

Level 5:

- a. 10 Years experience as an electronics technician. 5 Years experience in the maintenance and assembly of electronic equipment and instruction, including transducers, low noise instrumentation amplifiers, spectrum analyzers, multi-channel analog tape recorders.
- b. Reading, interpreting and understanding blue prints, drawings, schematics and implementing program security directives, safety regulations and local area instructions. Maintains certifications of and operates physical security systems in accordance with (IAW) DoD and SCI requirements.

Level 4:

- a. 8 Years experience as an electronics technician. 4 Years experience in the maintenance and assembly of electronic equipment and instruction, including transducers, low noise instrumentation amplifiers, spectrum analyzers, multi-channel analog tape recorders.
- b. Reading, interpreting and understanding blue prints, drawings, schematics and implementing program security directives, safety regulations and local area instructions. Maintains certifications of and operates physical security systems in accordance with (IAW) DoD and SCI requirements.

Level 3:

- a. 6 Years experience as an electronics technician. 3 Years experience in the maintenance and assembly of electronic equipment and instruction, including transducers, low noise instrumentation amplifiers, spectrum analyzers, multi-channel analog tape recorders.
- b. Reading, interpreting and understanding blue prints, drawings, schematics and implementing program security directives, safety regulations and local area instructions. Maintains certifications of and operates physical security systems in accordance with (IAW) DoD and SCI requirements.

Level 2:

4 Years experience as an electronics technician. 2 Years experience in the maintenance and assembly of electronic equipment and instruction, including transducers, low noise instrumentation amplifiers, spectrum analyzers, multi-channel analog tape recorders.

Level 1:

2 Years experience as an electronics technician. 1 Year experience in the maintenance and assembly of electronic equipment and instruction, including transducers, low noise instrumentation amplifiers, spectrum analyzers, multi-channel analog tape recorders.

22. Mechanical Specialist

- a. 5 Years experience in the operation, maintenance, and troubleshooting of equipment and machinery operating in a marine environment.
- b. Operating and maintaining small craft and remote operated sub sea vehicles operation under all weather conditions in inland and ocean environments. Responsible for craft maintenance.
- c. Planning, supervising and conducting heavy rigging operations, responsible for administering the applicable support equipment, and resources. Obtaining required qualifications, certifications and licensing (e.g. crane operator, forklift, etc.)
- d. Reading, interpreting and understanding blue prints, drawings, schematics and implementing program security directives, safety regulations and local area instructions. Maintains certifications of and operates physical security systems IAW DoD and SCI requirements.

23. Drafter

- a. 5 Years experience as a technical drafter.
- b. One of the five years experience shall have included the use of Computer Aided Design/Computer Aided

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Manufacturing (CAD/CAM) systems.

24. Technical Illustrator

- a. A Bachelor's or Associate Degree in graphic arts or related field, and
- b. 3 Years experience as a technical illustrator or graphic artist, and
- c. Demonstrated specific experience in the production, layout, illustration and graphic art representation of electrical and mechanical systems and associated support instrumentation as contained in printed matter such as technical information documentation and articles for professional or trade journals.

25. Technical Editor/Typist

- a. 5 years experience technical documentation preparation, emphasizing report preparation in the areas of acoustics, ship silencing and other technical engineering documentation. A minimum of 2 years of which demonstrate experience in technical report editing, or an associate degree in science or arts and 1 year experience in technical report editing.
- b. Ability in the areas of typing and word processing.

26. Boat Driver

Must hold a Master license and 5 years experience operating 25 ton small craft in ocean environments.

27. Janitor

A minimum of 1 year experience cleaning industrial facilities or hotel/motel establishments.

28. Cook

- a. A minimum of 5 years experience preparing food for a group of 30 or more people.
- b. Must be certified as a food handler.

29. Cook Helper

Must be certified as a food handler.

30.

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SECTION D PACKAGING AND MARKING

Packing and Marking shall be in accordance with Section D of the base contract.

COR: Alicia Kostkowski
Code 7072
Naval Surface Warfare Center
Carderock Division
9500 MacArthur Blvd
West Bethesda, MD 20817-5700
E-mail: Alicia.kostkowski@navy.mil
Ph: 301-227-3274

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SECTION E INSPECTION AND ACCEPTANCE

The inspection and acceptance shall be performed by the Government at destination by the designated Government Point of Contact.

COR: Alicia Kostkowski
Code 7072
Naval Surface Warfare Center
Carderock Division
9500 MacArthur Blvd
West Bethesda, MD 20817-5700
E-mail: Alicia.kostkowski@navy.mil
Ph: 301-227-3274

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SECTION F DELIVERABLES OR PERFORMANCE

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

4000	11/30/2010 - 5/31/2015
4001	12/1/2011 - 5/31/2015
4002	12/1/2012 - 5/31/2015
4003	12/1/2013 - 5/31/2015
6000	12/1/2010 - 5/31/2015
7000	6/1/2015 - 11/30/2015
7001	12/1/2015 - 11/30/2016
7002	11/30/2016 - 4/30/2017
9000	6/1/2015 - 11/30/2015
9001	12/1/2015 - 11/30/2016
9002	11/30/2016 - 4/30/2017

CLIN - DELIVERIES OR PERFORMANCE

52.211-8 TIME OF DELIVERY (JUN 1997)

(a) The Government requires delivery to be made according to the following schedule:

ITEM NO. QUANTITY WITHIN DAYS AFTER DATE OF TASK ORDER

4000	All One (1) year
4000	All One (1) year after exercise of option
4000	All One (1) year after exercise of option
4000	All One (1) year after exercise of option
6000	All Five (5) years and Six (6) months
7000	All Six (6) months
9000	All Six (6) months
7001	All One (1) year
9001	All One (1) year

If all options are exercised, the total period of performance shall be from the effective date of the task order through six (6) years thereafter.

(End of clause)

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SECTION G CONTRACT ADMINISTRATION DATA

COR: Alicia Kostkowski
Code 7072
Naval Surface Warfare Center
Carderock Division
9500 MacArthur Blvd
West Bethesda, MD 20817-5700
E-mail: Alicia.kostkowski@navy.mil
Ph: 301-227-3274

Ddl-G-21 TYPES OF ORDER UNDER INDEFINITE DELIVERY TYPE CONTRACTS

This Task Order shall be issued on a Cost-Plus-Fixed-Fee (Term) basis.

CAR-G11 INVOICE INSTRUCTIONS (DEC 2007) (NSWCCD)

(a) In accordance with the clause of this contract entitled "ELECTRONIC SUBMISSION OF PAYMENT REQUESTS" (DFARS 252.232-7003), the Naval Surface Warfare Center, Carderock Division (NSWCCD) will utilize the DoD Wide Area Workflow Receipt and Acceptance (WAWF) system to accept supplies/services delivered under this contract. This web-based system located at <https://wawf.eb.mil> provides the technology for government contractors and authorized Department of Defense (DoD) personnel to generate, capture and process receipt and payment-related documentation in a paperless environment. Invoices for supplies/services rendered under this contract shall be submitted electronically through WAWF. Submission of hard copy DD250/invoices may no longer be accepted for payment.

(b) It is recommended that the person in your company designated as the Central Contractor Registration (CCR) Electronic Business (EB) Point of Contact and anyone responsible for the submission of invoices, use the online training system for WAWF at <http://wawftraining.com>. The Vendor, Group Administrator (GAM), and sections marked with an asterisk in the training system should be reviewed. Vendor Quick Reference Guides also are available at <http://acquisition.navy.mil/navyaos/content/view/full/3521/>. The most useful guides are "Getting Started for Vendors" and "WAWF Vendor Guide".

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

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

Type of Document (*contracting officer check all that apply*)

<input type="checkbox"/>	Invoice (FFP Supply & Service)
<input type="checkbox"/>	Invoice and Receiving Report Combo (FFP Supply)
<input type="checkbox"/>	Invoice as 2-in-1 (FFP Service Only)
<input checked="" type="checkbox"/>	Cost Voucher (Cost Reimbursable, T&M , LH, or FPI)
<input type="checkbox"/>	Receiving Report (FFP, DD250 Only)

DODAAC Codes and Inspection and Acceptance Locations (*contracting officer complete appropriate information*)

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as applicable)

Issue DODAAC	<u>N00167</u>
Admin DODAAC	<u>S0514A</u>
Pay Office DODAAC	<u>HQ0339</u>
Inspector DODAAC	<u>NA</u>
Service Acceptor DODAAC	<u>NA</u>
Service Approver DODAAC	<u>N00167</u>
Ship To DODAAC	<u>See Section F</u>
DCAA Auditor DODAAC	<u>HAA245</u>
LPO DODAAC	<u>NA</u>
Inspection Location	<u>See Section E</u>
Acceptance Location	<u>See Section E</u>

Attachments created in any Microsoft Office product may be attached to the WAWF invoice, e.g., backup documentation, timesheets, etc. Maximum limit for size of each file is 2 megabytes. Maximum limit for size of files per invoice is 5 megabytes.

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

Send Additional Email Notification To:





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

(g) The WAWF system has not yet been implemented on some Navy programs; therefore, upon written concurrence from the cognizant Procuring Contracting Officer, the Contractor is authorized to use DFAS WinS for electronic end to end invoicing until the functionality of WinS has been incorporated into WAWF.

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(h) If you have any questions regarding WAWF, please contact the WAWF helpdesk at the above 1-866 number or the NSWCCD WAWF point of contact at (301) 227-5419.

(End of Clause)

SEA 5252.216-9122 LEVEL OF EFFORT (DEC 2000)

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

(b) Of the total man-hours of direct labor set forth above, it is estimated that 0 man-hours are uncompensated effort.

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

(c) Effort performed in fulfilling the total level of effort obligations specified above shall only include effort performed in 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 (except as provided in paragraph (j) below), or other time and effort which does not have a specific and direct contribution to the tasks described in Sections B and C.

(d) The level of effort for this contract shall be expended at an average rate of approximately 860 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:

$$\text{Fee Reduction} = \text{Fee} \times ((\text{Required LOE} \text{ minus } \text{Expended LOE}) \text{ divided by } \text{Required LOE})$$

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

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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 underrun; (5) the amount by which the estimated cost of this contract may be reduced to recover excess funds and, in the case of an underrun 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) 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.

(End of Clause)

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:

<u>ESTIMATED ITEMS</u>	<u>ALLOTED TO COST</u>	<u>ALLOTED TO FEE</u>	<u>PERIOD OF PERFORMANCE</u>
4000	██████████	██████████	Through 5/31/2015
4001	██████████	██████	Through 5/31/2015
4002	██████████	██████████	Through 5/31/2015
4003	██████████	██████████	Through 5/31/2015
6000	██████████	N/A	Through 5/31/2015
7000	██████████	██████████	Through 11/30/2015
7001	██████████	██████████	Through 11/30/2016
7002	██████████	██████████	Through 4/30/2017
9000	██████████	N/A	Through 11/30/2015
9001	██████████	N/A	Through 11/30/2016
9002	██████████	N/A	Through 4/30/2017

(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

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expected to cover.

(c) CLINs 4000, 4001, 4002, 4003, 6000, 7000, 7001, 7002, 9000, 9001, and 9002 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 from the costs of performance of fully funded CLINs/SLINs.

(End of Clause)

Accounting Data

SLINID	PR Number	Amount
400001	03136481	200000.00
LLA :		
AA 97X4930	NH1C 000 77777 0 000167 2F 000000	992700020120
400002	03228492	90000.00
LLA :		
AB 97X4930	NH1C 000 77777 0 000167 2F 000000	101710057006
600001	03228492	20000.00
LLA :		
AB 97X4930	NH1C 000 77777 0 000167 2F 000000	101710057006
BASE Funding 310000.00		
Cumulative Funding 310000.00		
MOD 01		
400003	03351371	4637.50
LLA :		
AC 97X4930	NH1C 000 77777 0 000167 2F 000000	101710031101
400004	03351381	105000.00
LLA :		
AD 97X4930	NH1C 000 77777 0 000167 2F 000000	101710030064
400005	03435001	34510.00
LLA :		
AE 97X4930	NH1C 000 77777 0 000167 2F 000000	101710059701
400006	03435003	14790.00
LLA :		
AF 97X4930	NH1C 000 77777 0 000167 2F 000000	101710059702
600002	03351371	20000.00
LLA :		
AC 97X4930	NH1C 000 77777 0 000167 2F 000000	101710031101
600003	03351381	105000.00
LLA :		
AD 97X4930	NH1C 000 77777 0 000167 2F 000000	101710030064
600004	03434996	69020.00
LLA :		
AG 97X4930	NH1C 000 77777 0 000167 2F 000000	111707271313
600005	03445388	4928.00
LLA :		
AH 97X4930	NH1C 000 77777 0 000167 2F 000000	111707271333
600006	03445389	24650.00
LLA :		
AJ 97X4930	NH1C 000 77777 0 000167 2F 000000	101710059601

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MOD 01 Funding 382535.50
Cumulative Funding 692535.50

MOD 02

400007 10318176 147130.00
LLA :
AL 97X4930 NH1C 000 77777 0 000167 2F 000000 111707281613

400008 10287591 98600.00
LLA :
AM 97X4930 NH1C 000 77777 0 000167 2F 000000 111710038401

600007 10133924 38800.00
LLA :
AK 97X4930 NH1C 000 77777 0 000167 2F 000000 111710037042

600008 10318176 55000.00
LLA :
AL 97X4930 NH1C 000 77777 0 000167 2F 000000 111707281613

600009 10287591 20000.00
LLA :
AM 97X4930 NH1C 000 77777 0 000167 2F 000000 111710038401

MOD 02 Funding 359530.00
Cumulative Funding 1052065.50

MOD 03

400009 10411468 197200.00
LLA :
AN 97X4930 NH1C 000 77777 0 000167 2F 000000 111710030080

600010 10411473 98600.00
LLA :
AP 97X4930 NH1C 000 77777 0 000167 2F 000000 111710030070

MOD 03 Funding 295800.00
Cumulative Funding 1347865.50

MOD 04

400010 10764114 28000.00
LLA :
AQ 97X4930 NH1C 000 77777 0 000167 2F 000000 995490070131

400011 10959414 250000.00
LLA :
AR 97X4930 NH1C 000 77777 0 000167 2F 000000 111710030450

400012 10959413 300000.00
LLA :
AN 97X4930 NH1C 000 77777 0 000167 2F 000000 111710030080

600011 10764114 204000.00
LLA :
AQ 97X4930 NH1C 000 77777 0 000167 2F 000000 995490070131

600012 10959409 126720.00
LLA :
AP 97X4930 NH1C 000 77777 0 000167 2F 000000 111710030070

600013 10959416 100000.00
LLA :
AS 97X4930 NH1C 000 77777 0 000167 2F 000000 111710030451

MOD 04 Funding 1008720.00

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Cumulative Funding 2356585.50

MOD 05

400013 11197949 130000.00
 LLA :
 AT 97X4930 NH1C 000 77777 0 000167 2F 000000 111710038204

600014 11197949 17900.00
 LLA :
 AT 97X4930 NH1C 000 77777 0 000167 2F 000000 111710038204

MOD 05 Funding 147900.00
 Cumulative Funding 2504485.50

MOD 06

400014 11725287 1050000.00
 LLA :
 AN 97X4930 NH1C 000 77777 0 000167 2F 000000 111710030080

400015 11756601 21000.00
 LLA :
 AU 97X4930 NH1C 000 77777 0 000167 2F 000000 111710037601

400016 11756608 10000.00
 LLA :
 AV 97X4930 NH1C 000 77777 0 000167 2F 000000 111710037612

400017 11756611 6468.00
 LLA :
 AW 97X4930 NH1C 000 77777 0 000167 2F 000000 111710057005

600015 11725279 302000.00
 LLA :
 AP 97X4930 NH1C 000 77777 0 000167 2F 000000 111710030070

MOD 06 Funding 1389468.00
 Cumulative Funding 3893953.50

MOD 07

400018 11870229 8000.00
 LLA :
 AX 97X4930 NH1C 000 77777 0 000167 2F 000000 111701201420

400019 12067921 140000.00
 LLA :
 AY 1711804 8B2B 252 V7200 0 050120 2D 000000 A00000817323
 Standard Number: N0002411RX02634/AA PR#1400205850

400020 12067927 560000.00
 LLA :
 AY 1711804 8B2B 252 V7200 0 050120 2D 000000 A00000817323
 Standard Number: N0002411RX02634/AA PR#1400205850

400021 12088916 25000.00
 LLA :
 AY 1711804 8B2B 252 V7200 0 050120 2D 000000 A00000817323
 Standard Number: N0002411RX02634 PR#1400205850

400022 12088925 600000.00
 LLA :
 AZ 1711804 8B2B 252 V7200 0 050120 2D 000000 A00000814462
 Standard Number: N0002411RX02608 PR#1400205458

400023 12088934 1040000.00
 LLA :
 AZ 1711804 8B2B 252 V7200 0 050120 2D 000000 A00000814462
 Standard Number: N0002411RX02608 PR#1400205458

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400024 12088919 25000.00
 LLA :
 BA 97X4930 NH1C 000 77777 0 000167 2F 000000 111710037701

600016 11870229 4000.00
 LLA :
 AX 97X4930 NH1C 000 77777 0 000167 2F 000000 111701201420

600017 12067921 40000.00
 LLA :
 AY 1711804 8B2B 252 V7200 0 050120 2D 000000 A00000817323
 Standard Number: N0002411RX02634 PR#1400205850

600018 12067927 100000.00
 LLA :
 AY 1711804 8B2B 252 V7200 0 050120 2D 000000 A00000817323
 Standard Number: N0002411RX02634 PR#1400205850

600019 12088916 200000.00
 LLA :
 AY 1711804 8B2B 252 V7200 0 050120 2D 000000 A00000817323
 Standard Number: N0002411RX02634 PR#1400205850

600020 12088925 810000.00
 LLA :
 AZ 1711804 8B2B 252 V7200 0 050120 2D 000000 A00000814462
 Standard Number: N0002411RX02608 PR#1400205458

600021 12088934 1550000.00
 LLA :
 AZ 1711804 8B2B 252 V7200 0 050120 2D 000000 A00000814462
 Standard Number: N0002411RX02608 PR#1400205458

600022 11870218 30400.00
 LLA :
 BB 97X4930 NH1C 000 77777 0 000167 2F 000000 111710030455

600023 11870226 58400.00
 LLA :
 BC 97X4930 NH1C 000 77777 0 000167 2F 000000 111710030454

600024 12026904 10000.00
 LLA :
 BD 97X4930 NH1C 000 77777 0 000167 2F 000000 111710013210

MOD 07 Funding 5200800.00
 Cumulative Funding 9094753.50

MOD 08

400025 12228358 100000.00
 LLA :
 AR 97X4930 NH1C 000 77777 0 000167 2F 000000 111710030450

400026 12228366 8000.00
 LLA :
 AX 97X4930 NH1C 000 77777 0 000167 2F 000000 111701201420

400027 12630809 210000.00
 LLA :
 BE 1711804 70BA 257 00070 R 045924 2D XK7680 0007017680KP
 Standard Number: N0007011RXK7680/AA

400028 12426798 120000.00
 LLA :
 AA 97X4930 NH1C 000 77777 0 000167 2F 000000 992700020120

400101 12713344 1000000.00
 LLA :
 BF 1711804 8B2B 252 V7200 0 050120 2D 000000 A00000890760

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Standard Number: N0002411RX03222/AA PR# 1400217392

600025 12228358 2000.00
 LLA :
 AR 97X4930 NH1C 000 77777 0 000167 2F 000000 111710030450

600026 12228366 4000.00
 LLA :
 AX 97X4930 NH1C 000 77777 0 000167 2F 000000 111701201420

600027 12630809 3400000.00
 LLA :
 BE 1711804 70BA 257 00070 R 045924 2D XK7680 0007017680KP
 Standard Number: N0007011RXK7680/AA

600028 12270092 210000.00
 LLA :
 AY 1711804 8B2B 252 V7200 0 050120 2D 000000 A00000817323
 Standard Number: N0002411RX02634/AA PR#1400205850

600029 12713344 300000.00
 LLA :
 BF 1711804 8B2B 252 V7200 0 050120 2D 000000 A00000890760
 Standard Number: N0002411RX03222/AAPR#1400217392

MOD 08 Funding 5354000.00
 Cumulative Funding 14448753.50

MOD 09

400102 1300249175 95000.00
 LLA :
 BG 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001051960

MOD 09 Funding 95000.00
 Cumulative Funding 14543753.50

MOD 10

400103 1300277194 2354000.00
 LLA :
 BH 1721804 8B2B 251 V7200 0 050120 2D 000000 A00001244254

400104 1300282769 5000.00
 LLA :
 BJ 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001279188

400105 1300282766 40000.00
 LLA :
 BK 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001279030

400106 1300277191 980000.00
 LLA :
 BL 1721804 8B2B 251 V7200 0 050120 2D 000000 A00001244050

600030 1300277194 1042749.00
 LLA :
 BH 1721804 8B2B 251 V7200 0 050120 2D 000000 A00001244254

600031 1300282769 5000.00
 LLA :
 BJ 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001279188

600032 1300277191 747110.00
 LLA :
 BL 1721804 8B2B 251 V7200 0 050120 2D 000000 A00001244050

MOD 10 Funding 5173859.00
 Cumulative Funding 19717612.50

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MOD 11

400107 1300288347 700000.00
 LLA :
 BM 1721804 8B2B 252 V7200 0 050120 2D 000000 A00001306859

600033 1300288347 1500000.00
 LLA :
 BM 1721804 8B2B 252 V7200 0 050120 2D 000000 A00001306859

MOD 11 Funding 2200000.00
 Cumulative Funding 21917612.50

MOD 12

400108 1300290390 200000.00
 LLA :
 BN 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001315933

400109 1300290444 330000.00
 LLA :
 BP 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001316002

600034 1300290390 100000.00
 LLA :
 BN 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001315933

MOD 12 Funding 630000.00
 Cumulative Funding 22547612.50

MOD 13

400201 1300318427 21000.00
 LLA :
 BQ 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001512660

MOD 13 Funding 21000.00
 Cumulative Funding 22568612.50

MOD 14

400202 1300354815 40000.00
 LLA :
 BR 1731804 70CC 253 57046 C 068688 2D XC1005 57092337R21Q
 Standard Number: R5709213WXC1005/AA

400203 1300358109 13500.00
 LLA :
 BS 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001781596

400204 1300355717 1480000.00
 LLA :
 BT 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001764893

600035 1300354815 58000.00
 LLA :
 BR 1731804 70CC 253 57046 C 068688 2D XC1005 57092337R21Q
 Standard Number: R5709213WXC1005/AA

600036 1300358109 6500.00
 LLA :
 BS 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001781596

MOD 14 Funding 1598000.00
 Cumulative Funding 24166612.50

MOD 15

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400205 1300367744 25000.00
 LLA :
 BU 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001835619

400206 1300369710 10000.00
 LLA :
 BV 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001846109

400207 1300369768 500000.00
 LLA :
 BW 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001846058

400208 1300377532 300000.00
 LLA :
 BX 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001900634

400209 1300377448 400000.00
 LLA :
 BZ 1731804 8B2B 251 V7200 0 050120 2D 000000 A00001901639

400210 1300378667 19000.00
 LLA :
 BY 1731319 W4NV 255 RA329 0 068342 2D 000000 0209400053P0
 Standard Number: N0001413RX20219/AA

600037 1300367744 50000.00
 LLA :
 BU 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001835619

600038 1300369710 160000.00
 LLA :
 BV 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001846109

600039 1300369768 520000.00
 LLA :
 BW 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001846058

600040 1300377532 120000.00
 LLA :
 BX 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001900634

600041 1300377448 280000.00
 LLA :
 CA 1731804 8B2B 252 V7200 0 050120 2D 000000 A00001901639

MOD 15 Funding 2384000.00
 Cumulative Funding 26550612.50

MOD 16

400301 1300388597 23100.00
 LLA :
 CB 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002013266

600042 1300388597 9900.00
 LLA :
 CB 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002013266

MOD 16 Funding 33000.00
 Cumulative Funding 26583612.50

MOD 17

400302 130039366700001 24300.00
 LLA :
 CC 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002052221

600043 130039366700001 39700.00
 LLA :

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CC 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002052221

600044 130039366800001 61000.00

LLA :

CD 97X4930 NH1C 252 77777 0 050120 2F 000000 A00002052227

600045 130039388300001 23000.00

LLA :

CE 97X4930 NH1C 252 77777 0 050120 2F 000000 A00002052340

600046 130039388700001 30000.00

LLA :

CF 97X4930 NH1C 252 77777 0 050120 2F 000000 A00002052550

600047 130039388900001 76000.00

LLA :

CG 97X4930 NH1C 252 77777 0 050120 2F 000000 A00002052677

MOD 17 Funding 254000.00

Cumulative Funding 26837612.50

MOD 18

400303 130039844100001 30000.00

LLA :

CH 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002083705

400304 130040098600001 1260000.00

LLA :

CJ 1741804 8B2B 251 V7200 0 050120 2D 000000 A00002103605

400305 130039845100001 45000.00

LLA :

CK 1741810 H1RC 251 SB450 0 050120 2D 000000 A00002083636

400306 130039892000001 400000.00

LLA :

CL 1741804 8B2B 251 V7200 0 050120 2D 000000 A00002088428

600048 130039844100001 5000.00

LLA :

CH 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002083705

600049 130040098600002 1200000.00

LLA :

CJ 1741804 8B2B 251 V7200 0 050120 2D 000000 A00002103605

600050 130039845100002 5000.00

LLA :

CK 1741810 H1RC 251 SB450 0 050120 2D 000000 A00002083636

600051 130039892000002 140000.00

LLA :

CL 1741804 8B2B 251 V7200 0 050120 2D 000000 A00002088428

MOD 18 Funding 3085000.00

Cumulative Funding 29922612.50

MOD 19

400307 130041355900001 10000.00

LLA :

CM 1741804 70CC 253 57046 C 068688 2D XC1W01 57092437R21Q
Standard Number: R5709214WXC1W01/AA

600052 130041355900001 90000.00

LLA :

CM 1741804 70CC 253 57046 C 068688 2D XC1W01 57092437R21Q
Standard Number: R5709214WXC1W01/AA

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MOD 19 Funding 100000.00
Cumulative Funding 30022612.50

MOD 20 Funding 0.00
Cumulative Funding 30022612.50

MOD 21

400308 130043170600001 114000.00
LLA :
CN 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002334234

400309 130043144800001 70000.00
LLA :
CP 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002332043

400310 130043144600001 66000.00
LLA :
CQ 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002331937

400311 130043967200001 500000.00
LLA :
CR 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002393425

400312 130044244700001 200000.00
LLA :
CS 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002411798

600053 130043967200001 100000.00
LLA :
CR 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002393425

MOD 21 Funding 1050000.00
Cumulative Funding 31072612.50

MOD 22

400313 130043690700001 52000.00
LLA :
CT 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002373824

400314 130043679400001 114000.00
LLA :
CU 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002371087

MOD 22 Funding 166000.00
Cumulative Funding 31238612.50

MOD 23

400315 130043822100001 255000.00
LLA :
CV 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002384493

400316 130043810000001 20000.00
LLA :
CW 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002384492

400317 130044173500001 1000000.00
LLA :
CX 1741804 70BA 257 00070 R 045924 2D XK9639 0007049639KP
Standard Number: N0007014WXK9639/AA

400318 130045272100001 635000.00
LLA :
CY 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002486949

400319 130044477900001 100000.00
LLA :

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CZ 1741804 70BA 257 00070 R 045924 2D CK9891 0007049891KP
Standard Number: N0007014RCK9891/AA

600054 130045272100001 315000.00
LLA :
CY 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002486949

600055 130044477900001 1800000.00
LLA :
CZ 1741804 70BA 257 00070 R 045924 2D CK9891 0007049891KP
Standard Number: N0007014RCK9891/AA

MOD 23 Funding 4125000.00
Cumulative Funding 35363612.50

MOD 24 Funding 0.00
Cumulative Funding 35363612.50

MOD 25

400320 130047461500001 5000.00
LLA :
DA 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002698326

600056 130047461500001 118600.00
LLA :
DA 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002698326

600057 130047751200001 145000.00
LLA :
DB 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002720330

MOD 25 Funding 268600.00
Cumulative Funding 35632212.50

MOD 26

600058 130047953200001 450000.00
LLA :
DC 1751804 8B2B 251 V7200 0 050120 2D 000000 A00002735626

MOD 26 Funding 450000.00
Cumulative Funding 36082212.50

MOD 27

700001 130049357400001 50000.00
LLA :
DD 1751319 F4TD 000 41756 0 068941 2D 000000 320027659000
Standard Number: N4175615WX50320/AA

700002 130049451000001 25000.00
LLA :
DE 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002846377

700003 130049724000001 5000.00
LLA :
DF 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002865823

700004 130049586900001 45000.00
LLA :
DG 1751804 70CC 253 57046 C 068688 2D XC1002 57092537R21Q
Standard Number: R5709215WXC1002/AA

700005 130049586700001 450000.00
LLA :
DH 1751804 8B2B 251 V7200 0 050120 2D 000000 A00002855510

900001 130049357400001 25000.00

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LLA :
DD 1751319 F4TD 000 41756 0 068941 2D 000000 320027659000
Standard Number: N4175615WX50320/AA

900002 130049451000001 150000.00

LLA :
DE 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002846377

900003 130049724000001 30000.00

LLA :
DF 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002865823

900004 130049586900001 80000.00

LLA :
DG 1751804 70CC 253 57046 C 068688 2D XC1002 57092537R21Q
Standard Number: R5709215WXC1002/AA

900005 130049586700002 410000.00

LLA :
DH 1751804 8B2B 251 V7200 0 050120 2D 000000 A00002855510

MOD 27 Funding 1270000.00
Cumulative Funding 37352212.50

MOD 28

700006 130050889500001 100000.00

LLA :
DJ 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002944348

700007 130050937000001 200000.00

LLA :
DD 1751319 F4TD 000 41756 0 068941 2D 000000 320027659000

700008 130050851000001 31000.00

LLA :
DL 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002942443

900006 130050937000001 417000.00

LLA :
DD 1751319 F4TD 000 41756 0 068941 2D 000000 320027659000

MOD 28 Funding 748000.00
Cumulative Funding 38100212.50

MOD 29

700009 130050902500001 133000.00

LLA :
DM 1751810 81PB 251 V7200 0 050120 2D 000000 A00002945439

700010 130051737800001 5000.00

LLA :
DD 1751319 F4TD 000 41756 0 068941 2D 000000 320027659000

700011 130051827800001 423750.00

LLA :
DN 1751804 60BA 252 39040 068732 2D C50168 390405042DDQ
Standard Number: N3904015RC50168/AA

900007 130050902500002 142000.00

LLA :
DM 1751810 81PB 251 V7200 0 050120 2D 000000 A00002945439

900008 130051737800001 41000.00

LLA :
DD 1751319 F4TD 000 41756 0 068941 2D 000000 320027659000

900009 130051827800001 141250.00

LLA :

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DN 1751804 60BA 252 39040 068732 2D C50168 390405042DDQ
Standard Number: N3904015RC50168/AA

900010 130051737900001 203000.00
LLA :
DP 1751319 F4TD 000 41756 0 068941 2D 000000 320029400000
Standard Number: N4175615WX50450/AA

MOD 29 Funding 1089000.00
Cumulative Funding 39189212.50

MOD 30

700012 130052228200001 54580.00
LLA :
DQ 1751804 8M4K 251 V7TR0 0 050120 2D 000000 A00003031469

700013 130052269200001 272727.00
LLA :
DR 1751804 8B2B 251 V7200 0 050120 2D 000000 A00003034006

900011 130052228200002 5450.00
LLA :
DQ 1751804 8M4K 251 V7TR0 0 050120 2D 000000 A00003031469

900012 130052269200002 27000.00
LLA :
DR 1751804 8B2B 251 V7200 0 050120 2D 000000 A00003034006

MOD 30 Funding 359757.00
Cumulative Funding 39548969.50

MOD 31

700014 130052867000001 66436.00
LLA :
DS 97X4930 NH1C 251 77777 0 050120 2F 000000 A00003085388

700015 130052893100001 86436.00
LLA :
DT 97X4930 NH1C 251 77777 0 050120 2F 000000 A00003085532

MOD 31 Funding 152872.00
Cumulative Funding 39701841.50

MOD 32

700007 130050937000001 (200000.00)
LLA :
DD 1751319 F4TD 000 41756 0 068941 2D 000000 320027659000

700010 130051737800001 (5000.00)
LLA :
DD 1751319 F4TD 000 41756 0 068941 2D 000000 320027659000

700016 130050937000005 205000.00
LLA :
DU 1751319 F4TD 000 41756 0 068941 2D 000000 320029443000
Standard Number: N4175615WX50330/AB

900006 130050937000001 (417000.00)
LLA :
DD 1751319 F4TD 000 41756 0 068941 2D 000000 320027659000

900008 130051737800001 (41000.00)
LLA :
DD 1751319 F4TD 000 41756 0 068941 2D 000000 320027659000

900013 130050937000005 458000.00

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LLA :
DU 1751319 F4TD 000 41756 0 068941 2D 000000 320029443000
Standard Number: N4175615WX50330/AB

MOD 32 Funding 0.00
Cumulative Funding 39701841.50

MOD 33 Funding 0.00
Cumulative Funding 39701841.50

MOD 34

700101 130053667700001 179000.00
LLA :
DV 97X4930 NH1C 251 77777 0 050120 2F 000000 A00003167634

700102 130053696300001 410000.00
LLA :
DW 97X4930 NH1C 251 77777 0 050120 2F 000000 A00003169674

700103 130053685000001 50000.00
LLA :
DX 97X4930 NH1C 251 77777 0 050120 2F 000000 A00003169327

700104 130053709900001 175000.00
LLA :
DY 1761804 8B2B 251 V7200 0 050120 2D 000000 A00003172049

900101 130053667700001 206000.00
LLA :
DV 97X4930 NH1C 251 77777 0 050120 2F 000000 A00003167634

900102 130053696300001 240000.00
LLA :
DW 97X4930 NH1C 251 77777 0 050120 2F 000000 A00003169674

MOD 34 Funding 1260000.00
Cumulative Funding 40961841.50

MOD 35

700105 130054152100001 7000.00
LLA :
DZ 1761804 70CC 253 57046 C 068688 2D CC1W01 57092637R21Q
Standard Number: R5709216RCC1W01/AA

900103 130054152100001 28000.00
LLA :
DZ 1761804 70CC 253 57046 C 068688 2D CC1W01 57092637R21Q
Standard Number: R5709216RCC1W01/AA

MOD 35 Funding 35000.00
Cumulative Funding 40996841.50

MOD 36

700106 130054769600005 1250000.00
LLA :
EA 1761804 8B2B 251 V7200 0 050120 2D 000000 A20003259303

700107 130053726500001 65000.00
LLA :
EB 1761319 C4NV 251 24VCS 0 050120 2D 000000 A00003172544

700108 130055062600001 75000.00
LLA :
EC 97X4930 NH1C 255 77777 0 050120 2F 000000 A00003282397

900104 130054769600006 750000.00

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LLA :
EA 1761804 8B2B 251 V7200 0 050120 2D 000000 A20003259303

900105 130053726500002 13000.00
LLA :
EB 1761319 C4NV 251 24VCS 0 050120 2D 000000 A00003172544

MOD 36 Funding 2153000.00
Cumulative Funding 43149841.50

MOD 37

700109 130055699600001 54000.00
LLA :
ED 1761804 8B2B 251 V7200 0 050120 2D 000000 A00003331245

900106 130055699600002 6000.00
LLA :
ED 1761804 8B2B 251 V7200 0 050120 2D 000000 A00003331245

MOD 37 Funding 60000.00
Cumulative Funding 43209841.50

MOD 38

700106 130054769600007 1265000.00
LLA :
EA 1761804 8B2B 251 V7200 0 050120 2D 000000 A20003259303
2410(a) authority is hereby invoked.

900104 130054769600008 665000.00
LLA :
EA 1761804 8B2B 251 V7200 0 050120 2D 000000 A20003259303
2410(a) authority is hereby invoked.

MOD 38 Funding 1930000.00
Cumulative Funding 45139841.50

MOD 39 Funding 0.00
Cumulative Funding 45139841.50

MOD 40

400109 130029044400001 (20000.00)
LLA :
BP 97X4930 NH1C 251 77777 0 050120 2F 000000 A00001316002

400313 130043690700001 (36000.00)
LLA :
CT 97X4930 NH1C 251 77777 0 050120 2F 000000 A00002373824

400319 130044477900001 (4000.00)
LLA :
CZ 1741804 70BA 257 00070 R 045924 2D CK9891 0007049891KP
Standard Number: N0007014RCK9891/AA

600058 130047953200001 (20000.00)
LLA :
DC 1751804 8B2B 251 V7200 0 050120 2D 000000 A00002735626

700015 130052893100001 (6000.00)
LLA :
DT 97X4930 NH1C 251 77777 0 050120 2F 000000 A00003085532

900013 130050937000005 (38000.00)
LLA :
DU 1751319 F4TD 000 41756 0 068941 2D 000000 320029443000
Standard Number: N4175615WX50330/AB

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MOD 40 Funding -124000.00
Cumulative Funding 45015841.50

MOD 41

700201 130060776000001 1000000.00

LLA :
EE 1771804 8B2B 251 V7200 0 050120 2D 000000 A10003709614

900201 130060776000002 500000.00

LLA :
EE 1771804 8B2B 251 V7200 0 050120 2D 000000 A10003709614

MOD 41 Funding 1500000.00
Cumulative Funding 46515841.50

MOD 42

700202 130061286400001 231648.50

LLA :
EF 97X4930 NH1C 251 77777 0 050120 2F 000000 A00003747664

900202 130061286400002 133499.00

LLA :
EF 97X4930 NH1C 251 77777 0 050120 2F 000000 A00003747664

MOD 42 Funding 365147.50
Cumulative Funding 46880989.00

MOD 43 Funding 0.00
Cumulative Funding 46880989.00

MOD 44 Funding 0.00
Cumulative Funding 46880989.00

MOD 45

700202 130061286400001 (66800.00)

LLA :
EF 97X4930 NH1C 251 77777 0 050120 2F 000000 A00003747664

MOD 45 Funding -66800.00
Cumulative Funding 46814189.00

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SECTION H SPECIAL CONTRACT REQUIREMENTS

CAR-H09 Performance-Based Acquisition Evaluation Procedures for a SeaPort e Task Order (MAR 2006)
(NSWCCD)

(a) Introduction: The contractor's performance on this task order will be evaluated by the Government, in accordance with this task order clause. The first evaluation will cover the period ending twelve months after the date of task order award with successive evaluations being performed for each twelve-month period thereafter until the contractor completes performance under the task order. Based on the evaluation results, the PCO will assign an overall performance rating in accordance with paragraph (b) of this clause. The purpose of the evaluation is to determine remedies that may be invoked due to "Unsatisfactory" performance. If the PCO assigns an "Unsatisfactory" performance rating for the period evaluated, the PCO may take unilateral action, in accordance with clause 52.246-5 entitled "Inspection of Services-Cost Reimbursement", dated Apr 1984, in Section E of the base contract, to provide for a fee reduction covering the performance period evaluated. This clause provides the basis for evaluation of the contractor's performance and for determining if the fee amount should be reduced due to "Unsatisfactory" performance.

(b) Performance Ratings: The Government will evaluate the contractor's performance of the Statement of Work under the task order for each twelve month period of performance, using the measurable performance standards set forth in the Performance Requirements Summary Table in the SOW, or elsewhere in the task order, and the PCO will assign one of the following ratings:

- (1) Excellent
- (2) Very Good
- (3) Satisfactory
- (4) Unsatisfactory

The standards associated with these ratings are given in the following Table 1.

Table 1: Overall Performance Ratings

For The Evaluation Period

Overall Performance Rating	Standard
Excellent	"Excellent" ratings for all performance evaluation criteria.
Very Good	A combination of "Excellent" and "Satisfactory" ratings determined by the PCO to exceed Satisfactory" overall.
Satisfactory	A minimum of "Satisfactory" ratings for all performance evaluation criteria.
Unsatisfactory	A rating of "Unsatisfactory" for one or more performance evaluation criteria.

(c) Evaluation Objective: The purpose of the evaluation and the inclusion of a remedy to the Government for unsatisfactory contractor performance under this task order is to ensure that the Government receives at least "Satisfactory" overall performance.

(d) Performance Evaluation Criteria: The contractor's performance will be evaluated on an annual basis using the criteria and standards provided for each task objective in the Performance Requirements Summary Table, and considering the criterion in Tables 2 through 4 of this task order clause.

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(e) Organization: The performance evaluation organization consists of the Procuring Contracting Officer (PCO), who will serve as the Evaluation Official, and the Task Order Manager (ToM).

(1) ToM: The ToM will provide ongoing performance monitoring, evaluate task performance based on the task order Performance Requirements Summary, prepare the evaluation report, including a recommended overall performance rating, and submit the report to the PCO for final decision within thirty days after the end of the evaluation period. The ToM will maintain the written records of the contractor's performance so that a fair and accurate evaluation is made.

(2) Procuring Contracting Officer (PCO): The PCO is responsible for properly administering the performance evaluation process, maintaining the official performance evaluation file, and making the decision about the overall performance rating and whether to reduce the fee if performance is rated as unsatisfactory.

(f) Evaluation Schedule: Each performance evaluation will cover the previous twelve months of performance. The Government will evaluate all work under the task order performed by the contractor during the twelve-month period. Following each evaluation period, the PCO (or Contract Specialist if so designated by the PCO) and the ToM will hold a meeting with the contractor's Senior Technical Representative to review performance under the task order during the previous twelve months, including overall trends, specific problem areas, if any, and their resolution. Other Government and contractor personnel may also participate as deemed appropriate.

(g) Contractor's Self-Evaluation: The contractor may also submit a Self-Evaluation Report for consideration. The report must include an overall performance rating for the task order, covering the evaluation period, and may include whatever information the contractor deems relevant to support that rating. The report shall not exceed two (2) pages in length.

(h) Performance Evaluation: The PCO will make the decision on the overall performance rating for the work performed under the task order within thirty days after receipt of the evaluation report from the ToM. The decision will be based upon the ToM's recommendations, the contractor's comments, including any Self-Evaluation Report, and any other information deemed relevant by the PCO. The PCO shall resolve disagreements between the ToM's recommendations and the contractor's comments/report regarding the evaluation. The PCO will provide a copy of the evaluation report, including the overall rating, to the contractor within five working days after completion of the evaluation.

(i) Contractor's Review of the Evaluation Report: Contractors shall be given a minimum of 15 calendar days to submit comments, rebut statements, or provide additional information. The PCO shall consider the contractor's submission and respond as appropriate. Although the PCO will consider the contractor's comments, rebuttals, or additional information, the PCO may, or may not, change the overall rating. The decision to change the rating based on contractor input at this stage is solely at the discretion of the PCO.

(j) This performance evaluation does not replace any other requirement for evaluating contractor performance that may be required by the base contract, such as a Contractor Performance Assessment Reporting System (CPARS) report, or a Task Order Performance Evaluation (TOPE).

TABLE 2: TASK PERFORMANCE EVALUATION CRITERIA AND STANDARDS

Criterion	UNSATISFACTORY	SATISFACTORY	EXCELLENT
Task Performance	Work product fails to meet Acceptable Quality Levels (AQLs) defined in Performance Requirements Summary Table (see SOW or elsewhere in the Task Order).	Work product routinely meets Acceptable Quality Levels (AQLs) defined in Performance Requirements Summary Table(see SOW or elsewhere in the Task Order).	Work product frequently exceeds Acceptable Quality Levels (AQLs) defined in Performance Requirements Summary Table (see SOW or elsewhere in the Task Order).

Staffing	Contractor provides marginally qualified or unqualified personnel. Lapses in coverage occur regularly.	Contractor provides qualified personnel. Lapses in coverage may occasionally occur and are managed per individual task order policy.	Contractor provides highly qualified personnel. Contractor reassigns personnel to ensure proper coverage. Actual lapses in coverage occur very rarely, if ever, and are managed per individual task order policy. Contractor ensures staff training remains current.
Timeliness	Contractor frequently misses deadlines, schedules, or is slow to respond to government requests or is non-responsive to government requests.	Contractor routinely meets deadlines, schedules, and responds quickly to government requests.	Contractor always meets deadlines, schedules, and responds immediately to government requests.
Customer Satisfaction	Fails to meet customer expectations	Meets customer expectations.	Exceeds customer expectations.

TABLE 3: CONTRACT MANAGEMENT PERFORMANCE EVALUATION CRITERIA AND STANDARDS

CRITERION	UNSATISFACTORY	SATISFACTORY	EXCELLENT
Problem Resolution	Problems are unresolved, repetitive, or take excessive government effort to resolve.	Problems are resolved quickly with minimal government involvement.	Problems are non-existent or the contractor takes corrective action without government involvement.
Responsiveness	Contractor's management is unresponsive to government requests and concerns.	Contractor's management is responsive to government requests and concerns.	Contractor's management takes proactive approach in dealing with government representatives and anticipates Government concerns.
Communications	Contractor often fails to communicate with government in an	Contractor routinely communicates with government in an	Contractor takes a proactive approach such that

effective and timely manner.

effective and timely manner.

communications are almost always clear, effective, and timely.

TABLE 4: COST EFFICIENCY PERFORMANCE EVALUATION CRITERIA AND STANDARDS

CRITERION	UNSATISFACTORY	SATISFACTORY	EXCELLENT
CostManagement	Contractor routinely fails to complete the effort within the originally agreed to estimated cost, i.e. cost overruns frequently occur.	Contractor routinely completes the effort within the originally agreed to estimated cost. Contractor provides measures for controlling all costs at estimated costs. Funds and resources are generally used in a cost-effective manner. No major resource management problems are apparent.	Reductions in direct costs to the Government below contract estimated costs are noteworthy. Contractor provides detailed cost analysis and recommendations to Government for resolution of problems identified. Funds and resources are optimally used to provide the maximum benefit for the funds and resources available. Documented savings are apparent. Reports are clear, accurate, and
CostReporting	Reports are generally late, inaccurate incomplete or unclear.	Reports are timely, accurate, complete and clearly written. Problems and/or trends are addressed, and an analysis is also submitted.	pro-active. Problems and/or trends are addressed thoroughly, and the contractor's recommendations and/or corrective plans are implemented and effective.

See Section C for Performance Requirements Summary Chart.

CAR H11 – CONTRACTOR PERSONNEL SECURITY REQUIREMENTS (JUL 2009)

In accordance with SECNAV M-5510.30 Chapters 5 and 6, all Contractor personnel that require access to Department of Navy (DON) information systems and/or work on-site are designated Non-Critical Sensitive/IT-II positions, which require an open investigation or favorable adjudicated National Agency Check (NACLC) by the Industrial Security Clearance Office (DISCO). Investigations should be completed using the SF- 85 Form and the SF-87 finger print card. An interim clearance can be granted by the company Security Officer and recorded in the Joint Personnel Adjudication System (JPAS). An open investigation or favorable adjudication is required prior to issuance of a Common Access Card (CAC) card or a badge providing access to NSWCCD sites and buildings. If an

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unfavorable adjudication is determined by DISCO all access will terminated.

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SECTION I CONTRACT CLAUSES

252.204-7000 DISCLOSURE OF INFORMATION (DEC 1991)

(a) The Contractor shall not release to anyone outside the Contractor's organization any unclassified information, regardless of medium (e.g., film, tape, document), pertaining to any part of this contract or any program related to this contract, unless—

(1) The Contracting Officer has given prior written approval; or

(2) The information is otherwise in the public domain before the date of release.

(b) Requests for approval shall identify the specific information to be released, the medium to be used, and the purpose for the release. The Contractor shall submit its request to the Contracting Officer at least 45 days before the proposed date for release.

(c) The Contractor agrees to include a similar requirement in each subcontract under this contract. Subcontractors shall submit requests for authorization to release through the prime contractor to the Contracting Officer.

(End of clause)

52.217-9 -- Option to Extend the Term of the Contract (Mar 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor anytime prior to the expiration date of the task order; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 30 days before the contract expires. The preliminary notice does not commit the Government to an extension.

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

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 4 years.

(End of Clause)

52.222-2 PAYMENT FOR OVERTIME PREMIUMS (JUL 1990)

(a) The use of overtime is authorized under this contract if the overtime premium cost does not exceed \$0 or the overtime premium is paid for work --

(End of Clause)

52.222-41 Service Contract Act of 1965, As Amended

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

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

THIS STATEMENT IS FOR INFORMATION ONLY: IT IS NOT A WAGE DETERMINATION

Employee Class	Monetary Wage-Fringe Benefits
23183 - Electronics Technician Level 5	\$35.69
23182 - Electronics Technician Level 4	\$33.62

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23181 - Electronics Technician Level 3	\$28.23
23460 - Mechanical Specialist	\$27.68
30062 - Drafter	\$27.28
13043 - Technical Illustrator	\$30.90
30461 - Technical Typist/Editor	\$20.22
11150 - Janitor	\$14.15
07042 - Cook II	\$17.46
07041 - Cook I	\$15.17
- Captain (Boat Operator)	\$229.88/daily

(End of Clause)

252.222-7006 Restrictions on the Use of Mandatory Arbitration Agreements

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

“Covered subcontractor” means any entity that has a subcontract valued in excess of \$1 million, except a subcontract for the acquisition of commercial items, including commercially available off-the-shelf items.

“Subcontract” means any contract, as defined in Federal Acquisition Regulation subpart 2.1, to furnish supplies or services for performance of this contract or a higher-tier subcontract thereunder.

(b) The Contractor—

(1) Agrees not to—

(i) Enter into any agreement with any of its employees or independent contractors that requires, as a condition of employment, that the employee or independent contractor agree to resolve through arbitration—

(A) Any claim under title VII of the Civil Rights Act of 1964; or

(B) Any tort related to or arising out of sexual assault or harassment, including assault and battery, intentional infliction of emotional distress, false imprisonment, or negligent hiring, supervision, or retention; or

(ii) Take any action to enforce any provision of an existing agreement with an employee or independent contractor that mandates that the employee or independent contractor resolve through arbitration—

(A) Any claim under title VII of the Civil Rights Act of 1964; or

(B) Any tort related to or arising out of sexual assault or harassment, including assault and battery, intentional infliction of emotional distress, false imprisonment, or negligent hiring, supervision, or retention; and

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

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

(d) The Secretary of Defense may waive the applicability of the restrictions of paragraph (b) of this clause in accordance with Defense Federal Acquisition Regulation Supplement 222.7403.

(End of clause)

52.223-2 Affirmative Procurement of Biobased Products Under Service and Construction Contracts (Dec 2007)

52.223-3 Hazardous Material Identification and Material Safety Data (Jan 1997)

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52.223-4 Recovered Material Certification (May 2008)

52.223-5 Pollution Prevention and Right-To-Know Information (AUG 2003)

252.223-7001 Hazard Warning Labels (DEC 1991)

(a) "Hazardous material," as used in this clause, is defined in the Hazardous Material Identification and Material Safety Data clause of this contract.

(b) The Contractor shall label the item package (unit container) of any hazardous material to be delivered under this contract in accordance with the Hazard Communication Standard (29 CFR 1910.1200 et seq). The Standard requires that the hazard warning label conform to the requirements of the standard unless the material is otherwise subject to the labelling requirements of one of the following statutes:

- (1) Federal Insecticide, Fungicide and Rodenticide Act;
- (2) Federal Food, Drug and Cosmetics Act;
- (3) Consumer Product Safety Act;
- (4) Federal Hazardous Substances Act; or
- (5) Federal Alcohol Administration Act.

(c) The Offeror shall list which hazardous material listed in the Hazardous Material Identification and Material Safety Data clause of this contract will be labelled in accordance with one of the Acts in paragraphs (b)(1) through (5) of this clause instead of the Hazard Communication Standard. Any hazardous material not listed will be interpreted to mean that a label is required in accordance with the Hazard Communication Standard.

MATERIAL (If None, Insert "None.")	ACT
_____	_____
_____	_____

(d) The apparently successful Offeror agrees to submit, before award, a copy of the hazard warning label for all hazardous materials not listed in paragraph (c) of this clause. The Offeror shall submit the label with the Material Safety Data Sheet being furnished under the Hazardous Material Identification and Material Safety Data clause of this contract.

(e) The Contractor shall also comply with MIL-STD-129, Marking for Shipment and Storage (including revisions adopted during the term of this contract).

CAR-I18 TECHNICAL INSTRUCTIONS (DEC 2001)

(a) Performance of the work hereunder may be subject to written technical instructions signed by the Task Order Manager. As used herein, technical instructions are defined to include the following:

- (1) Directions to the Contractor that suggest pursuit of certain lines of inquiry, shift work emphasis, fill in details or otherwise serve to accomplish the statement of work.
- (2) Guidelines to the Contractor that assist in the interpretation of drawings, specifications or technical portions of work description.
- (b) Technical instructions must be within the general scope of work stated in the task order. Technical instructions may not be used to :

- (1) assign additional work under the task order;

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- (2) direct a change as defined in the "Changes" clause of the base contract;
- (3) increase or decrease the contract price or estimated amount (including fee), as applicable,

the level of effort, or the time required for task order performance; or

- (4) change any of the terms, conditions or specifications of the task order.

(c) If, in the opinion of the Contractor, any technical instruction calls for effort outside the scope of the task order or is inconsistent with this requirement, the Contractor shall notify the 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 Contracting Officer notifies the Contractor that the technical instruction is within the scope of this task order.

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

(End of Clause)

HQ C-2-0037 ORGANIZATIONAL CONFLICT OF INTEREST (NAVSEA) (JUL 2000)

(a) "Organizational Conflict of Interest" means that because of other activities or relationships with other persons, a person is unable or potentially unable to render impartial assistance or advice to the Government, or the person's objectivity in performing the contract work is or might be otherwise impaired, or a person has an unfair competitive advantage. "Person" as used herein includes Corporations, Partnerships, Joint Ventures, and other business enterprises.

(b) The Contractor warrants that to the best of its knowledge and belief, and except as otherwise set forth in the contract, the Contractor does not have any organizational conflict of interest(s) as defined in paragraph (a).

(c) It is recognized that the effort to be performed by the Contractor under this contract may create a potential organizational conflict of interest on the instant contract or on a future acquisition. In order to avoid this potential conflict of interest, and at the same time to avoid prejudicing the best interest of the Government, the right of the Contractor to participate in future procurement of equipment and/or services that are the subject of any work under this contract shall be limited as described below in accordance with the requirements of FAR 9.5.

(d) (1) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information provided to the Contractor by the Government during or as a result of performance of this contract. Such information includes, but is not limited to, information submitted to the Government on a confidential basis by other persons. Further, the prohibition against release of Government provided information extends to cover such information whether or not in its original form, e.g., where the information has been included in Contractor generated work or where it is discernible from materials incorporating or based upon such information. This prohibition shall not expire after a given period of time.

(2) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information generated or derived during or as a result of performance of this contract. This prohibition shall expire after a period of three years after completion of performance of this contract.

(3) The prohibitions contained in subparagraphs (d)(1) and (d)(2) shall apply with equal force to any affiliate of the Contractor, any subcontractor, consultant, or employee of the Contractor, any joint venture involving the Contractor, any entity into or with which it may merge or affiliate, or any successor or assign of the Contractor. The terms of paragraph (f) of this Special Contract Requirement relating to notification shall apply to any release of information in contravention of this paragraph (d).

(e) The Contractor further agrees that, during the performance of this contract and for a period of three years after

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completion of performance of this contract, the Contractor, any affiliate of the Contractor, any subcontractor, consultant, or employee of the Contractor, any joint venture involving the Contractor, any entity into or with which it may subsequently merge or affiliate, or any other successor or assign of the Contractor, shall not furnish to the United States Government, either as a prime contractor or as a subcontractor, or as a consultant to a prime contractor or subcontractor, any system, component or services, which is the subject of the work to be performed under this contract. This exclusion does not apply to any recompitation for those systems, components or services furnished pursuant to this contract. As provided in FAR 9.505-2, if the Government procures the system, component, or services on the basis of work statements growing out of the effort performed under this contract, from a source other than the contractor, subcontractor, affiliate, or assign of either, during the course of performance of this contract or before the three year period following completion of this contract has lapsed, the Contractor may, with the authorization of the cognizant Contracting Officer, participate in a subsequent procurement for the same system, component, or service. In other words, the Contractor may be authorized to compete for procurement(s) for systems, components or services subsequent to an intervening procurement.

(f) The Contractor agrees that, if after award, it discovers an actual or potential organizational conflict of interest, it shall make immediate and full disclosure in writing to the Contracting Officer. The notification shall include a description of the actual or potential organizational conflict of interest, a description of the action which the Contractor has taken or proposes to take to avoid, mitigate, or neutralize the conflict, and any other relevant information that would assist the Contracting Officer in making a determination on this matter. Notwithstanding this notification, the Government may terminate the contract for the convenience of the Government if determined to be in the best interest of the Government.

(g) Notwithstanding paragraph (f) above, if the Contractor was aware, or should have been aware, of an organizational conflict of interest prior to the award of this contract or becomes, or should become, aware of an organizational conflict of interest after award of this contract and does not make an immediate and full disclosure in writing to the Contracting Officer, the Government may terminate this contract for default.

(h) If the Contractor takes any action prohibited by this requirement or fails to take action required by this requirement, the Government may terminate this contract for default.

(i) The Contracting Officer's decision as to the existence or nonexistence of an actual or potential organizational conflict of interest shall be final.

(j) Nothing in this requirement is intended to prohibit or preclude the Contractor from marketing or selling to the United States Government its product lines in existence on the effective date of this contract; nor, shall this requirement preclude the Contractor from participating in any research and development or delivering any design development model or prototype of any such equipment. Additionally, sale of catalog or standard commercial items are exempt from this requirement.

(k) The Contractor shall promptly notify the Contracting Officer, in writing, if it has been tasked to evaluate or advise the Government concerning its own products or activities or those of a competitor in order to ensure proper safeguards exist to guarantee objectivity and to protect the Government's interest.

(l) The Contractor shall include this requirement in subcontracts of any tier which involve access to information or situations/conditions covered by the preceding paragraphs, substituting "subcontractor" for "contractor" where appropriate.

(m) The rights and remedies described herein shall not be exclusive and are in addition to other rights and remedies provided by law or elsewhere included in this contract.

(n) Compliance with this requirement is a material requirement of this contract.

(End of Clause)

252.239-7000 Protection Against Compromising Emanations.

PROTECTION AGAINST COMPROMISING EMANATIONS (JUN 2004)

(a) The Contractor shall provide or use only information technology, as specified by the Government, that has been

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accredited to meet the appropriate information assurance requirements of—

(1) The National Security Agency National TEMPEST Standards (NACSEM No. 5100 or NACSEM No. 5100A, Compromising Emanations Laboratory Test Standard, Electromagnetics (U)); or

(2) Other standards specified by this contract, including the date through which the required accreditation is current or valid for the contract.

(b) Upon request of the Contracting Officer, the Contractor shall provide documentation supporting the accreditation.

(c) The Government may, as part of its inspection and acceptance, conduct additional tests to ensure that information technology delivered under this contract satisfies the information assurance standards specified. The Government may conduct additional tests—

(1) At the installation site or contractor's facility; and

(2) Notwithstanding the existence of valid accreditations of information technology prior to the award of this contract.

(d) Unless otherwise provided in this contract under the Warranty of Supplies or Warranty of Systems and Equipment clause, the Contractor shall correct or replace accepted information technology found to be deficient within 1 year after proper installations.

(1) The correction or replacement shall be at no cost to the Government.

(2) Should a modification to the delivered information technology be made by the Contractor, the 1-year period applies to the modification upon its proper installation.

(3) This paragraph (d) applies regardless of f.o.b. point or the point of acceptance of the deficient information technology.

(End of clause)

252.239-7001 Information Assurance Contractor Training and Certification. (JAN 2008)

(a) The Contractor shall ensure that personnel accessing information systems have the proper and current information assurance certification to perform information assurance functions in accordance with DoD 8570.01-M, Information Assurance Workforce Improvement Program. The Contractor shall meet the applicable information assurance certification requirements, including—

(1) DoD-approved information assurance workforce certifications appropriate for each category and level as listed in the current version of DoD 8570.01-M; and

(2) Appropriate operating system certification for information assurance technical positions as required by DoD 8570.01-M.

(b) Upon request by the Government, the Contractor shall provide documentation supporting the information assurance certification status of personnel performing information assurance functions.

(c) Contractor personnel who do not have proper and current certifications shall be denied access to DoD information systems for the purpose of performing information assurance functions.

(End of clause)

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SECTION J LIST OF ATTACHMENTS

DD254

Wage Determination No. 2005-2017

Wage Determination No. 1994-0196