

2. AMENDMENT/MODIFICATION NO. 24	3. EFFECTIVE DATE 20-Dec-2013	4. REQUISITION/PURCHASE REQ. NO. 1300392293	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY CODE	N66604	7. ADMINISTERED BY (If other than Item 6) CODE	S0701A

NUWC, NEWPORT DIVISION
Simonpietri Drive, Building 11
Newport RI 02841-1706

DCMA HARTFORD
130 DARLIN STREET
EAST HARTFORD CT 06108-3234

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sonalysts 215 Parkway North Waterford CT 06385		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. N00178-04-D-4126-N412 10B. DATED (SEE ITEM 13) 22-Nov-2010
CAGE CODE 1L297	FACILITY CODE	[X]

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)
SEE SECTION G

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

(*)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.)SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: B42S 'Option 2005', FAR 43.103(a) & FAR 52.232-22, LIMITATION OF FUNDS (APR 1984)
<input type="checkbox"/>	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)		
[Redacted]	[Redacted]		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
[Redacted] (Signature of person authorized to sign)	20-Dec-2013	BY [Redacted] (Signature of Contracting Officer)	20-Dec-2013

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 2 of 2	FINAL
----------------------------------	----------------------------	----------------------------------	----------------	-------

GENERAL INFORMATION

Distribution: KR, 0221, DFAS-HQ0337, 15A [REDACTED], 159 [REDACTED]

FSC: R425

NUWCDIVNPT Control #: 140670

NUWCDIVNPT Requisition #(s): 1300392293, 1300392229 & 1300394143

NUWCDIVNPT POC: [REDACTED] (See cover page for e-mail address and telephone number.)

The purpose of this modification is to:

1. Exercise Option #17 (CLIN 4330 & 6330) EFFECTIVE December 20, 2013 (POP 12/20/2013-9/30/2014)
2. Provide additional funding

This modification incorporates Technical Instructions #TI-008 & #TI-009, TI#10 by reference.

SECTION B - Establish new SLINs as follows: 413004, 433001, 433002 and 633001.

SECTION G - LLAs AU/433001, AU/633001 and AV/413004, AW/433002 are added by this modification.

SECTION H - Change Clause 5252.232-9104 to reflect additional funding provided by this modification.

The total funding obligated for this task order is hereby **increased from \$** [REDACTED].

As a result of this option exercise, the total task order amount is **increased from** [REDACTED].

All other task order terms and conditions remain unchanged.

SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

4000 Under Sea Warfare (USW) Trainer support and development \$0.00

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4100	R425	Base Period (O&MN,N)					\$398,408.04
410001	R425	AA (O&MN,N)					
410002	R425	AA (O&MN,N)					
410003	R425	AA (O&MN,N)					
410004	R425	AA (O&MN,N)					
410005	R425	AA (O&MN,N)					
410006	R425	AJ (O&MN,N)					
4110	R425	Option 5 (O&MN,N)					\$547,948.77
411001	R425	AJ (O&MN,N)					
411002	R425	AK (O&MN,N)					
411003	R425	AL (O&MN,N)					

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 2 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

(O&MN,N)

411004 R425	AM	██████████				
	FY of Funding:					
	FY12					
	OMN					
	NUWC Code 15					
	Sponsor: ██████████					
	██████████					
	TI-001 (O&MN,N)					
4120 R425	Option 10		██████████	█	██████████	██████████ \$571,514.87
	(O&MN,N)					
412001 R425	AN	██████████				
	FY of Funding: FY					
	2012					
	Type of Funding:					
	O&MN					
	NUWC Code 159					
	Sponsor: ██████████					
	██████████					
	TI-002 (O&MN,N)					
412002 R425	AP	██████████				
	FY of Funding: FY					
	2012					
	Type of Funding:					
	O&MN					
	NUWC Code 159					
	Sponsor: ██████████					
	██████████					
	TI-002 (O&MN,N)					
412003 R425	AQ	██████████				
	FY of Funding: FY					
	2012					
	Type of Funding:					
	O&MN					
	NUWC Code 159					
	Sponsor: ██████████					
	██████████					
	TI-003 (O&MN,N)					
412004 R425	AR	██████████				
	FY of Funding: FY					
	2013					
	Type of Funds:					
	O&MN					
	NUWC Code 159					
	Sponsor: ██████████					
	██████████					
	TI-004 (O&MN,N)					
4130 R425	Option 15		██████████	█	██████████	██████████ \$596,909.02
	(O&MN,N)					
413001 R425	AS	██████████				

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 3 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

FY of Funding: FY
2013
Type of Funds:
O&MN
NUWC Code 159
Sponsor: [REDACTED]
[REDACTED]
TI-005
[REDACTED]
[REDACTED]
[REDACTED] (O&MN,N)

413002 R425 AT [REDACTED]
FY of Funds: FY
2014
Type of Funds:
O&MN
NUWC Code 159
Sponsor: [REDACTED]
[REDACTED]
TI-007 (O&MN,N)

413003 R425 AT [REDACTED]
FY of Funding: FY
2014
Type of Funds:
O&MN
NUWC Code 159
Sponsor: [REDACTED]
[REDACTED]
TI-006 (O&MN,N)

413004 R425 AV [REDACTED]
FY of Funding: FY
2014
Type of Funds:
O&MN
NUWC Code 159
Sponsor: [REDACTED]
[REDACTED]
TI-008 (O&MN,N)

4200 R425 Option 1 (OPN) [REDACTED] [REDACTED] [REDACTED] [REDACTED] \$90,558.43

420001 R425 AD [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED] (OPN)

420002 R425 AE [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED] (OPN)

420003 R425 AF [REDACTED]
[REDACTED]

██████████
 ██████████
 ██████████ (OPN)

420004 R425 AG ██████████
 ██████████
 ██████████ (OPN)

4210 R425 Option 6 (OPN) ██████████ ████ ██████████ ██████████ \$105,272.65
 Option

4220 R425 Option 11 (OPN) ██████████ ████ ██████████ ██████████ \$109,800.71
 Option

4230 R425 Option 16 (OPN) ██████████ ████ ██████████ ██████████ \$114,679.25
 Option

4300 R425 Option 2 (RDT&E) ██████████ ████ ██████████ ██████████ \$95,739.81
 Option

4310 R425 Option 7 (RDT&E) ██████████ ████ ██████████ ██████████ \$131,550.53
 Option

4320 R425 Option 12 (RDT&E) ██████████ ████ ██████████ ██████████ \$137,209.32
 Option

4330 R425 Option 17 (RDT&E) ██████████ ████ ██████████ ██████████ \$143,306.06

433001 R425 AU ██████████
 FY of Funding: FY
 2014
 Type of Funds:
 RDT&E
 NUWC Code 159
 Sponsor: ██████████
 ██████████
 TI-009 (RDT&E)

433002 R425 AW ██████████
 FY of Funding: FY
 2014
 Type of Funds:
 RDT&E
 NUWC Code 1524
 Sponsor: ██████████
 ██████████
 TI-010 (RDT&E)

4400 R425 Option 3 ██████████ ████ ██████████ ██████████ \$46,360.62
 (FMS Case #XX-X-X
 XX)
 Option

4410 R425 Option 8 ██████████ ████ ██████████ ██████████ \$63,290.44
 (FMS Case #xx-x-x
 xx)
 Option

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 5 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

4420	R425	Option 13 (FMS Case #xx-x-x xx) Option	████	█	████████	████████	\$66,014.51
4430	R425	Option 18 (FMS Case #xx-x-x xx) Option	████	█	████████	████████	\$68,948.76
4500	R425	Option 4 (SCN) Option	████	█	████████	████████	\$182,734.11
4510	R425	Option 9 (SCN) Option	████	█	████████	████████	\$268,080.41
4520	R425	Option 14 (SCN) Option	████	█	████████	████████	\$279,610.38
4530	R425	Option 19 (SCN) Option	████	█	████████	████████	\$292,034.03

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
-----	-----	-----	-----	-----	-----
6000		Prime and Subcontractor Travel and Materials (with burdens, no fee)			\$0.00
6100	R425	Base Period (O&MN,N)	1.0	LO	\$50,149.43
610001	R425	AA ██████████ (O&MN,N)			
610002	R425	AB ██████████ (O&MN,N)			
610003	R425	AC ██████████ (O&MN,N)			
610004	R425	AA ██████████ (O&MN,N)			
610005	R425	AA ██████████ (O&MN,N)			
610006	R425	AH ██████████ (O&MN,N)			
610007	R425	AA ██████████ (O&MN,N)			

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 6 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

610008 R425 AJ [REDACTED]
[REDACTED]
[REDACTED]
(O&MN,N)

6110 R425 Option 5 (O&MN,N) 1.0 LO \$54,109.64

611001 R425 AJ [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
(O&MN,N)

611002 R425 AK [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
(O&MN,N)

6120 R425 Option 10 1.0 LO \$54,107.56
(O&MN,N)

612001 R425 AN [REDACTED]
FY of Funding: FY
2012
Type of Funding:
O&MN
NUWC Code 159
Sponsor: [REDACTED]
[REDACTED]
TI-002 (O&MN,N)

612002 R425 AQ [REDACTED]
FY of Funding: FY
2012
Type of Funding:
O&MN
NUWC Code 159
Sponsor: [REDACTED]
[REDACTED]
TI-003 (O&MN,N)

6130 R425 Option 15 1.0 LO \$54,104.44
(O&MN,N)

613001 R425 AS [REDACTED]
FY of Funding: FY
2013
Type of Funds:
O&MN
NUWC Code 159
Sponsor: [REDACTED]
[REDACTED]
TI-005
[REDACTED]
[REDACTED]

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 7 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

██████████ (O&MN,N)

613002	R425	AT ██████████ FY of Funds: FY 2014 Type of Funds: O&MN NUWC Code 159 Sponsor: ██████████ ██████████ TI-007 (O&MN,N)			
6200	R425	Option 1 (OPN)	1.0	LO	\$24,785.91
620001	R425	AG ██████████ ██████████ ██████████ ██████████ (OPN)			
6210	R425	Option 6 (OPN) Option	1.0	LO	\$33,046.18
6220	R425	Option 11 (OPN) Option	1.0	LO	\$33,044.10
6230	R425	Option 16 (OPN) Option	1.0	LO	\$33,042.02
6300	R425	Option 2 (RDT&E) Option	1.0	LO	\$23,963.28
6310	R425	Option 7 (RDT&E) Option	1.0	LO	\$33,282.81
6320	R425	Option 12 (RDT&E) Option	1.0	LO	\$33,280.73
6330	R425	Option 17 (RDT&E)	1.0	LO	\$33,278.65
633001	R425	AU ██████████ FY of Funding: FY 2014 Type of Funds: RDT&E NUWC Code 159 Sponsor: ██████████ ██████████ TI-009 (RDT&E)			
6400	R425	Option 3 (FMS Case #XX-X-X XX) Option	1.0	LO	\$16,137.59
6410	R425	Option 8 (FMS Case #xx-x-x xx) Option	1.0	LO	\$21,516.84

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 8 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

6420	R425	Option 13 (FMS Case #xx-x-x xx) Option	1.0	LO	\$21,514.76
6430	R425	Option 18 (FMS Case #xx-x-x xx) Option	1.0	LO	\$21,513.72
6500	R425	Option 4 (SCN) Option	1.0	LO	\$29,443.24
6510	R425	Option 9 (SCN) Option	1.0	LO	\$39,256.75
6520	R425	Option 14 (SCN) Option	1.0	LO	\$39,254.67
6530	R425	Option 19 (SCN) Option	1.0	LO	\$39,252.59

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7140	R425	Option 20 (O&MN,N) Option	██████	█	██████████	██████████	\$625,057.77
7150	R425	Option 25 (O&MN,N) Option	██████	█	██████████	██████████	\$161,421.71
7240	R425	Option 21 (OPN) Option	██████	█	██████████	██████████	\$120,089.08
7250	R425	Option 26 (OPN) Option	██████	█	██████████	██████████	\$31,020.85
7340	R425	Option 22 (RDT&E) Option	██████	█	██████████	██████████	\$150,063.65
7350	R425	Option 27 (RDT&E) Option	██████	█	██████████	██████████	\$38,465.33
7440	R425	Option 23 (FMS Case #xx-x-x xx) Option	██████	█	██████████	██████████	\$72,200.06
7450	R425	Option 28 (FMS Case #xx-x-x xx) Option	██████	█	██████████	██████████	\$18,813.12

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 9 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

7540 R425 Option 24 (SCN) [REDACTED] [REDACTED] [REDACTED] [REDACTED] \$305,808.34
Option

7550 R425 Option 29 (SCN) [REDACTED] [REDACTED] [REDACTED] [REDACTED] \$78,963.10
Option

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9140	R425	Option 20 (O&MN,N) Option	1.0	LO	\$54,102.36
9150	R425	Option 25 (O&MN,N) Option	1.0	LO	\$4,960.23
9240	R425	Option 21 (OPN) Option	1.0	LO	\$33,040.98
9250	R425	Option 26 (OPN) Option	1.0	LO	\$8,259.70
9340	R425	Option 22 (RDT&E) Option	1.0	LO	\$33,277.61
9350	R425	Option 27 (RDT&E) Option	1.0	LO	\$8,318.37
9440	R425	Option 23 (FMS Case #xx-x-x xx) Option	1.0	LO	\$21,513.72
9450	R425	Option 28 (FMS Case #xx-x-x xx) Option	1.0	LO	\$5,378.13
9540	R425	Option 24 (SCN) Option	1.0	LO	\$39,250.51
9550	R425	Option 29 (SCN) Option	1.0	LO	\$9,812.35

FEE TABLE

Labor CLIN	Labor Hours	Estimated Cost	Fixed Fee	Total	Fee Rate Per Hour	Fee Percentage
4100	[REDACTED]	[REDACTED]	[REDACTED]	\$398,408.04	[REDACTED]	[REDACTED]

4110				\$ 547,948.77		
4120				\$ 571,514.87		
4130				\$ 596,909.02		
4200				\$ 90,558.43		
4210				\$ 105,272.65		
4220				\$ 109,800.71		
4230				\$ 114,679.25		
4300				\$ 95,739.81		
4310				\$ 131,550.53		
4320				\$ 137,209.32		
4330				\$ 143,306.06		
4400				\$ 46,360.62		
4410				\$ 63,290.44		
4420				\$ 66,014.51		
4430				\$ 68,948.76		
4500				\$ 182,734.11		
4510				\$ 268,080.41		
4520				\$ 279,610.38		
4530				\$ 292,034.03		
7140				\$ 625,057.77		
7150				\$ 161,421.71		

7240				\$		
				120,089.08		
7250				\$		
				31,020.85		
7340				\$		
				150,063.65		
7350				\$		
				38,465.33		
7440				\$		
				72,200.06		
7450				\$		
				18,813.12		
7540				\$		
				305,808.34		
7550				\$		
				78,963.10		

In the event of any inconsistency between the above table and the CLIN pricing, the CLIN pricing shall take precedence.

B42S OPTIONS (JUN 2005)

The additional items of supplies or services available under the Options clause of this task order, the applicable Line Item, and the exercise dates are specified below:

Option No.	CLIN	Fund Type	Exercise Date – No Later Than
5	4110 & 6110	OMN&N	30-Dec-11
10	4120 & 6120	OMN&N	30-Dec-12
15	4130 & 6130	OMN&N	30-Dec-13
20	7140 & 9140	OMN&N	30-Dec-14
25	7150 & 9150	OMN&N	1-Nov-15
1	4200 & 6200	OPN	3-Apr-11
6	4210 & 6210	OPN	30-Dec-11
11	4220 & 6220	OPN	30-Dec-12
16	4230 & 6230	OPN	30-Dec-13
21	7240 & 9240	OPN	30-Dec-14
26	7250 & 9250	OPN	1-Nov-15

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 12 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

2	4300 & 6300	RDT&E	3-Apr-11
7	4310 & 6310	RDT&E	30-Dec-11
12	4320 & 6320	RDT&E	30-Dec-12
17	4330 & 6330	RDT&E	30-Dec-13
22	7340 & 9340	RDT&E	30-Dec-14
27	7350 & 9350	RDT&E	1-Nov-15
3	4400 & 6400	FMS	3-Apr-11
8	4410 & 6410	FMS	30-Dec-11
13	4420 & 6420	FMS	30-Dec-12
18	4430 & 6430	FMS	30-Dec-13
23	7440 & 9440	FMS	30-Dec-14
28	7450 & 9450	FMS	1-Nov-15
4	4500 & 6500	SCN	3-Apr-11
9	4510 & 6510	SCN	30-Dec-11
14	4520 & 6520	SCN	30-Dec-12
19	4530 & 6530	SCN	30-Dec-13
24	7540 & 9540	SCN	30-Dec-14
29	7550 & 9550	SCN	1-Nov-15

B51S PAYMENT OF FIXED FEE - TERM (NOV 2005)

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

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

HQ B-2-0020 Travel Costs – Alternate I (NAVSEA) (DEC 2005)

(a) Except as otherwise provided herein, the Contractor shall be reimbursed for its reasonable actual travel costs in accordance with FAR 31.205-46. The costs to be reimbursed shall be those costs accepted by the cognizant DCAA.

(b) Reimbursable travel costs include only that travel performed from the Contractor's facility to the worksite, in

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 13 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

and around the worksite, and from the worksite to the Contractor's facility.

(c) Relocation costs and travel costs incident to relocation are allowable to the extent provided in FAR 31.205-35; however, Contracting Officer approval shall be required prior to incurring relocation expenses and travel costs incident to relocation.

(d) The Contractor shall not be reimbursed for the following daily local travel costs:

(i) travel at U.S. Military Installations where Government transportation is available,

(ii) travel performed for personal convenience/errands, including commuting to and from work, and

(iii) travel costs incurred in the replacement of personnel when such replacement is accomplished for the Contractor's or employee's convenience.

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 14 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION C DESCRIPTIONS AND SPECIFICATIONS

STATEMENT OF WORK- Training Development & Instruction

1.0 Background

The Sensors & SONAR Systems Department, Code 15 of the Naval Undersea Warfare Center Division Newport (NUWC DIVNPT) is involved in a variety of disciplines (representing about 140 programs and projects) such as, Under Sea Warfare (USW), Anti-Submarine Warfare (ASW), Combat Control Systems, Detection and Localization Systems, Classification Systems, Acoustical Information Processing of Acoustic Sensor, and SONAR Systems and Acoustic Communications Systems and Processing. Some of the sponsors for which this work is performed for are the Naval Sea Systems Command (NAVSEA), Special Projects, Naval Air Systems Command (NAVAIR) and the Office of Naval Research (ONR).

The Products and Capabilities Code 15 is involved in include:

- Active and Passive Acoustic Systems
- Environmental Acoustic Technology and Systems
- Hull-Mounted, Fixed and Towed SONAR Systems
- Off-Board Sensors and Sound Navigation & Ranging (SONAR) Systems, Including Distributed Systems
- Human Systems Integration for Manned and Unmanned (Autonomous) Systems
- SONAR Trainer Systems and Training
- Transducers and Sonobuoys Materials, Measurements and Standards
- Underwater Acoustic Communications Systems
- Underwater Off-Board Sensors and SONAR Systems
- Underwater Non-Acoustic and Environmental Sensors
- Autonomous Vehicle Sensors and SONAR Systems

Over the past several years the Navy is in the process of combining many Surface and Submarine programs for the 21st Century. In order to accomplish this task, Code 15 is responsible for developing and integrating Sensor and SONAR Systems, and Combat Systems across the Submarine and Surface Ship Fleet. In order to meet these goals and to deal with the terrorism threat over the past several years, the Navy has focused its direction toward developing and integrating sensors and SONAR for both Surface and Underwater Autonomous Vehicles along with achieving communication paths across platforms. The programs established to achieve these goals are still evolving (SPARTAN, Manta, Littoral Combat Ship and Defense Network Forces) and need to be integrated onto various platforms. In addition, Code 15 is involved in every aspect of the engineering life cycle disciplines for a wide variety of undersea warfare systems (detailed in section 2.1), including development and support of trainer systems and related curricula/training efforts.

2.0 SCOPE

The purpose of this procurement is to provide the trainer and training materials development and engineering services necessary to support the programs, projects, systems, and subsystems outlined under Section 2.1. The tasks outlined under Section 4.0 comprise the various functions that are to be followed when supporting development and fielding of USW trainers and training. The supported systems may be advanced development systems, Fleet operational systems, or systems that are being converted or updated for the U.S. or for foreign sales. The contractor shall provide analyses of system capability and system operability, through development of operational guidance and trainer specifications and curricula outlines, to development of appropriate training mechanisms including training devices, data bases, and curricula. The Navy's goal is to migrate to an Interactive Learning Environment (ILE) for new Systems and where possible Operational Fleet Systems.

For new systems the contractor shall be given System Specifications (GFI 6.1.7) and be expected to develop Operational Guidelines in order to build a Trainer. For Existing Systems the contractor shall be given the Operational Guidelines and be expected to change or upgrade a Trainer.

The contractor shall research source materials in order to develop new Training Documentation for the development of a trainer or upgrade existing Training Documentation for changing of a Trainer.

The contractor shall also make modifications/revisions, and updates to system/suite Operating Guidelines for the systems/suites outlined in all of Section 2.1. The systems may be under conceptual design, development and/or operational use by the U.S. Navy or foreign navies. Operating Guidelines for foreign navies will be in support of the US Navy's Foreign Military Sales (FMS) Program. The contractor shall glean system data from Government furnished source materials such as equipment specifications, previous operating guidelines, and technical manuals. (GFI)

The contractor shall develop Operating Guidelines and Training Materials and update existing Operating Guidelines and Training Materials (GFI 6.1.1 & 6.1.2) in accordance with Technical Document Requirements (GFI 6.1.3), NTSA ED-10-1 (GFI 6.1.4), Security Requirements (GFI 6.1.6), and System Specifications and Requirements (GFI 6.1.7) and Operating Guidelines Style Guide (GFI 6.1.8). Typical Systems include:

2.1 SUBSYSTEMS, SYSTEMS AND PROGRAMS

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-04-D-4126	N412	24	15 of 59	

The subsystems, systems and programs, which this contract includes, are:

- 2.1.1) ACOMMS Acoustic Communications System
- 2.1.2) AN/SQQ-89 ASW COMBAT SYSTEM PROGRAMS & PROJECTS
- 2.1.3) AEGIS 89 AEGIS Class Ships
- 2.1.4) CM Configuration Management
- 2.1.5) FMS Foreign Military Sales
- 2.1.6) ILS FITT FIT Training
- 2.1.7) ILS FT Formal Training
- 2.1.8) ILS M LEM Maintenance LEM
- 2.1.9) ILS OGT OP Guidelines Training
- 2.1.10) ILS T D LEM Technical Data LEM
- 2.1.11) ISS In-Service Support
- 2.1.12) IV & V Independent Verification & Validation
- 2.1.13) LI LAMPS Integration
- 2.1.14) LBITS Land Based Integration Test Site
- 2.1.15) OBT/SLR On-Board Trainer
- 2.1.16) PS Production Systems Test & Evaluation
- 2.1.17) Project Integration
- 2.1.18) SIMAS SONAR In-Situ Mode Assessment System
- 2.1.19) TRAFS Torpedo Recognition and Alertment Functional Segment
 - (V)10
 - (V)12 Block I
 - (V)14
 - (V)15
 - (V)15 SIMAS
 - A(V)15
- 2.1.20) AACD Active Acoustic Classification Development
- 2.1.21) AN/SLQ-25A TBD
- 2.1.22) AN/SQR-18 Towed Array SONAR Systems
- 2.1.23) AN/SQR-19 Tactical Towed Array SONAR (TACTAS) System
- 2.1.24) AN/UYQ-25 SIMAS SONAR In-Situ Mode Assessment System (Data Processing Systems)
- 2.1.25) AN/SQS-26 Active SONAR System SONAR Detecting Ranging-Set
- 2.1.26) AN/SQQ-28 LAMP Light Airborne Multi-Purpose Sonobuoy Signal Processing System
- 2.1.27) AN/SQQ-28 MTTU LAMPS Mobile Team Training Unit
- 2.1.28) AN/SQS-53 A/B/C/D Active Hull SONAR System SONAR Detecting-Ranging Set
- 2.1.29) AN/UYQ-65 Data Processing and Display Set
- 2.1.30) AN/SQY-I Surface ASW Systems
- 2.1.31) AN/UYS-1 DOD Standard Signal Processor
- 2.1.32) AN/UYS-2A DOD Standard Signal Processor
- 2.1.33) AN/SQS-56 Hull Array for FFG Platforms
- 2.1.34) AN/BSY-1 Acoustic Sub-System
- 2.1.35) AN/BSY-2 Acoustic Sub-System
- 2.1.36) APE Adjunct Processor Enhancement
- 2.1.37) ASPR Active SONAR Performance Realization Program
- 2.1.38) ASWCS MK-116 Anti-Submarine Warfare (ASW) Combat Control System (Mods 5 & higher)
- 2.1.39) ASWETA II ASW Emulator Maneuvering Training Aid II
- 2.1.40) ASW Training Anti-Submarine Warfare Training
- 2.1.41) BGMSS Battle Group Multi-Static Systems
- 2.1.42) BISTATICS (30) Bi-static Studies
- 2.1.43) CASS Comprehensive Acoustic SONAR Simulator
- 2.1.44) CASS/GRAB Comprehensive Acoustic SONAR Simulator Gaussian Ray Bundle
- 2.1.45) CD21 21ST Century Destroyer SONAR Systems
- 2.1.46) Commonality SI Strategic Initiative - Investment
- 2.1.47) DDx TBD
- 2.1.48) DNF Distributed Network Force Dipping SONARs
- 2.1.49) DISPLAYS (GUI) Displays/Graphical User Interfaces
- 2.1.50) Distant Thunder Shallow Water Detection
- 2.1.51) EMSP Enhanced Modular Signal Processor
- 2.1.52) ETC Echo Tracker Classifier
- 2.1.53) 2.1.E.A.S.T. Environmental Adaptation SONAR Technology
- 2.1.54) EC-16 Engineering Change 16
- 2.1.55) ETC/ALFS Echo Tracker Classifier/Airborne Low Frequency System
- 2.1.56) FF-1052 FMS Fast Frigate 1052 Foreign Military Sales
- 2.1.57) FMS Foreign Military SONAR Systems Sales

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 16 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

- 2.1.58) HLA Horizontal Line Array
- 2.1.59) IASW Integrated ASW
- 2.1.60) ILE Integrated Learning Environment Training
- 2.1.61) IR Independent Research
- 2.1.62) IR – 3D Wave TBD
- 2.1.63) IR – AC Acoustic Characterization
- 2.1.64) IR – EPA Exact Performance Analysis
- 2.1.65) IR – MPC Multiple Person Combat
- 2.1.66) IR – PC Performance Considerations
- 2.1.67) JOINT US/JAPAN Surface Ship Acoustic Analysis Center Systems
- 2.1.68) LAMPS Light Airborne Multi-Purpose Sonobuoy Signal Processing System
- 2.1.69) LBITS Land Based Integration Test-site Systems
- 2.1.70) LBVDS Lightweight Broadband Variable Depth SONAR
- 2.1.71) LCSA-CORE Life Cycle Support Activity Core
- 2.1.72) M&S Modeling & Simulation
- 2.1.73) MAC DSP Macintosh Digital Signal Processing
- 2.1.74) MACE Multi-static ASW Capability Enhancements
- 2.1.75) MAST Multi-static Active SONAR Test-bed
- 2.1.76) MINEFIELD Mine Field Studies
- 2.1.77) MINE WARFARE Mine Warfare
- 2.1.78) MIUW-SU Mobile Inshore Undersea Warfare System Upgrade
- 2.1.79) MLTA Multi-Line Towed Array
- 2.1.80) MMS Multi-Static SONAR Suite
- 2.1.81) MSA SONAR Multi Static Active
- 2.1.82) MSS Multi-Static SONAR Systems
- 2.1.83) Network Based ASW Anti-Submarine Warfare
- 2.1.84) ONR Signal Processing Office Of Naval Research
- 2.1.85) ONR/6.1 Office of Naval Research 6.1 Projects
- 2.1.86) PAWDF Platform Acoustic Warfare Data Fusion
- 2.1.87) PDNJ Project Description and Needs Justification
- 2.1.88) PROD & INSTALL Production System Installations
- 2.1.89) PRODSYS T&E Production Systems Test and Evaluation
- 2.1.90) PSSL Production Software Support Laboratory
- 2.1.91) SAVEPROD SONAR Audio Visual Enhancement Production
- 2.1.92) SAWCS Submarine Acoustic Warfare Control System
- 2.1.93) SC21 Surface Combatant 21st Century (all subsystems)
- 2.1.94) SDPU Standard Data Processing Unit
- 2.1.95) SEMA Ship Engineering Maintenance Activity
- 2.1.96) SIMAS SONAR In-situ Mode Assessment System (Data Processing Systems)
- 2.1.97) SSASWAD Surface Ship Anti-Submarine Warfare Advanced Development Program
- 2.1.98) SSTD Surface Ship Torpedo Defense Active Classification Program
- 2.1.99) SSTD US/UK Joint US & United Kingdom Surface Ship Torpedo Defense
- 2.1.100) SWADC Shallow Water Active Detection & Classification
- 2.1.101) SWAK/KINGFISHER Shallow Water Active Kit Kingfisher
- 2.1.102) SYSTEMS ENG Systems Engineering
- 2.1.103) Sensor Systems
- 2.1.104) SONAR Systems
- 2.1.105) Sonobuoys
- 2.1.106) TACS Tactical Acoustic Communications Systems
- 2.1.107) TASWIT Tactical Advanced Simulated Warfare Interactive Trainer
- 2.1.108) Target Strength
- 2.1.109) TARS Wet End Towed Array Receiver System
- 2.1.110) TT 21 Tech Team 21 (Government Advisors to PMS 500
- 2.1.111) TLA/TRF Towed Line Array
Transducers
- 2.1.112) USW-21 Under Sea Warfare 21st Century
- 2.1.113) USV Un-manned Surface Vehicle
- 2.1.114) UUV Un-manned Underwater Vehicle
- 2.1.115) Active Classification Systems
- 2.1.116) Coast Guard SONAR Systems (CGSS)
- 2.1.117) Optical Towed Array
- 2.1.118) MANTA Program

Additional new technology programs may also be assigned under this contract.

New SONAR, ASW and Information and Signal Processing Programs

6.1, 6.2 and 6.3 R & D Projects for Surface Ship ASW and Submarine SONAR Combat Systems

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 17 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

NUWCDIVNPT Joint Programs as follows:

2.1.119) TT-624 Tele-printer
2.1.120) AN/UYQ-21 Display Subsystem
2.1.121) AN/UYH-2 Mass Memory
2.1.122) AN/UYH-3 Mass Memory
2.1.123) AN/UYH-16 Mass Memory
2.1.124) AN/USH-32 Tape Recorder
2.1.125) AN/UYK-7 Computer
2.1.126) AN/UYK-20 Computer
2.1.127) AN/UYK-43 Computer
2.1.128) AN/UYK-44 Computer
2.1.129) ISSU Acoustic Switch
2.1.130) AN/VYQ-62 Digital Switch
2.1.131) TAIS MK I Acoustic Synthesizer
2.1.132) TAIS MK II Acoustic Synthesizer
2.1.133) 0J-194 (CIGARS) Display Subsystems
2.1.134) DP2290 Line Printer
2.1.135) U2OO Terminal
2.1.136) Kennedy Tape Drives
2.1.137) EDMAC Acoustic Simulator
2.1.138) SDPU TBD
2.1.139) AMES TBD
2.1.140) SSUP TBD
2.1.141) Helo Interface Control Box
2.1.142) HP 9000 Navy Standard Desk Top Computer
2.1.143) AN/UYQ-25 Data Processing System

2.2 TECHNICAL AREAS

The technical areas, which this contract includes, are:

2.2.1) Acoustic modeling
2.2.2) Active SONAR design and performance estimation and assessment
2.2.3) Array Gain
2.2.4) ASW at-sea exercise assessment
2.2.5) ASW Combat System installation and checkout
2.2.6) ASW Combat System logistics planning
2.2.7) ASW Combat System missions and operation
2.2.8) ASW Combat Control System Design, Operation and Performance Assessments
2.2.9) Beam Patterns
2.2.10) Bearing Accuracy
2.2.11) Computer Hardware Simulation Analysis and Testing
2.2.12) Computer Software Simulation Analysis and Testing
2.2.13) Computer Hardware Simulation and Modeling
2.2.14) Computer Software Simulation and Modeling
2.2.15) Display Control Architectures
2.2.16) Distributed system architecture assessment
2.2.17) Electromagnetic Interference (EMI)
2.2.18) Exercise Scenario Development and Design
2.2.19) Figure of Merit
2.2.20) Information/Signal Processing
2.2.21) Integrated Learning Environment (ILE)
2.2.22) Integrated Logistic Support (ILS)
2.2.23) Localization
2.2.24) Near Field Measurements
2.2.25) Network Simulation Analysis and Testing
2.2.26) Network Simulation Modeling
2.2.27) Operator Machine Interface Architectures
2.2.28) Operating Guidelines Development
2.2.29) Operator Performance Analysis and Testing
2.2.30) Passive SONAR design and performance estimation and assessment
2.2.31) PM/FL/FD Performance
2.2.32) Real Time System Performance Assessment
2.2.33) Receiver Sensitivity
2.2.34) Scenario Geometry Design
2.2.35) Ship impact/feasibility of system installation

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 18 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

- 2.2.36) Ship installation planning and design
- 2.2.37) Shipboard system Reliability, Maintainability and Availability (RMA) Assessment
- 2.2.38) Signal Interference Analysis & Testing
- 2.2.39) Sonobuoy Patterns
- 2.2.40) System Engineering analysis and investigation
- 2.2.41) System requirements development, allocation to hardware, software & networks & validation
- 2.2.42) Systems documentation management
- 2.2.43) Systems Requirements Analysis
- 2.2.44) SONAR System Self Noise
- 2.2.45) Source Level
- 2.2.46) Tracker Performance
- 2.2.47) Target Strength
- 2.2.48) Torpedo Detection
- 2.2.49) Test Resource Requirements
- 2.2.50) Target Classification
- 2.2.51) Training Studies and Analysis
- 2.2.52) Training Material Development

3.0 APPLICABLE DOD/MIL STANDARD SPECIFICATION DOCUMENTS

It is the Government's expressed intent and stated purpose that strict adherence to detailed Military Specifications and Standards (MIL-SPEC/STD) be minimized, so as to reduce cost and enhance the potential for contract schedule attainment, while still achieving Program Technical Performance Standards and Requirements as stated in the Statement of Work (SOW). The Contractor's use of Non-Developmental Items (NDI) and Commercial-Off-The-Shelf (COTS) items is fully encouraged in order to alleviate the unneeded applicable Formal Standards and Specifications whenever possible.

The following Government directives are provided for information during the performance of the work required under this contract. In those instances where applicable, the Government prefers that equivalent substitutes from either the contractor's established in-hours practices, procedures, and systems, or commercial equivalent standards, be used by the contractor in lieu of Government directives. The contractor is to keep the Government advised of any equivalent substitutes that are used, but is not required to obtain Government approval prior to implementing them.

3.1 MILITARY & DOD STANDARDS

- 3.1.1) MIL-STD-470B Maintainability Program for Systems and Equipment
- 3.1.6) MIL-STD-961E Defense & Program-Unique Specifications Format & Content
- 3.1.7) MIL-HDBK-502 Training Data Products
- 3.1.8) MIL-PRF-49508 Qualified Products List Of Products Qualified Under Military Specification
- 3.1.9) MIL-PRF-29612B Training Data Products
- 3.1.10) MIL-DTL-31000C Technical Data Packages
- 3.1.11) DOD-D-1000B Military Specifications, Drawings, Engineering and Associated Lists, 28 October 1977
- 3.1.12) DOD-STD-480A Configuration and Control and Engineering Changes, Deviations, and Waivers
- 3.1.13) NAVEDTRA 110A Procedures for Instructional Systems Development
- 3.1.14) DOD-STD-2003 Electric Plant Installation Standard Methods for Surface Ships & Submarines
CHANGE NOTICE 1
- 3.1.15) MIL-C-24231D (2) Connectors, Plugs, & Receptacles, Adapters, Hull Inserts, & Hull
CHANGE NOTICE 1
- 3.1.16) MIL-C-24217A (1) Connectors, Electrical, Deep Submergence, Submarine
CHANGE NOTICE 1
- 3.1.17) MIL-STD-2073-1D Standard Practices for Military Packaging
CHANGE NOTICE 1

3.2 TACTICAL STANDARDS

- 3.2.1) TADSTAND-A Standard Definitions for Embedded Computer Resources in Tactical Digital Systems, 2 July 1980
- 3.2.2) TADSTAND-B Standard Embedded Computers, Computer Peripherals, and Input/Output Interfaces 2 July 1980
- 3.2.3) TADSTAND-C Computer Programming Language Standardization Policy for Tactical Digital Systems, 2 July 1980
- 3.2.4) TADSTAND-D Reserve Capacity Requirements for Tactical Digital Systems, 2 July 1980
- 3.2.5) TADSTAND-E Software Development Documentation and Testing Policy for Navy Mission Critical Systems, 25 May 1982

3.3 OTHER INSTRUCTIONS & STANDARDS

- 3.3.1) NAVSEA 0902-018-2010 General Overhaul Specifications for Deep Diving SSBN/SSN Submarines
- 3.3.2) NAVSEA T0850-AB-GYD-010 Unsatisfactory Material Reporting Process Guide Connectors
- 3.3.3) OPNAV INSTRUCTION 4790.4 Ships' Maintenance, Material, and Management (3M) Manual
- 3.3.4) NAVSEA SE9320-AM-PRO-020/MLDG NAVSEA Molding Manual

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 19 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

3.3.5) NAVSEA SE9320-AM-PR0-030/MLDG	NAVSEA Non-Conductive Coating (NCC) Manual
3.3.6) NAVSEA SE9320-AM-PR0-040/MLDG	
3.3.7) CPG 1454	
3.3.8) EB Spec 3004D dated 11/10/81	
3.3.9) NAVSEA PUB 0902-018-2010	
3.3.10) EIA STANDARD EIA-649-A	National Consensus Standard for Configuration Management
3.3.11) ASME Y14.100-2000	Engineering Drawing Practices Requirements Manual (applicable sections)
3.3.12) NUWC DIVNPTINST 5090.3C	Hazardous Materials Control Program
3.3.13) NUWC DIVNPTINST 5100.5A	Occupational Safety and Health (OSH) Program
3.3.14) NUWC DIVNPTINST 4855.7	QA Repair and Fabrication
3.3.15) NUWC DIVNPTINST 5500.4	Security Manual
3.3.16) NUWC DIVNPTINST 5230.2A	Computer Services Provided to Government Contractors Using Any NUWC Computer Asset
3.3.17) NUWC DIVNPTINST 5200.4E	Publications and Presentations Guide
3.3.18) TC3 QA Manual	TBD
3.3.19) ASME Y14.100	Engineering Drawings
3.3.20) ASME Y14.24	Engineering Drawings
3.3.21) ASME Y14.34M	Engineering Drawings
3.3.22) ASME Y14.35M	Engineering Drawings

3.4 OTHER STANDARDS, FORMS & TEMPLATES

Programming Standards and Procedures Manual (for specific systems).

Configuration & Technical Data Management Standard Operating Procedures (NUWC DIVNPT Document)

Standard Navy Programming Languages including but not limited to; ADA, C, PASCA, CMS-2M, ULTRA-16, FORTRAN, SPL, SPL/I, SPGN, AN/UYS-1/2 Micro-code, and various assembly languages.

Navy Standard Operating Systems & Executives including but not limited to SDEX, VRTX, CROS, MTASS-M.

Commercial Standards for software and hardware approved COTS, GOTS, and NDI systems.

3.4.1) NUWC DIVNPT	ECP Bi-weekly Work Hours Form
3.4.2) NUWC DIVNPT	ECP Cost Estimating Form
3.4.3) DoD 5000.3	Test and Evaluation
3.4.4) NAVSEA 3960.2	Test and Evaluation
3.4.5) OPNAVINST 3960.10C	Test and Evaluation
3.4.6) SECNAVINST 5216.5C	Department of the Navy Correspondence Manual

4.0 TASK DESCRIPTION

The contractor shall perform the tasks of this Statement of Work with technical guidance from sections 3.0, and 6.0. The work to be performed under this SEAPORT-E Task Order as detailed below defines a process that makes up an engineering discipline of function to ensure a successful program or project.

4.1 OPERATIONAL GUIDELINE DEVELOPMENT & UPDATES

4.1.1 Source Material Analysis

The contractor shall prepare written analyses of Source Materials (GFI 6.1.10) concerning system performance relative to tactical, environmental, operational, and training techniques. Based on these analyses, the contractor shall recommend changes in operational and systems employment techniques, which are contained in Operating Guidelines (GFI 6.1.1), Training Materials (GFI 6.1.2) and Source Materials (GFI 6.1.10), such as Fleet Exercise Reports (GFI 6.1.11). The contractor shall deliver the analyses in accordance with Schedule (GFI 6.1.9).

Deliverable: The contractor shall deliver the analyses and recommendations in accordance with CDRL A001.

Performance Standard: Deliverables are accurate and complete. All elements that make up the particular system under analysis are addressed, clear and detail any inter-relationships.

4.1.2 Engineering Change Proposals (ECPs) Impact Analysis

The contractor shall prepare written analyses of Engineering Change Proposals (ECP's) (GFI 6.1.12), that determine the impact on system/suite operation and/or performance. Areas to be evaluated include determining the engineering change cost impact.

The contractor shall document the impact of ECP's on system suite Operating Guidelines (GFI 6.1.1) and training materials. The

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 20 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

contractor shall then make recommendations for changes in operational techniques and systems employment in accordance with the latest revisions of the Standard Operating Procedures for Life Cycle Maintenance (LCM) (GFI 6.1.13) or other applicable LCM Documentation (GFI 6.1.14). In order to perform this task, the contractor may have to travel to various Government and contractor labs and have access to Government computer facilities or Navy Vessels. The contractor shall deliver the analyses in accordance with Schedule (GFI 6.1.9).

Deliverable: The contractor shall deliver the analyses, impacts and recommendations along with the details of the travel performed in accordance with CDRL A001.

Performance Standard: Deliverables are accurate and complete. All elements that make up the particular change are addressed. The impact of the change and its severity is accurately identified.

4.1.3 Functional Task Analyses

The contractor shall develop or revise Functional Task Analyses (GFI 6.1.15) in order to support system improvements, upgrades, and new capabilities, as detailed in Technical Specifications and Manuals (GFI 6.1.16). The Functional Task Analyses shall describe watch-station tasks, responsibilities, and interrelationships. The contractor shall deliver the analyses in accordance with Schedule (GFI 6.1.9).

Deliverable: The contractor shall deliver the revised Functional Task Analyses in accordance with CDRL A001.

Performance Standard: Deliverables are accurate and complete by identifying new and revised functional tasks. All functional elements that make up a particular system are clearly defined and detail functional accuracy, responsibilities, and interrelationships.

4.1.4 Operating Guidelines Development Analysis

The contractor shall analyze Technical Specifications and Manuals (GFI 6.1.16), Naval Warfare Publications, (NWP) (GFI 6.1.17), Defense Scientific and Technical (DST) Publications (GFI 6.1.18), Fleet Exercise Publications (FXPs) (GFI 6.1.19), Allied Tactical Publications (ATPs) (GFI 6.1.20), Naval Technical Intelligence Center (NTIC) Publications (GFI 6.1.21), Development Specifications (GFI 6.1.22), Production Specifications (GFI 6.1.23), Class Combat Systems Doctrines (GFI 6.1.24) and Operating Guidelines (GFI 6.1.1), in order to develop detailed written outlines that support development of Operating Guidelines. The outlines shall describe the intended purpose of the document and provide an organization of the document in order to describe the content of the document. The contractor shall deliver the analyses in accordance with Schedule (GFI 6.1.9).

Deliverable: The contractor shall deliver the outline analyses, impacts and recommendations in accordance with CDRL A001.

Performance Standard: Deliverables are accurate and complete by identifying all functional elements that make up a particular system. The functions are clearly defined and detail functional accuracy, responsibilities, and interrelationships.

4.1.5 Operating Guidelines Development

The contractor shall develop written Operating Guidelines from detailed NUWCDIVNPT approved Outlines and Documentation (GFI 6.1.25) and in accordance with Program Schedules (GFI 6.1.9). In the case where Operating Guidelines (GFI 6.1.1) already exist and only changes are warranted, the contractor shall update the Operating Guideline (GFI 6.1.1). The format shall be in accordance with NTSA ED-10-1(GFI 6.1.4), NUWCDIVNPT Security Requirements (GFI 6.1.6), and NUWCDIVNPT Surface ASW Combat Systems Operating Guidelines Style Guide (GFI 6.1.27). Access to the NUWCDIVNPT Program Lab Facilities (GFF) shall be required for the performance of this task. Use of a Computer (GFE) may be required for this task.

Deliverable: The contractor shall deliver the Operating Guidelines in accordance with CDRL A002.

Performance Standard: Deliverables are accurate and complete. All elements that make up an Operating Guideline are addressed. The functions are clearly defined and detail functional accuracy, responsibilities, and interrelationships. The document format follows prescribed requirements.

4.1.6 Equipment, Operation & Fleet Compliance Analysis

The contractor shall review existing Operating Guidelines (GFI 6.1.1), Operator Handbooks (GFI 6.1.29), and/or Training Materials (GFI 6.1.2), for the purpose of preparing written analyses that document their compliance with present System Equipment Capabilities (GFI 6.1.30), System Operational Capabilities (GFI 6.1.31), and Fleet Requirements (GFI 6.1.32). Documents also shall be reviewed for adherence to format, clarity, brevity, and consistency with existing Operating Guidelines (GFI 6.1.1). In order to perform this task the contractor may have to travel to various Government and contractor labs and have access to Government computer facilities (GFF). The contractor shall deliver the analyses in accordance with Schedule (GFI 6.1.9).

Deliverable: The contractor shall deliver the analyses along with the details of the travel performed in accordance with CDRL A001.

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 21 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Performance Standard: Deliverables are accurate and complete, and are consistent in both element and format. The functions are clearly defined and detail functional accuracy, responsibilities, and interrelationships.

4.2 TRAINING MATERIALS & COURSE DEVELOPMENT

The contractor shall research source materials and develop training materials for USW, ASW and SONAR systems/suites and support equipment. The contractor shall develop and/or revise training materials Requirements Changes (GFI 6.1.33). The contractor shall glean system data from Government furnished source materials, such as Equipment Specifications (GFI 6.1.34), Operating Guidelines (GFI 6.1.1), and Technical Manuals (GFI 6.1.38).

4.2.1 Operational Briefing & Training Material Development

The contractor shall research Technical Manuals (GFI 6.1.38), Naval Warfare Publications (GFI 6.1.17), Operating Guidelines (GFI 6.1.1), and Personnel Performance Profile (PPP) Tables (GFI 6.1.35), in order to develop operational briefing and training materials using either standard commercial practices or formal Instructional System Development (ISD) approaches such as NAV-ED-TRA-110A. Materials to be developed include slides for lectures, instructor guides, student guides, laboratory guides, worksheets, workshop exercises, and evaluation materials (student and instructor). Training materials may be used for shipboard briefings, at sea exercises, shore based instruction at training commands, or program reviews in accordance with Schedules (GFI 6.1.9). Training materials may include Computer-Aided Instruction (CAI), video tape, film, and software programs designed for instructional purposes. In order to perform this task the contractor may have to travel to various Government and contractor labs and have access to Government Computer Facilities (GFF) or Navy Vessels. The contractor may have to develop Government approved Surveys when already approved Surveys are unavailable. Upon completion of Training the contractor shall disseminate the Survey to the Training participants in order to obtain an assessment of the training.

Deliverable: The contractor shall deliver Operational Briefings and Training Materials in accordance with CDRL A003. The contractor shall deliver the approved Survey and Evaluations in accordance with CDRL A004.

Performance Standard: Deliverables are accurate, complete and the brief or training material has a chronological flow. The functions are clearly defined and detail functional accuracy, responsibilities, and interrelationships.

4.2.2 Training Exercise Scenario Development

The contractor shall research Technical Manuals (GFI 6.1.38), Naval Warfare Publications (GFI 6.1.17), and Operating Guidelines (GFI 6.1.1) in order to develop training exercise scenarios for use at sea or ashore in accordance with Fleet Exercise Schedules (GFI 6.1.36). Exercise scenarios shall contain information such as purpose, description, training objectives, requirements, procedures, and relative motion or geographic plots for each exercise. When used at sea, the exercise may require dedicated target services. Ashore exercises may be in system-specific or generic trainers. In order to perform this task the contractor may have to travel to various Government and contractor labs and have access to Government computer facilities (GFF) or Navy Vessels.

Deliverable: The contractor shall deliver the Training Exercise Scenarios in accordance with CDRL A005.

Performance Standard: Training Exercise Scenario deliverables have a clear format. The scenario is broad enough to encompass the major functions of a particular system. They are clearly defined and detail functional accuracy, responsibilities, interrelationships, and performance assessment criteria.

4.2.3 Training Course Plan Preparation

The contractor shall prepare training plans that provide information such as background, training concept, program overviews, required types of training materials, and milestones in the training materials development. Source materials shall include existing Navy Training Plans (GFI 6.1.37), Technical Manuals (GFI 6.1.38), Operating Guidelines (GFI 6.1.1), and Personnel Performance Profile (PPP) Tables (GFI 6.1.35). Deliverables are due in accordance with Program Schedules (GFI 6.1.9).

Deliverable: The contractor shall deliver the Training Course Plans in accordance with CDRL A006.

Performance Standard: Training Course Plan deliverables are accurate, complete with a clear format. The plan encompasses all of the major elements of the particular system. They are clearly defined and detail functional accuracy, responsibilities, and interrelationships.

4.3 COURSE INSTRUCTION

The contractor shall perform course instruction using Training Materials (GFI 6.1.2). Location of the training may be ashore, aboard ship at dockside, or at sea. For shore based training such as factory training, the contractor shall summarize training effectiveness. Any suggestions for training improvements, and other lessons learned shall be detailed in a training completion report found in the Trip Report. The results of training visits to the Fleet shall also be summarized in a trip report in accordance with Fleet Training Schedules (GFI 6.1.39). The contractor may have to develop Government approved Surveys when already approved Surveys are unavailable. Upon completion of Training the contractor shall disseminate the Survey to the Training participants in order to obtain an assessment of the training.

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 22 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Deliverable: The contractor shall deliver the results of the trip in accordance with CDRL A007. The contractor shall deliver the surveys in accordance with CDRL A004.

Performance Standard: Deliverables are accurate, complete and easy to understand. The course and training material format are clear. The course clearly defines and details functional accuracy, responsibilities, and interrelationships.

4.4 COMPUTER-BASED TRAINING DEVELOPMENT & SOFTWARE DELIVERY

The contractor shall develop Course Instruction in an Integrated Learning Environment (ILE) in accordance with ISO 14001a. In some cases the Training may already be developed in a different format (Training Scenarios & Material GFI 6.1.40 & 6.1.2) and needs to be transitioned over to an ILE environment. The contractor shall prepare a written analysis on training that is to be performed in this type of environment in order to ascertain if it is applicable for an ILE Environment. Upon Government approval, the contractor is to proceed with the development. The Government will provide the Training Mechanism (GFI 6.1.44) in which the course is to be delivered (Web Based or Disk Format). In the case where copyrighted material is used for the ILE development the contractor is to document the details. The development and delivery of the ILE Training is detailed in specific Program Schedules (GFI 6.1.9).

Deliverable: The contractor shall deliver the ILE Applicability Analysis in accordance with CDRL A001. The contractor shall deliver the ILE Training in accordance with CDRL A008. ILE Environment containing copyrighted material shall deliver the details in accordance with CDRL A009.

Performance Standard: Integrated Learning Environment (ILE) deliverables are clear and have a chronological flow so as to guide the individual through a step-by-step process. The course and training material format are clear. The course clearly defines and details functional accuracy, responsibilities, and interrelationships and is easy to understand.

4.5 TECHNICAL PROBLEM RESOLUTION

The contractor shall research, evaluate, and make recommendations on technical problems and approaches in support of operating guidelines and training in accordance with Navy Training Plans (GFI 6.1.37). In order to perform this task the contractor may have to travel to various Government and contractor labs and have access to Government computer facilities (GFF).

4.5.1 Environmental Acoustics Evaluation Findings

The contractor shall evaluate findings in environmental acoustics for advanced and/or operational systems relating to Surface and Undersea Warfare disciplines and ASW disciplines. Sources include Fleet Exercise Publications (FXP) (GFI 6.1.19), Navy Technical Intelligence Command (NTIC) Publications (GFI 6.1.21), Allied Tactical Publications (GFI 6.1.20), and Industry Acoustic Research Technical Publications. The analyses of the findings are to be delivered in accordance with Program Schedules (GFI 6.1.9).

Deliverable: The contractor shall deliver a report on the analysis of the findings in accordance with CDRL A001.

Performance Standard: Deliverables are accurate and complete detailing all acoustical elements for a particular system.

4.5.2 Performance Analyses, Trade-off Analyses, and Theoretical Investigations

The contractor shall develop written performance analyses, trade-off analyses, and theoretical investigations reports in order to resolve system and subsystems problems. The contractor shall use information obtained from Fleet Exercise Publications (FXP) (GFI 6.1.19), Naval Technical Intelligence Command (NTIC) Publications (GFI 6.1.21), Allied Tactical Publications (GFI 6.1.43), Technical Manuals (GFI 6.1.39), Operating Guidelines (GFI 6.1.1), Government Publications (GFI 6.1.20) and Industry Technical Publications (GFI 6.1.42) in order to perform this task. The analysis reports are to be delivered in accordance with Program Schedules (GFI 6.1.9).

Deliverable: The contractor shall deliver the performance analysis reports in accordance with CDRL A001.

Performance Standard: Deliverables are accurate and complete detailing all elements for the particular system.

4.5.3 Training Equipment Problem Resolution, Assembly and/or Fabrication

The contractor shall research Equipment Specifications (GFI 6.1.34), evaluate both Government and Industry Standard Equipment Capabilities and then prepare written findings of alternative solutions to training equipment problems. Should equipment be needed, the contractor shall identify the hardware configurations and components needed to fulfill training requirements. The training equipment to be evaluated may be signal processing, video, computer, or other electronic equipment. Upon Government approval, the contractor shall then assemble and/or fabricate prototype training aids and training equipment. The contractor shall deliver the prototype training equipment for test and evaluation in accordance with Government Standards and Specifications (GFI 6.1.43). A Government computer may be provided as GFE or as GFM in performance of this task. The delivery of the analysis and resolution shall be in accordance with Program Schedules (GFI 6.1.9).

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 23 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Deliverable: The contractor shall deliver the findings in accordance with CDRL A001. Training Equipment is to be delivered by DD-250. Step-by-step details of the assembly and fabrication shall be delivered in accordance with CDRL A001.

Performance Standard: Deliverables are accurate and complete, detailing all problems and assembly aspects of the system. Successful hardware development is measured by the success of the testing, ease of use, mean time between failures, and its connectivity (if any interfacing between systems is required).

4.6 INFORMATION & TRAINING TECHNOLOGIES SUPPORT

The contractor shall perform services for the development of non-traditional operating guidelines and training technologies that support new and/or operational systems. Examples include computer-based interactive operating guidelines, automated operational decision making aids, and multi-media training systems. Development services may include: analyses, recommendations, design, development, installation, modification, and maintenance of hardware, firmware, and software designs for non-traditional operating guidelines, training systems and support systems. Such services shall include trade-off analyses, evaluation of state-of-art technology, system integration, interface design and implementation, installation services, and maintenance of selected systems and equipment.

4.6.1 Computer-Based Technologies Evaluation

The contractor shall evaluate potential use of industry computer-based technologies (Courseware Design Strategy) in support of the operating guidelines function. The contractor shall evaluate commercially available hardware and software that is capable of supporting Operating Guidelines (GFI 6.1.1) delivery. The contractor shall assess computer based operating guidelines development requirements and provide written recommendations of firmware, software and plans for implementation of a computer based operating guidelines system. In cases where COTS Hardware or Software is not viable the contractor may need to develop or may be provided GFE or GFM in order to accomplish this task. In order to perform this task the contractor may have to travel to various Government and contractor labs and have access to Government Computer and Mockup Facilities (GFF) in accordance with Schedules (GFI 6.1.9).

Deliverable: The contractor shall deliver the recommendations as an Analysis Report including all details of travel performed in accordance with CDRL A00A.

Performance Standard: Deliverables are accurate, complete and in accordance with industry technology. Successful implementation of the hardware is measured by the ease of use, mean time between failures, and its connectivity (if any interfacing between systems is required). The details all discussions with necessary individuals are included to expose any compliance issues uncovered during travel.

4.6.2 Operator Knowledge-Based Skill Requirements Assessment

Using Personnel Performance Profile (PPP) Tables (GFI 6.1.35), Production Specifications (GFI 6.1.23), Technical Manuals (GFI 6.1.38), and Operating Guidelines (GFI 6.1.1) the contractor shall prepare written analyses on operator knowledge/skills requirements. Based on these analyses the contractor shall evaluate the potential of knowledge-Based Systems or other computer based software for simplification of operator/machine interface procedures and reduction of operation training requirements. The contractor may also need to investigate the applicability of training in an Integrated Learning Environment (ILE). In order to perform this task the contractor may have to travel to various Government and contractor labs and have access to Government Computer and Mockup Facilities (GFF). The assessments are to be delivered in accordance with Program Schedules (GFI 6.1.9).

Deliverable: The contractor shall deliver the assessments as an Analysis Report including all details of travel performed in accordance with CDRL A00B.

Performance Standard: Deliverables are accurate and complete with respect to operator skills. Successful implementation is measured by ease of use. The details all discussions with necessary individuals are included to expose any compliance issues uncovered during travel.

4.6.3 Computer-Based Ship Board Training Assessment

The contractor shall evaluate potential use of Computer-Based Industry Standard Technologies in support of shipboard training. The contractor shall assess Computer-Based Training Requirements and submit written recommendations for Computer-Based Training for advance and/or operational systems. In order to perform this task the contractor may have to travel to various Government and contractor labs and have access to Government Computer and Mockup Facilities (GFF). The recommendations analyses are to be delivered in accordance with Program Schedules (GFI 6.1.9).

Deliverable: The contractor shall deliver the recommendations as an Analysis Report including all details of travel performed in accordance with CDRL A00A.

Performance Standard: Deliverables are accurate and complete. Successful recommendations simplify and chronologically lay out the training requirements.

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 24 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

4.6.4 Installation, Upgrades and Troubleshooting

The contractor shall provide installation and troubleshooting services of developmental computer based operating guidelines systems and training devices using Technical Manuals (GFI 6.1.38) and Equipment Specifications (GFI 6.1.34). This work consists of troubleshooting, repair or replacement of defective components, and maintenance of selected spare components. This activity requires the contractor to fill out a Troubleshoot Report (GFI 6.1.45) for every incident. The contractor shall also maintain a history (compilation of Troubleshoot Reports) of all repairs performed in order to be able to ascertain the systems in constant need of repair and recommend replacement or changes. In order to perform this task the contractor may have to travel to various Government and contractor labs and have access to Government computer facilities. The contractor shall detail each Installation, Upgrade or Troubleshoot as its own report in accordance with Schedules (GFI 6.1.9).

Deliverable: The contractor shall deliver the results of the installation and recommendation of replacement or change in accordance with CDRL A001. The contractor shall also deliver the completed Troubleshoot Reports (GFI 6.1.45) and the History detailing the problem, the recommendation for method of repair and parts replaced in accordance with CDRL A00C.

Performance Standard: Deliverables fully detail how to troubleshoot, repair or replace the system or devise. Documentation is accurate and complete detailing all aspects of the maintenance performed. Successful recommendations are those that save out year costs and reduce Mean Time Between Failures (MTBF).

4.6.5 SOFTWARE DEVELOPMENT PLAN

The contractor shall develop a Software Development Plan in accordance with IEEE/EIA Std. 12207 standard. In some cases the contractor may have to update a Software Development Plan (GFI) based on changes that are to be incorporated in to a particular system through Specification Changes, ECP and Conversion Requirements (All GFI).

Deliverable: The contractor shall deliver the Software Development Plan and updates in accordance with CDRL A00D.

Performance Standard: Deliverables contain the elements necessary to produce a complete Software Development Plan. Changes to a Software Development Plan are clear and concise and follow Industry Standards.

5.0 Periodic Progress Reports

The contractor shall deliver monthly cost and performance reports in accordance with the basic contract Clause C16 COST AND PERFORMANCE REPORTING (MAY 2001).

6.0 GOVERNMENT FURNISHED INFORMATION (GFI)

- 6.1.1) Operating Guidelines
- 6.1.2) Training Materials
- 6.1.3) Technical Document Requirements
- 6.1.4) NTSA ED-10-1
- 6.1.5) Training Schedules
- 6.1.6) Security Requirements
- 6.1.7) System Specifications and Requirements
- 6.1.8) Operating Guidelines & Style Guide
- 6.1.9) Schedules (Program, Training & Ship)
- 6.1.10) Source Materials
- 6.1.11) Fleet Exercise Reports
- 6.1.12) Engineering Change Proposals (ECP's)
- 6.1.13) Standard Operating Procedures for Life Cycle Maintenance (LCM)
- 6.1.14) LCM Documentation
- 6.1.15) Functional Task Analyses
- 6.1.16) Technical Specifications and Manuals
- 6.1.17) Naval Warfare Publications, (NWPs)
- 6.1.18) Defense Scientific and Technical (DST) Publications
- 6.1.19) Fleet Exercise Publications (FXPs)
- 6.1.20) Allied Tactical Publications (ATPs)
- 6.1.21) Naval Technical Intelligence Center (NTIC) Publications
- 6.1.22) Development Specifications
- 6.1.23) Production Specifications
- 6.1.24) Class Combat Systems Doctrines
- 6.1.25) Outlines and Documentation
- 6.1.26) NUWC DIVNPT Security Requirements
- 6.1.27) NUWC DIVNPT Surface ASW Combat Systems Operating Guidelines Style Guide
- 6.1.28) NUWC DIVNPT Program Lab Facilities
- 6.1.29) Operator Handbooks

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 25 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

- 6.1.30) System Equipment Capabilities
- 6.1.31) System Operational Capabilities
- 6.1.32) Fleet Requirements
- 6.1.33) Requirements Changes
- 6.1.34) Equipment Specifications
- 6.1.35) Personnel Performance Profile (PPP) Tables
- 6.1.36) Fleet Exercise Schedules
- 6.1.37) Navy Training Plans
- 6.1.38) Technical Manuals
- 6.1.39) Fleet Training Schedules
- 6.1.40) Training Scenarios
- 6.1.41) Government Publications
- 6.1.42) Industry Technical Publications
- 6.1.43) Standards and Specifications
- 6.1.44) Training Mechanism
- 6.1.45) Troubleshoot Report

7.0 QUALITY SURVEILLANCE & PERFORMANCE STANDARDS (Performance Based SOW)

The Government will conduct quality surveillance via various methods including formal and informal meetings, review of technical reports, review of monthly progress reports, and review of deliverables.

Contractor performance will be evaluated in the areas of technical quality, responsiveness, timeliness and cost. Technical quality will be evaluated against the performance standards defined in [specific standards identified in task paragraphs]. Responsiveness will be evaluated based upon the Government's experience interacting with the contractor during performance. Timeliness will be evaluated based on the contractor's ability to meet CDRL schedules with minimal variance. Cost will be evaluated based upon the contractor's ability to manage to the negotiated costs.

C16S COST AND PERFORMANCE REPORTING (NOV 2011)

(a) The Contractor agrees to upload the Contractor's Funds and Man-hour Expenditure Reports in the Electronic Cost Reporting and Financial Tracking (eCRAFT) System and submit the Contractor's Performance Report on the day and for the same timeframe the contractor submits an invoice into Wide Area Workflow (WAWF). Compliance with this requirement is a material requirement of this contract. Failure to comply with this requirement may result in contract termination.

(b) The Contractor's Funds and Man-hour Expenditure Report reports contractor expenditures for labor, materials, travel, subcontractor usage, and other contract charges.

(c) The Contractor's Performance Report indicates the progress of work and the status of the program and of all assigned tasks. It informs the Government of existing or potential problem areas.

(1) Access:

a) eCRAFT: Reports are uploaded through the Electronic Cost Reporting and Financial Tracking (eCRAFT) System Periodic Report Utility (EPRU). The EPRU spreadsheet and user manual can be obtained at: <http://www.navsea.navy.mil/nuwc/newport/contracts/default.aspx> under eCRAFT information. The eCRAFT e-mail address for report submission is: Ecrafft.nuwc.npt.fct@navy.mil. If you have problems uploading reports, please see the Frequently Asked Questions at the site address above.

b) WAWF: See Clause HQ G-2-0007.

(2) Format.

a) eCRAFT: Data shall be reported in a format acceptable to the Electronic Cost Reporting and Financial Tracking System (eCraft) as defined in the EPRU manual.

b) Contractor's Performance Report: The pages shall be sequentially numbered. All attachments shall be identified and referenced in the text of the report. The report shall be prepared in the contractor's format and shall be legible and suitable for reproduction. Electronic submission is mandatory.

(3) Scope and Content. Costs incurred under this contract/task order are to be segregated at the lowest level of performance, either task, subtask or Technical Instruction (TI), rather than on a total task contract/order basis.

a) eCRAFT: Supporting documentation in eCRAFT shall include summaries of work charged during the period covered.

b) Contractor's Performance Report:

(i) Provide a front cover sheet that indicates the contractor's name and address, the contract number, the system or program nomenclature, the report date, the reporting period, the report title and a serial number for the report, the security classification, the name and address of the person who prepared the report, and the name of the issuing Government activity (Naval Undersea

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 26 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Warfare Center Division, Newport).

(ii) Report contract schedule status. Describe the progress made against milestones during the reporting period.

(iii) Report any significant changes to the contractor's organization or methods of operation, to the project management network, or to the milestone chart, including the addition/deletion of any subcontractors and key personnel

(iv) Report problem areas affecting technical, scheduling, or cost elements. Provide background and recommendations for solutions. Report results (positive or negative) obtained related to previously identified problem areas, with conclusions and recommendations.

(v) Report all trips and significant results. This shall be a full breakdown, including locations, names of the people who travelled, and costs.

(vi) Report all significant communications and any commitments made thereby. Include all non-contractual communications, such as technical instructions, e-mails, telephone conversations, etc.

(vii) Report Engineering Change Proposal (ECP) status. Identify all ECPs by status, i.e., proposed, approved and implemented.

(viii) Report plans for activities during the following reporting period.

(ix) Include appendices for any necessary tables, references, photographs, illustrations, charts, etc.

(4) Submission and Approval.

a) The contractor shall submit their reports on the same day and for the same timeframe the contractor submits an invoice into WAWF. The amounts shall be same. eCRAFT Approval will be indicated by e-mail notification from eCraft.

b) Distribution Statement. Distribution Statement B: Distribution to U.S. Government agencies only; Proprietary Information; (date data generated). Other requests for this document shall be referred to NUWC DIVNPT Code 59.

(d) The contractor shall not provide other funds, man-hour, or status reporting without the prior written approval of the contracting officer.

C25S ACCESS TO GOVERNMENT SITE (OCT 2009)

(a) Contractor personnel shall comply with all current badging and security procedures required to gain access to any Government site. Access to Naval Undersea Warfare Center Division, Newport sites may only be gained by obtaining a badge (either permanent or temporary) from the security office. Compliance with SECNAV M-5510.30, Section 9-20, FACILITY ACCESS DETERMINATION (FAD) PROGRAM is specifically required. Badges shall be issued only after completion of SF85P available at: <http://www.opm.gov/forms/index.asp>

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

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

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

(b) The contractor shall ensure that each contractor employee reads the pamphlet entitled, "Occupational Safety and Health Information for Contractors" prior to commencing performance at any NUWC DIVNPT site. This document is available under "Contractor Info" at: <http://www.navsea.navy.mil/nuwc/newport/docs/Forms/AllItems.aspx>

(c) The contractor shall ensure that each contractor employee reads the document entitled, "NUWC Environmental Policy" prior to commencing performance at any NUWC DIVNPT site. This document is available at: http://www.navsea.navy.mil/nuwc/newport/docs/EMS_EnvPolicy1.pdf

(d) The contractor shall ensure that each contractor employee who is resident at any NUWC DIVNPT site completes ISO 14001 Awareness training within 30 days of commencing performance at that site. This training is available on the ISO 14001 webpage on the NUWC DIVNPT Intranet and is also available on the NUWC Division Newport Internet site. This document is available at: http://www.navsea.navy.mil/nuwc/newport/docs/External ISO14001_2009 Training.pdf

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

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

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 27 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

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

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

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

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

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

C33S MERCURY EXCLUSION – B (JUL 2006)

The supplies furnished under this task order shall be free from mercury contamination (i.e., during the manufacturing process, tests or inspections), in accordance with NAVSEA INSTRUCTION 5100.3D. The supplies offered shall not (1) have mercury or mercury containing compounds intentionally added or (2) come in direct contact with mercury or any of its compounds nor with any mercury containing devices employing only a single boundary of containment. (A single boundary of containment is one which is not backed by a second seal or barrier to prevent contamination in event of rupture of the primary seal or barrier).

C55S Software Development Requirements (NAVSEA) (DEC 2006)

(a) The contractor shall define a general Software Development Plan (SDP) appropriate for the computer software effort to be performed under this contract. The SDP shall, at a minimum:

- (1) Define the contractor's proposed life cycle model and the processes used as a part of that model. In this context, the term "life cycle model" is as defined in IEEE/EIA Std. 12207.0;
- (2) Contain the information defined by IEEE/EIA Std. 12207.1, section 5.2.1 (generic content) and the Plans and Procedures in Table 1 of IEEE/EIA Std. 12207.1. In all cases, the level of detail shall be sufficient to define all software development processes, activities, and tasks to be conducted;
- (3) Identify the specific standards, methods, tools, actions, strategies, and responsibilities associated with development and qualification;
- (4) Document all processes applicable to the system to be acquired, including the Primary, Supporting, and Organizational life cycle processes as defined by IEEE/EIA Std. 12207 as appropriate. Such processes shall be equivalent to those articulated by CMMI@;
- (5) Include the content defined by all information items listed in Table 1 of IEEE/EIA Std. 12207.1, as appropriate for the system and be consistent with the processes proposed by the developers;
- (6) Adhere to the characteristics defined in section 4.2.3 of IEEE/EIA Std. 12207, as appropriate;
- (7) Describe the overall life cycle and include primary, supporting, and organizational processes based on the work content of this contract;
- (8) Be in accordance with the framework defined in IEEE/EIA Std. 12207.0, including, but not limited to, defining the processes, the activities to be performed as a part of the processes, the tasks which support the activities, and the techniques and tools to be used to perform the tasks;
- (9) Contain a level of information sufficient to allow the use of the SDP as the full guidance for the developers. In accordance with section 6.5.3a of IEEE/EIA Std. 12207.1, such information shall at a minimum contain, specific standards, methods, tools, actions, reuse strategy, and responsibility associated with the development and qualification of all requirements, including safety and security.

(b) The SDP shall be delivered to the Government for concurrence under CDRL A00D and shall not vary significantly from that proposed to the Government for evaluation for award. The contractor shall follow the Government concurred with SDP for all computer software to be developed or maintained under this effort. Any changes, modifications, additions or substitutions to the SDP also require prior Government concurrence.

C56S ACCESSIBILITY OF ELECTRONIC AND INFORMATION TECHNOLOGY (MAR 2010)

(a) Each Electronic and Information Technology (EIT) item or service provided under this order shall comply with the EIT Accessibility Standards listed below:

- 36 C.F.R. § 1194.21 - Software applications and operating systems
- 36 C.F.R. § 1194.22 - Web-based and internet information and applications
- 36 C.F.R. § 1194.23 - Telecommunications products
- 36 C.F.R. § 1194.24 - Video and multimedia products
- 36 C.F.R. § 1194.25 - Self contained, closed products
- 36 C.F.R. § 1194.26 - Desktop and portable computers
- 36 C.F.R. § 1194.31 - Functional Performance Criteria
- 36 C.F.R. § 1194.41 – Information, Documentation, and Support

(b) The Contractor shall provide a Voluntary Product Accessibility Template (VPAT) for items or a Government Product/Service Accessibility Template (GPAT) for service to document compliance with the indicated Section 508 Standards.

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 28 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Please refer to <http://www.itic.org/index.php?submenu=Resources&submenu=Resources&src=gendocs&ref=vpat&category=resources> or <http://www.buyaccessible.gov/> for more information on VPATs and GPATs or contact <http://www.access-board.gov/contact.htm> or www.gsa.gov/section508

(c) The Contractor shall comply with the VPAT or GPAT document submitted. If the Contracting Officer determines that any item or service delivered under this order does not comply with the EIT Accessibility Standards, the Contracting Officer will notify the Contractor in writing accordingly. If the Contractor fails to promptly correct or replace the nonconforming products or services with conforming products or services within the delivery schedule contained in the order, the Government will have the rights and remedies contained in the basic contract.

C63S ORGANIZATIONAL CONFLICT OF INTEREST - FAR 9.505-3

(a) In accordance with FAR 9.505-3; whereas this task order provides for the technical evaluation of other Contractors' products or services or provides for the furnishing of management support services, the Contractor agrees that it shall not furnish to the United States Government, either as a prime contractor, as a subcontractor, or as a consultant to a prime contractor or subcontractor, any system, subsystem or component which is the subject of work under this contract, except that it may, under the circumstances stated in paragraph (e) below, participate in related Integrated Product Teams (IPT's). This prohibition is effective during the term of the task order and extends for a period of 1 year after the term of this task order.

(b) The Contractor further agrees that its employees, agents or subcontractors shall not disclose to any individual, company or Government representative* any information relating to current or proposed Government budgetary information, acquisition planning or acquisition actions, obtained either directly or indirectly as a result of the effort performed under this task order, unless so directed by the Contracting Officer. The Contractor also agrees that it shall promptly notify the Contracting Officer of any attempt by an individual, company or Government representative* to gain access to such information. Such notification shall include the name and organization, if available, of the individual, company or Government representative seeking access to such information.

(c) For the purpose of this clause, the term "Contractor" means the Contractor, its subsidiaries and affiliates, joint ventures involving the Contractor, any entity with which the Contractor may hereafter merge or affiliate, and any other successor of the Contractor.

(d) Any subcontractor which performs any work relative to this task order shall be subject to this clause. The Contractor shall include these provisions in all subcontracts and shall substitute "subcontractor" for "contractor" where appropriate.

(e) If the contractor is tasked by NUWC to participate in an IPT related to any system, subsystem or component which is the subject of work under this task order, the contractor may participate without the need for any notification to the Contracting Officer. If the contractor is tasked by some other Government office to participate in an IPT related to any system, subsystem or component which is the subject of work under this task order, the contractor may participate without advance approval but shall notify the Contracting Officer within 5 calendar days of the request. If the contractor is tasked by a non-Government entity (e.g. another contractor) to participate in an IPT related to any system, subsystem or component which is the subject of work under this task order, the contractor shall not begin work on the IPT task without obtaining authorization from the Contracting Officer of this task order. The contractor shall notify the Contracting Officer of this task order in writing, describing the IPT effort, listing the probable participants, providing a justification for the contractor's participation, and describing the safeguards which will be established to ensure the contractor's objectivity for this task order. Within 15 days of receiving the notification, the Contracting Officer will consider whether the contractor's objectivity will be affected and will issue a determination to the contractor.

(f) The Contractor certifies and warrants that to the best of its knowledge and belief the contractor does not have any organizational conflict of interest as defined in paragraph (a). The contractor shall inform all employees, subcontractors, consultants, and agents involved in the performance of this task order of the provisions of this clause.

(g) In the event the Contractor, or any of its employees, agents or subcontractors fails to comply with the provisions of this clause, such noncompliance shall be deemed a material breach of the contract for which the Government reserves the right to terminate the task order for default and/or resort to such other rights and remedies as provided for under this task order and under the Federal law of contracts. Noncompliance with the provisions of this clause may also adversely affect the determination of contractor responsibility in future Government acquisitions.

(h) If it is in the best interests of the Government, the prohibitions imposed by this clause may be waived by the Head of the Contracting Activity.

* Government Representative is defined as any Government employee, either military or civilian, not directly involved in the effort to be performed under this task order.

C64S ORGANIZATIONAL CONFLICT OF INTEREST - FAR 9.505-4

(a) In accordance with FAR 9.505-4, whereas the statement of work for this task order requires access to proprietary data of other companies the Contractor must agree with the other companies to (1) protect their information from unauthorized use or disclosure for as long as it remains proprietary and (2) refrain from using the information for any purpose other than that for which it was furnished. The Contractor agrees to furnish copies of such agreements to the Contracting Officer before accepting possession of such data. The Contractor further agrees that such proprietary data shall not be used in performing for the Department of Defense additional work in the same field as work performed under this task order if such additional work is procured competitively.

(b) For the purpose of this clause, the term "Contractor" means the Contractor, its subsidiaries and affiliates, joint ventures involving the Contractor, any entity with which the Contractor may hereafter merge or affiliate, and any other successor of the Contractor.

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 29 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

(c) The Contractor shall, within 15 days after the effective date of this task order, provide a written certification to the Contracting Officer that all employees, agents and subcontractors involved in the performance of this task order have been informed of the provisions of this clause.

(d) Any subcontractor which performs any work relative to this task order shall be subject to this clause. The Contractor agrees to place in each subcontract affected by these provisions the necessary language contained in this clause.

(e) The prohibitions imposed by this clause may be waived by the Contracting Officer.

(f) In the event the Contractor, or any of its employees, agents or subcontractors fails to comply with the provisions of this clause, such noncompliance shall be deemed a material breach of contract for which the Government reserves the right to terminate the task order for default and/or resort to such other rights and remedies as provided for under this task order and under the Federal law of contracts. Noncompliance with the provisions of this clause may also adversely affect the determination of Contractor responsibility in future Government acquisitions.

(g) The Government may administratively modify the contract to list agreements between the Contractor and third parties into the task order.

HQ C-2-0004 ACCESS TO THE VESSEL(S) (AT) (NAVSEA) (JAN 1983)

Officers, employees and associates of other prime Contractors with the Government and their subcontractors, shall, as authorized by the Supervisor, have, at all reasonable times, admission to the plant, access to the vessel(s) where and as required, and be permitted, within the plant and on the vessel(s) required, and be permitted, within the plant and on the vessel(s) to perform and fulfill their respective obligations to the Government. The Contractor shall make reasonable arrangements with the Government or Contractors of the Government, as shall have been identified and authorized by the Supervisor to be given admission to the plant and access to the vessel(s) for office space, work areas, storage or shop areas, or other facilities and services, necessary for the performance of the respective responsibilities involved, and reasonable to their performance.

HQ C-2-0005 ACCESS TO VESSELS BY NON-U.S. CITIZENS (NAVSEA) (DEC 2005)

(a) No person not known to be a U.S. citizen shall be eligible for access to naval vessels, work sites and adjacent areas when said vessels are under construction, conversion, overhaul, or repair, except upon a finding by COMNAVSEA or his designated representative that such access should be permitted in the best interest of the United States. The Contractor shall establish procedures to comply with this requirement and NAVSEAINST 5500.3 (series) in effect on the date of this contract or agreement.

(b) If the Contractor desires to employ non-U.S. citizens in the performance of work under this contract or agreement that requires access as specified in paragraph (a) of this requirement, approval must be obtained prior to access for each contract or agreement where such access is required. To request such approval for non-U.S. citizens of friendly countries, the Contractor shall submit to the cognizant Contract Administration Office (CAO), an Access Control Plan (ACP) which shall contain as a minimum, the following information:

(1) Badge or Pass oriented identification, access, and movement control system for non-U.S. citizen employees with the badge or pass to be worn or displayed on outer garments at all times while on the Contractor's facilities and when performing work aboard ship.

(i) Badges must be of such design and appearance that permits easy recognition to facilitate quick and positive identification.

(ii) Access authorization and limitations for the bearer must be clearly established and in accordance with applicable security regulations and instructions.

(iii) A control system, which provides rigid accountability procedures for handling lost, damaged, forgotten or no longer required badges, must be established.

(iv) A badge or pass check must be performed at all points of entry to the Contractor's facilities or by a site supervisor for work performed on vessels outside the Contractor's plant.

(2) Contractor's plan for ascertaining citizenship and for screening employees for security risk.

(3) Data reflecting the number, nationality, and positions held by non-U.S. citizen employees, including procedures to update data as non-U.S. citizen employee data changes, and pass to cognizant CAO.

(4) Contractor's plan for ensuring subcontractor compliance with the provisions of the Contractor's ACP.

(5) These conditions and controls are intended to serve as guidelines representing the minimum requirements of an acceptable ACP. They are not meant to restrict the Contractor in any way from imposing additional controls necessary to tailor these requirements to a specific facility.

(c) To request approval for non-U.S. citizens of hostile and/or communist-controlled countries (listed in Department of Defense Industrial Security Manual, DOD 5220.22-M or available from cognizant CAO), Contractor shall include in the ACP the following employee data: name, place of birth, citizenship (if different from place of birth), date of entry to U.S., extenuating circumstances (if any) concerning immigration to U.S., number of years employed by Contractor, position, and stated intent concerning U.S. citizenship. COMNAVSEA or his designated representative will make individual determinations for desirability of access for the above group. Approval of ACP's for access of non-U.S. citizens of friendly countries will not be delayed for approval of non-U.S. citizens of hostile communist-controlled countries. Until approval is received, Contractor must deny access to vessels for employees who are non-U.S. citizens of hostile and/or communist-controlled countries.

(d) The Contractor shall fully comply with approved ACPs. Noncompliance by the Contractor or subcontractor serves to cancel any authorization previously granted, in which case the Contractor shall be precluded from the continued use of non-U.S. citizens on this contract or agreement until such

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 30 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

time as the compliance with an approved ACP is demonstrated and upon a determination by the CAO that the Government's interests are protected. Further, the Government reserves the right to cancel previously granted authority when such cancellation is determined to be in the Government's best interest. Use of non-U.S. citizens, without an approved ACP or when a previous authorization has been canceled, will be considered a violation of security regulations. Upon confirmation by the CAO of such violation, this contract, agreement or any job order issued under this agreement may be terminated or default in accordance with the clause entitled "DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)" (FAR 52.249-8), "DEFAULT (FIXED-PRICE RESEARCH AND DEVELOPMENT)" (FAR 52.249-9) or "TERMINATION (COST REIMBURSEMENT)" (FAR 52.249-6), as applicable.

(e) Prime Contractors have full responsibility for the proper administration of the approved ACP for all work performed under this contract or agreement, regardless of the location of the vessel, and must ensure compliance by all subcontractors, technical representatives and other persons granted access to U.S. Navy vessels, adjacent areas, and work sites.

(f) In the event the Contractor does not intend to employ non-U.S. citizens in the performance of the work under this contract, but has non-U.S. citizen employees, such employees must be precluded from access to the vessel and its work site and those shops where work on the vessel's equipment is being performed. The ACP must spell out how non-U.S. citizens are excluded from access to contract work areas.

(g) The same restriction as in paragraph (f) above applies to other non-U.S. citizens who have access to the Contractor's facilities (e.g., for accomplishing facility improvements, from foreign crewed vessels within its facility, etc.)

HQ C-2-0012 CONFIGURATION MANAGEMENT (NAVSEA) (APR 2004)

(a) Baseline Definition - For configuration control purposes, all contractual documentation in effect at the time of contract award shall constitute the Contract Baseline which shall be considered incorporated in the baseline documentation.

(b) General Requirement - (1) The Contractor shall maintain a Configuration Control Program to assure that all detail level work being performed under this contract is in compliance with appropriate baseline documentation. The Contractor shall prepare a Configuration Management Plan in accordance with the requirements of the contract for approval by the Government.

(2) Whenever a situation arises wherein the Contractor cannot comply with a baseline document, or whenever intent of such documentation is significantly changed by detail level documentation, the Contractor shall submit change documents to modify baseline documents to resolve the conflict or to allow non-compliance. Whenever the cost of implementing a proposed change is less than the threshold requiring certified cost or pricing data, the Contractor shall provide documentation explaining the nature of related costs as shown on the change document. Whenever the contract cost changes by an amount greater than the threshold requiring certified cost or pricing data, the Contractor shall complete such cost and pricing data as the Contracting Officer shall require detailing all related costs, and attach it to the change document. Requirements for cost and pricing data shall be determined by the gross amount of the change unless otherwise directed by the contracting officer. Change documentation shall be submitted to the Contracting Officer in accordance with the Contract Data Requirements List (CDRL), and as described in paragraphs (c) through (f) below.

(c) Engineering Change Proposals (ECPs) - ECPs shall be prepared in accordance with the approved configuration management plan and the requirements of the contract. DI-CMAN-80639C approved 30 Sep 2000 and MIL-HDBK-61A of 7 Feb 2001 apply. An ECP should be submitted whenever the detail level physical configuration, material quality, operational or functional performance of equipment or installed systems will not be in compliance with baseline design-related documents (Specifications, Contract Drawings, etc.), and a change to the baseline document is considered an appropriate means of resolving a design-related issue. Documentation shall be developed in sufficient detail to enable Government review and evaluation of the merits of the proposed change, including cost and scheduling impact, ship class impact, and consequences if disapproved. All existing drawings and technical manuals impacted by the change shall be listed along with a brief narrative explanation of needed changes to incorporate the ECP if approved. Weight and moment data incidental to the change shall be provided. The Contractor shall also prepare applicable baseline document insert sheets, with specific word changes or proposed re-write, to facilitate baseline documentation changes.

(d) Non-Engineering Change Proposals (NECPs) - An NECP should be submitted whenever necessary to document administrative, procedural, scheduling, or documentation changes that do not directly impact the physical configuration of the equipment. The NECP shall explain the nature of the problem, identify the applicable baseline document (i.e., Contract Data Requirement List (CDRL), Contract Clause, etc.) and provide a detailed explanation justifying the proposed course of action desired to resolve the problem. Insert sheets for applicable documents shall also be attached to facilitate change action in the event the Non-Engineering Change Proposal (NECP) is approved.

(e) Deviations and Waivers - In the event that a baseline design-related document requirement cannot be met, and a change to the baseline document is considered inappropriate, the Contractor shall submit a Request for Deviation (RFD) or Request for Waiver (RFW), as applicable. DI-CMAN-80640C approved 30 Sep 2000 and MIL-HDBK-61A of 7 Feb 2001 apply. The explanation of "need for deviation" should provide detailed justification and consequences of approval, to include technical details explaining the degree of non-compliance or effect on ship equipment or system operation constraints. In a similar manner, a waiver shall document an "as built" configuration that departs from baseline documentation and should include any proposed corrections or modifications to better meet the intent of the baseline document.

(f) Equitable Adjustments for Change Documentation Preparations - For its effort expended in preparing ECPs, NECPs, Deviations and Waivers, the Contractor shall receive equitable adjustment under the following circumstances:

(1) In the event the Contractor, on its own initiative, and without written request from the Contracting Officer, develops a change document that is later disapproved by the Government, the Contractor shall bear the cost of this effort.

(2) To avoid such loss, and at its option, the Contractor may submit a "preliminary" document that outlines intent, but without detailed supporting documentation and request the Contracting Officer's approval for expenditure of effort to complete the detailed supporting documentation. In the event the Contracting Officer denies this request, the Contractor will bear the cost of

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 31 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

development of the "preliminary" document, and shall make no further effort to complete detailed supporting documentation.

(3) In the event the Contracting Officer approves the Contractor's request to develop supporting documentation, the Contractor shall be equitably compensated for its effort for both the "preliminary" and "final" documentation, regardless of whether or not the change document is later approved.

(4) In the event the Contracting Officer requests in writing that the Contractor develop change documentation, the effort expended by the Contractor in developing such documentation shall be subject to equitable adjustment, regardless of whether or not the change document is later approved.

(5) In the event the Contractor, on its own initiative, and without written request from the Government, develops a change document that is later approved by the Contracting Officer, the cost of developing such documentation shall be incorporated in the contract modification that implements the change.

(6) Failure to agree to such equitable adjustment in contract price shall constitute a dispute, and shall be adjudicated in accordance with the requirements of the clause entitled "DISPUTES" (FAR 52.233-1).

(g) Any cost reduction proposal submitted pursuant to the clause entitled "VALUE ENGINEERING" (FAR 52.248-1) shall be submitted as a Code V Engineering Change Proposal (VECP). DI-CMAN-80639C approved 30 Sep 2000 and MIL-HDBK-61A of 7 Feb 2001 apply. Information required by the "VALUE ENGINEERING" clause shall also be submitted as part of the change request.

HQ C-2-0016 DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH STANDARDS FOR SHIP REPAIR (NAVSEA) (SEP 1990)

Attention of the Contractor is directed to the Occupational Safety and Health Act of 1970 (29 USC 651-678), and to the Safety and Health Regulations for Ship Repairing (29 CFR 1915), promulgated under Public Law 85-742, amending Section 41 of the Longshoremen's and Harbor Workers' Compensation Act (33 USC 941), and adopted by the Department of Labor as occupational safety or health standards under Section 6(a) of the Occupational Safety and Health Act of 1970 (See 29 CFR 1910.13). These regulations apply to all ship repair and related work, as defined in the regulations performed under this contract on the navigable waters of the United States including any dry dock and marine railway. Nothing contained in this contract shall be construed as relieving the Contractor from any obligations which it may have for compliance with the aforesaid regulations.

HQ C-2-0018 DISPOSAL OF SCRAP (NAVSEA) (JAN 2008)

(a) All Government scrap resulting from accomplishment of any job order is the property of the Contractor to be disposed as it sees fit. Scrap is defined as property that has no reasonable prospect of being sold except for the recovery value of its basic material content. The determination as to which materials are scrap and which materials are salvage, will be made, or concurred in, by the duly appointed Property Administrator for the cognizant SUPSHIP or RMC Office.

(b) As consideration for retaining the Government's scrap, the Contractor's price for the performance of the work required herein shall be a net price reflecting the value of the Government scrap.

(c) This requirement is not intended to conflict in any way with the clauses of this contract entitled "PERFORMANCE" (DFARS 252.217-7010) or "GOVERNMENT PROPERTY (FIXED PRICE-CONTRACTS)" (FAR 52.245-2) under the Master Contract in effect at the time of job order award, nor does it relieve the Contractor of any other requirement under such clauses.

HQ C-2-0028 GOVERNMENT SURPLUS PROPERTY (NAVSEA) (SEP 1990)

No former Government surplus property or residual inventory resulting from terminated Government contracts shall be furnished under this contract unless (i) such property is identified in the Special Contract Requirements or (ii) is approved in writing by the Contracting Officer. Notwithstanding any such identification in the Special Contract Requirements or approval by the Contracting Officer, the Contractor agrees all items or components described in this requirement shall comply in all respects with the specifications contained herein.

HQ C-2-0045 QUALIFICATION OF CONTRACTOR NONDESTRUCTIVE TESTING (NDT) PERSONNEL (NAVSEA) (APR 2004)

(a) The Contractor and any Nondestructive Testing (NDT) subcontractor shall utilize for the performance of required NDT, only Level I, II and III personnel currently certified in accordance with NAVSEA Technical Publication T9074-AS-GIB-010/271, ACN Notice 1 of 16 Feb 99. Documentation pertaining to the qualification and certification of NDT personnel shall be made available to the Contracting Officer for review upon request.

(b) These requirements do not apply with respect to nuclear propulsion plant systems and other matters under the technical cognizance of SEA 08. Because of health and safety considerations, such matters will continue to be handled as directed by SEA 08.

HQ C-2-0050 SPECIAL AGREEMENT REGARDING SWITCHBOARD SUBCONTRACTS

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 32 of 59	FINAL
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(NAVSEA)(JUN 2000)

(a) The Government has an interest in maintaining a competitive market for switchboards to be used on U.S. Naval vessels. The requirements of 10 U.S.C. 2534 result in a major component of certain switchboards (i.e., air circuit breakers) being available from a single domestic source who is also a competitor for such switchboards. Therefore, the Contractor shall evaluate subcontract proposals for such switchboards exclusive of air circuit breaker content or on some other basis that ensures an equitable switchboard competition.

(b) The Contractor shall, in all cases involving subcontracts which contain air circuit breakers for switchboards, give advance notification to the contracting officer and obtain written consent of the contracting officer prior to placing any such subcontract. Such advance notification shall include the information listed under paragraph (f)(1) of the clause entitled "SUBCONTRACTS" (FAR 52.244-2).

HQ C-2-0051 SPECIFICATIONS AND STANDARDS (NAVSEA) (AUG 1994)

(a) Definitions.

(i) A "zero-tier reference" is a specification, standard, or drawing that is cited in the contract (including its attachments).

(ii) A "first-tier reference" is either: (1) a specification, standard, or drawing cited in a zero-tier reference, or (2) a specification cited in a first-tier drawing.

(b) Requirements.

All zero-tier and first-tier references, as defined above, are mandatory for use. All lower tier references shall be used for guidance only.

HQ C-2-0053 STANDARDIZATION - ALTERNATE I (NAVSEA) (JAN 2008)

Subject to meeting the requirements of the specifications, the Contractor shall utilize equipments and components identical to those of the SSN, SSBN, SSGN Class Ships. Where equipments or components are not available, the Contractor shall select hull, mechanical, and electrical (HM&E) components in the following order:

(a) Equipment which meets the requirements of the specifications and is identical to equipments and components of the SSN, SSBN, SSGN Class Ships.

(b) HM&E equipment that meets the requirement of the specification and which is listed in HM&E Equipment Data Research System (HEDRS) with an Engineering Support Code (ESC) of either A, *, G, S, X, Z, P.

(c) Equipment which meets the requirements of the specifications (non-standard equipment). For this category, Provisioning Technical Documentation shall be submitted in accordance with paragraph (d) below, and the requirements of the Contract Data Requirements List (CDRL), A006 as it applies to SOW para 4.1.3.

(d) For Contractor furnished equipments that meet standardization requirements of paragraph (a) or (b) above, only a Statement of Prior Submission is required. For non-standard equipment, paragraph (c) above, Provisioning Technical Documentation (PTD) shall be developed in accordance with MIL-PRF-49506 dated 11 November 1996, and the Provisioning Requirements Statement.

(e) For non-standard equipment, paragraph (c) above, new/revised Level 3 drawings per MIL-DTL-31000C dated 9 July 2004 shall be developed for new/modified Contractor furnished equipment. In addition, the Contractor shall update applicable Level 3 contract ship construction drawings.

(f) For non-standard equipment, paragraph (c) above, new/revised technical manuals shall be developed in accordance with NAVSEA Standard Items 009-39, 009-41 and 009-42. Technical manual management data shall include those deliverable data items required for Government monitoring/tracking /approval of Contractor's technical manual efforts.

HQ C-2-0059 Updating Specifications and Standards (NAVSEA) (AUG 1994)

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

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 33 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION D PACKAGING AND MARKING

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

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

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

ORDER NUMBER: (from Task Order Block 2)

REQUISITION NUMBER: (from Task Order General Information Section)

D12S MARKING OF SHIPMENTS - DEFENSE ITEMS (JUN 2004)

Marking shall be in accordance with MIL-STD-129, "Marking of Shipment and Storage". Additional markings required are stated below: **If required during performance they will be provided via Technical Instruction**

TCN:

PRI:

RDD:

PROJ:

TO:

OVERSEAS ADDRESS:

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

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

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

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

(d) Release of all technical data is subject to NUWCDIVNPT INSTRUCTION 5570.1H, OPNAVINST 5510.161 and DoD Directive 5230.25 (or appropriate superseding document).

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

Naval Undersea Warfare Center Division, Newport
Contract, Order, and ELIN Numbers
Report Title
Date of Report
Contractor Name (division which generated the report)

(f) Some of the data deliverables under this task order may require additional markings. If this clause is cited in Block 16 of the DD Form 1423, provide the following markings prominently on the cover of the report:

Contractor's Business Address
Task Order Dollar Amount
Sponsor (name, activity, office code, and location). Orders, if applicable, will identify the sponsor.

D24S PROHIBITED PACKING MATERIALS (JUN 2004)

The use of asbestos, excelsior, newspaper or shredded paper (all types including waxed paper, computer paper and similar hygroscopic or non-neutral material) is prohibited. In addition, loose fill polystyrene is prohibited for

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 34 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

shipboard use.

D26S UNPACKING INSTRUCTIONS (JUN 2004)

(a) Location on Container. When practical, one set of the unpacking instructions will be placed in a heavy water-proof envelope prominently marked "UNPACKING INFORMATION" and firmly affixed to the outside of the shipping container in a protected location, preferably between the cleats on the end of the container adjacent to the identification marking. If the instructions cover a set of equipment packed in multiple containers, the instructions will be affixed to the number one container of the set. When the unpacking instructions are too voluminous to be affixed to the exterior of the container, they will be placed inside and directions for locating them will be provided in the envelope marked "UNPACKING INFORMATION".

(b) Marking Containers. When unpacking instructions are provided shipping containers will be stenciled "CAUTION -THIS EQUIPMENT MAY BE SERIOUSLY DAMAGED UNLESS UNPACKING INSTRUCTIONS ARE CAREFULLY FOLLOWED. UNPACKING INSTRUCTIONS ARE LOCATED (state where located)." When practical, this marking will be applied adjacent to the identification marking on the side of the container.

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

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 35 of 59	FINAL
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SECTION E INSPECTION AND ACCEPTANCE

In accordance with Section E of the MAC contract, the following cost reimbursement clauses are hereby incorporated by reference:

FAR:

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

52.246-3 INSPECTION OF SUPPLIES – COST- REIMBURSEMENT (MAY 2001)

52.247-34 F.O.B. DESTINATION (NOV 1991)

DFARS:

252.246-7000 MATERIAL INSPECTION AND RECEIVING REPORT (MAR 2008)

The following clauses are hereby incorporated in full text:

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

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

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

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

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 36 of 59	FINAL
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SECTION F DELIVERABLES OR PERFORMANCE

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

4100	11/22/2010 - 8/15/2011
4110	8/16/2011 - 8/15/2012
4120	8/22/2012 - 8/15/2013
4130	8/16/2013 - 8/15/2014
4200	3/15/2011 - 9/30/2011
4330	12/20/2013 - 9/30/2014
6100	11/22/2010 - 8/15/2011
6110	8/16/2011 - 8/15/2012
6120	8/22/2012 - 8/15/2013
6130	8/16/2013 - 8/15/2014
6200	3/15/2011 - 9/30/2011
6330	12/20/2013 - 9/30/2014

F1S PERIOD OF PERFORMANCE (JUN 2010)

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

CLIN	Funding Type	Base or Option #	Performance Period
4100 & 6100	O&MN,N	Base	11/22/10-08/15/11
4200 & 6200	OPN	Option 1	03/15/11-09/30/11
4300 & 6300	RDT&E	Option 2	01/03/11-09/30/11*
4400 & 6400	FMS	Option 3	01/03/11-09/30/11*
4500 & 6500	SCN	Option 4	01/03/11-09/30/11*
4110 & 6110	O&MN,N	Option 5	8/16/11- 8/15/12
4210 & 6210	OPN	Option 6	10/1/11 - 9/30/12*
4310 & 6310	RDT&E	Option 7	10/1/11 - 9/30/12*
4410 & 6410	FMS	Option 8	10/1/11 - 9/30/12*
4510 & 6510	SCN	Option 9	10/1/11 - 9/30/12*
4120 & 6120	O&MN,N	Option 10	8/22/12-8/15/13
4220 & 6220	OPN	Option 11	10/1/12 - 9/30/13*
4320 & 6320	RDT&E	Option 12	10/1/12 - 9/30/13*

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 37 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

4420 & 6420	FMS	Option 13	10/1/12 - 9/30/13*
4520 & 6520	SCN	Option 14	10/1/12 - 9/30/13*
4130 & 6130	O&MN,N	Option 15	8/16/13 - 8/15/14
4230 & 6230	OPN	Option 16	10/1/13 - 9/30/14*
4330 & 6330	RDT&E	Option 17	12/20/13 - 9/30/14
4430 & 6430	FMS	Option 18	10/1/13 - 9/30/14*
4530 & 6530	SCN	Option 19	10/1/13 - 9/30/14*
7140 & 9140	O&MN,N	Option 20	10/1/14 - 09/30/15*
7240 & 9240	OPN	Option 21	10/1/14 - 09/30/15*
7340 & 9340	RDT&E	Option 22	10/1/14 - 09/30/15*
7440 & 9440	FMS	Option 23	10/1/14 - 09/30/15*
7540 & 9540	SCN	Option 24	10/1/14 - 09/30/15*
7150 & 9150	O&MN,N	Option 25	10/1/15 - 11/21/15*
7250 & 9250	OPN	Option 26	10/1/15 - 11/21/15*
7350 & 9350	RDT&E	Option 27	10/1/15 - 11/21/15*
7450 & 9450	FMS	Option 28	10/1/15 - 11/21/15*
7550 & 9550	SCN	Option 29	10/1/15 - 11/21/15*

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

F17S DELIVERY OF GOVERNMENT PROPERTY TO BE SERVICED (JUN 2004)

(a) Government property or equipment to be serviced will be delivered at Government expense F.O.B. at or near the Contractor's plant:*

(b) Items will be picked up at the completion of service by a representative of the Naval Undersea Warfare Center Division, Newport.

* Offeror shall fill in location.

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 38 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

F19S DELIVERY AND INSTALLATION (JUN 2004)

The articles to be furnished hereunder shall be delivered and installed by the Contractor in accordance with the SOW . The Contractor shall pay all transportation and installation charges.

F18S DELIVERY AT DESTINATION (JUN 2004)

The articles to be furnished hereunder shall be delivered in accordance with the clause entitled, F.O.B. Destination (FAR 52.247-34), to the following address for NUWC DIVNPT ONLY.

Supply Officer
 Naval Undersea Warfare Center, Division Newport
 Naval Station Newport, Bldg. 47
 47 Chandler Street
 Newport, RI 02841-1708

F22S DELIVERY OF DATA (JUN 2004)

The contractor shall deliver data items in accordance with the directions set forth on the DD Form 1423, Contract Data Requirements List (CDRL), which is an exhibit to this task order. Any change in the delivery of data must be made by a formal task order modification.

F30S PLACE OF PERFORMANCE (APR 2005)

Work will be performed at the Contractor's facility or other locations, as required by the statement of work.

Possible travel locations include:

Newport, RI	Groton, CT
New London, CT	Portsmouth, NH
Bath, ME	Bangor, ME
College Point, NY	Syracuse, NY
Oakland, NJ	Moorestown, NJ
Sykesville, MD	Baltimore, MD
Washington, DC	Newport News, VA
Arlington, VA	Alexandria, VA
Manassas, VA	Fairfax, VA
Norfolk, VA	Dahlgren, VA
Charleston, SC	Kings Bay, GA
Pascagoula, MS	Port Canaveral, FL
Jacksonville, FL	Mayport, FL
Crane, IN	Salt Lake City, UT
Long Beach, CA	Sylmar, CA
San Diego, CA	Concord, CA
Seattle, WA	Bangor, WA
Keyport, WA	Everett, WA
Honolulu, HI	Pearl Harbor, Hawaii
Naples, Italy	La Maddalena, Italy
La Spezia, Italy	Yokosuka, Japan
Holy Loch, Scotland	Portsmouth, England
Rota, Spain	Guam
Andros Island Bahamas (AUTECH)	
Fleet Vessels at Sea & Dock-Side	

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 39 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION G CONTRACT ADMINISTRATION DATA

G10S CONTRACTUAL AUTHORITY AND COMMUNICATIONS (NOV 2012)

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

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

(c) The Contracting Officer is:

Name: [REDACTED]

Telephone: [REDACTED]

Fax [REDACTED]

Email: [REDACTED]

(d) The Task Order Negotiator is:

Name: LEFT BLANK

Telephone: [REDACTED] [REDACTED]

Fax Commercial: [REDACTED]

Email: [REDACTED]

(e) Ombudsman for the Naval Undersea Warfare Center Division, Newport, RI, is:

Name: [REDACTED]

Telephone [REDACTED]

Fax [REDACTED]

Email: [REDACTED]

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 40 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

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

Name: [REDACTED]

Code: [REDACTED]

Mailing Address: [REDACTED]
[REDACTED]

Telephone: [REDACTED]

E-Mail: [REDACTED]

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

(g) The Contractor's Representative is:

Name: [REDACTED]

Title: [REDACTED]

Mailing Address: [REDACTED]

E-mail Address: [REDACTED]

Telephone: [REDACTED] FAX: [REDACTED]

G11S CONTRACT ADMINISTRATION FUNCTIONS (SERVICES) (MAR 2011)

(a) The cognizant Administrative Contracting Office for this task order is identified in Block 6 on page one of this task order.

(b) TASK ORDER ACO DELEGATED FUNCTIONS. The task order Administrative Contracting Officer (ACO) is delegated the following functions:

(1) All functions of FAR 42.302(a) except (3), (40), (44), (45), (46), (47), (51), (59), (62), (63), (64), and (70).

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

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

HQ G-2-0007 INVOICE INSTRUCTIONS (NAVSEA) (APR 2011)

(a) In accordance with the clause of this contract entitled "ELECTRONIC SUBMISSION OF PAYMENT REQUESTS" (DFARS 252.232-7003), the Naval Sea Systems Command (NAVSEA) 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

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 41 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

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 documentation is available under Resources at <http://wawftraining.com>.

(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(s) (*contracting officer check all that apply*)

- Invoice (FFP Supply & Service)
- Invoice and Receiving Report Combo (FFP Supply)
- Invoice as 2-in-1 (FFP Service Only)
- Cost Voucher (Cost Reimbursable, T&M , LH, or FPI)
- Receiving Report (FFP, DD250 Only)

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

Issue DODAAC	<u>N66604</u>
Admin DODAAC	<u>S0701A</u>
Pay Office DODAAC	<u>HQ0337</u>
Inspector DODAAC	<u>Leave Blank</u>
Service Acceptor DODAAC	<u>Leave Blank</u>
Service Approver DODAAC	<u>N66604</u>
Ship To DODAAC	<u>Leave Blank</u>
DCAA Auditor DODAAC	<u>HAA661</u>
Inspection Location	<u>Leave Blank</u>

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 42 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Acceptance Location

Leave Blank

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) The Contractor agrees to segregate costs incurred under this task order at the lowest level of performance, either task or subtask, rather than on a total task order basis, and to submit invoices reflecting costs incurred at that level. Supporting documentation in WAWF for invoices shall include summaries of work charged during the period covered as well as overall cumulative summaries by individual labor categories, rates, and hours (both straight time and overtime) invoiced; as well as a cost breakdown of ODCs (materials and travel), by line item task or subtask. Subcontractors are also required to provide labor categories, rates, and hours (both straight time and overtime) invoiced; as well as, a cost breakdown of ODCs, materials, and travel invoiced. Supporting documentation may be encrypted before submission to the prime contractor for WAWF invoice submittal. Subcontractors may email encryption code information directly to the Contracting Officer and Contracting Officer Representative. Should the subcontractor lack encryption capability, the subcontractor may also email detailed supporting cost information directly to the Contracting Officer and Contracting Officer Representative; or other method as agreed to by the Contracting Officer.

(f) 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:
[REDACTED]

(g) 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.

(h) If you have any questions regarding WAWF, please contact the WAWF helpdesk at the above 1-866 number or the NUWCDIVNPT WAWF point of contact, [REDACTED]. For payment status, log into WAWF, scroll to the bottom of the page, and click on the link for "Pay Status (myinvoice – External Link)". Call or e-mail [REDACTED] only if you cannot get the answer through the WAWF Website.

Accounting Data

SLINID	PR Number	Amount
410001	N66604-9308-3928	[REDACTED]
LLA :		
AA 97X4930.NH6A 000 77777 0 066604 2F 000000 15010E250051		

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 43 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Standard Number: 0243055

610001 N66604-0323-1532 [REDACTED]
 LLA :
 AA 97X4930.NH6A 000 77777 0 066604 2F 000000 15010E250051
 Standard Number: 0243055

BASE Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 01

410002 N66604-0350-6179 [REDACTED]
 LLA :
 AA 97X4930.NH6A 000 77777 0 066604 2F 000000 15010E250051
 Standard Number: 0243055

MOD 01 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 02

610002 N66604-1004-8304 [REDACTED]
 LLA :
 AB 97X4930.NH6A 000 77777 0 066604 2F 000000 15010E250061
 Standard Number: 0243055

MOD 02 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 03

610003 N66604-1005-8587 [REDACTED]
 LLA :
 AC 97X4930.NH6A 000 77777 0 066604 2F 000000 15010D255091
 Standard Number: 0243055

MOD 03 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 04

410003 N66604-1012-9931 [REDACTED]
 LLA :
 AA 97X4930.NH6A 000 77777 0 066604 2F 000000 15010E250051
 Standard Number: 0243055

610004 N66604-1012-9932 [REDACTED]
 LLA :
 AA 97X4930.NH6A 000 77777 0 066604 2F 000000 15010E250051
 Standard Number: 0243055

MOD 04 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 05

410004 N66604-1049-5864 [REDACTED]
 LLA :
 AA 97X4930.NH6A 000 77777 0 066604 2F 000000 15010E250051
 Standard Number: 0243055

610005 N66604-1049-5869 [REDACTED]
 LLA :
 AA 97X4930.NH6A 000 77777 0 066604 2F 000000 15010E250051
 Standard Number: 0243055

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 44 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

MOD 05 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 06

420001 N66604-1055-6737 [REDACTED]
LLA :
AD 97X4930.NH6A 000 77777 0 066604 2F 000000 34220V529271
Standard Number: 0243055

420002 N66604-1055-6748 [REDACTED]
LLA :
AE 97X4930.NH6A 000 77777 0 066604 2F 000000 34220V529291
Standard Number: 0243055

420003 N66604-1055-6750 [REDACTED]
LLA :
AF 97X4930.NH6A 000 77777 0 066604 2F 000000 34220A529561
Standard Number: 0243055

420004 N66604-1063-8079 [REDACTED]
LLA :
AG 97X4930.NH6A 000 77777 0 066604 2F 000000 34220X529181
Standard Number: 0243055

620001 N66604-1063-8087 [REDACTED]
LLA :
AG 97X4930.NH6A 000 77777 0 066604 2F 000000 34220X529181
Standard Number: 0243055

MOD 06 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 07

610006 N66604-1105-5484 [REDACTED]
LLA :
AH 97X4930.NH6A 000 77777 0 066604 2F 000000 15010E250071
Standard Number: 0243055

MOD 07 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 08

410005 N66604-1143-1725 [REDACTED]
LLA :
AA 97X4930.NH6A 000 77777 0 066604 2F 000000 15010E250051
Standard Number: 0243055

610007 N66604-1143-1729 [REDACTED]
LLA :
AA 97X4930.NH6A 000 77777 0 066604 2F 000000 15010E250051
Standard Number: 0243055

MOD 08 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 09

410006 N66604-1174-6706 [REDACTED]
LLA :
AJ 97X4930.NH6A 000 77777 0 066604 2F 000000 G25500115010
Standard Number: 0243055

610008 N66604-1175-7137 [REDACTED]
LLA :
AJ 97X4930.NH6A 000 77777 0 066604 2F 000000 G25500115010

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 45 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Standard Number: 0243055

MOD 09 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 10

411001 N66604-1202-1981 [REDACTED]
LLA :
AJ 97X4930.NH6A 000 77777 0 066604 2F 000000 15010G255001
Standard Number: 0243055

411002 N66604-1206-2415 [REDACTED]
LLA :
AK 97X4930.NH6A 000 77777 0 066604 2F 000000 15010G255091
Standard Number: 0243055

611001 N66604-1202-2003 [REDACTED]
LLA :
AJ 97X4930.NH6A 000 77777 0 066604 2F 000000 15010G255001
Standard Number: 0243055

611002 N66604-1206-2418 [REDACTED]
LLA :
AK 97X4930.NH6A 000 77777 0 066604 2F 000000 15010G255091
Standard Number: 0243055

MOD 10 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 11

411003 N66604-1230-7982 [REDACTED]
LLA :
AL 97X4930.NH6A 000 77777 0 066604 2F 000000 15010G255241
Standard Number: 0243055

MOD 11 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 12 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 13 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 14 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 15

411004 1300263959 [REDACTED]
LLA :
AM 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001155056

MOD 15 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 16

412001 1300291236 [REDACTED]
LLA :
AN 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001318949

412002 1300291236 [REDACTED]
LLA :
AP 97X4930 NH6A 252 77777 0 050120 2F 000000 A10001318949

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 46 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

612001 1300291236 [REDACTED]
 LLA :
 AN 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001318949

MOD 16 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 17

412003 1300318399 [REDACTED]
 LLA :
 AQ 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001512817

612002 1300318399 [REDACTED]
 LLA :
 AQ 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001512817

MOD 17 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 18 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 19 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 20

412004 1300345110 [REDACTED]
 LLA :
 AR 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001688169

MOD 20 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 21

413001 1300368206 [REDACTED]
 LLA :
 AS 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001838278

613001 1300368206 [REDACTED]
 LLA :
 AS 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001838278

MOD 21 Funding [REDACTED]
 Cumulative Funding [REDACTED]

MOD 22

413002 1300387117 [REDACTED]
 LLA :
 AT 1741804 70BD 252 53824 S 060957 2D X002JG P00074NU000Q
 RCP# RP000714WX002JG; ACRN:AA

413003 1300387118 [REDACTED]
 LLA :
 AT 1741804 70BD 252 53824 S 060957 2D X002JG P00074NU000Q
 RCP#: RP000714WX002JG; ACRN:AA

613002 1300387117 [REDACTED]
 LLA :
 AT 1741804 70BD 252 53824 S 060957 2D X002JG P00074NU000Q
 RCP# RP000714WX002JG; ACRN:AA

MOD 22 Funding [REDACTED]
 Cumulative Funding [REDACTED]

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 47 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

MOD 23 Funding [REDACTED]
Cumulative Funding [REDACTED]

MOD 24

413004 130039222900001 [REDACTED]
LLA :
AV 1741804 60CB 252 57016 0 060951 2D X001NR 465804YU000Q

433001 130039229300001 [REDACTED]
LLA :
AU 1741319 H5XY 252 SB401 0 050120 2D 000000 A00002040149

433002 130039414300001 [REDACTED]
LLA :
AW 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002053566

633001 130039229300002 [REDACTED]
LLA :
AU 1741319 H5XY 252 SB401 0 050120 2D 000000 A00002040149

MOD 24 Funding [REDACTED]
Cumulative Funding [REDACTED]

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 48 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION H SPECIAL CONTRACT REQUIREMENTS

H24S PROHIBITION ON TELECOMMUNICATIONS (OCT 2006)

The contractor is expressly prohibited from purchasing any telecommunication devices (i.e. satellite telephones, cell phones, pagers, blackberry, two way radios, walkie-talkies, etc. or any associated accessories) without the written approval of the contracting officer on an item by item basis.

H83S SERVICE CONTRACT ACT WAGE DETERMINATION (AUG 2008)

The applicable Service Contract Act Wage Determinations by the Secretary of Labor are provided below (identified to the current Revision available as of the issue date of this solicitation):

WD 05-2467 (Rev.-13) posted on 06/25/2013, Area: Rhode Island Statewide

WD 05-3023 (Rev.-14) posted on 06/25/2013, Area: New London, CT

The above Wage Determinations (WD) can be accessed from the following website:

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

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

1. Were these services previously performed at this locality under an SCA-Covered contract? YES
2. Are any of the employees performing work subject to a CBA? NO
3. Are the contract services to be performed listed below as Non-Standard Services? NO
4. Were these services previously performed under an SCA wage determination that ends in an even number?
Example: 1994-2104; or 1994-2114. NO

The site will provide the appropriate WD.

H61S GOVERNMENT FURNISHED PROPERTY (GFP) (NOV 2010)

(a) The Government shall furnish Government property to the Contractor for use in connection with this task order.

(1) Government Furnished Equipment (GFE), Government Furnished Material (GFM) and Government facilities shall be made available for contractor's use as identified in the attached, Government Property Made Available. The property shall be made available, free of expense to the Contractor, in the quantities and at the times specified at the following location: NUWCDIVNPT, Newport, RI

(2) Government Furnished Information (GFI) shall be provided as identified in the Statement of Work and specifications. Unless specified otherwise, GFI will be furnished within 30 days after task order award.

(b) Only the identified items, in the quantity shown, will be furnished by the Government; however, additional Government property may be made available. All other material required for the performance of this task order shall be furnished by the Contractor. GFP furnished under this task order is for use exclusively under this task order unless specified otherwise in writing by the Contracting Officer.

(c) All Government Property furnished under this task order shall be returned to NUWCDIVNPT at the completion of the task order unless otherwise specified. The Contractor shall immediately advise the Contracting Officer, in writing, of any property lost, damaged, or transferred out of the Contractor's possession.

5252.237-9106 SUBSTITUTION OF PERSONNEL (SEP 1990)

(a) The Contractor agrees that a partial basis for award of this contract is the list of key personnel proposed. Accordingly, the Contractor agrees to assign to this contract those key persons whose

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 49 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

resumes were submitted with the proposal necessary to fulfill the requirements of the contract. No substitution shall be made without prior notification to and concurrence of the Contracting Officer in accordance with this requirement.

(b) All proposed substitutes shall have qualifications equal to or higher than the qualifications of the person to be replaced. The Contracting Officer shall be notified in writing of any proposed substitution at least forty-five (45) days, or ninety (90) days if a security clearance is to be obtained, in advance of the proposed substitution. Such notification shall include: (1) an explanation of the circumstances necessitating the substitution; (2) a complete resume of the proposed substitute; and (3) any other information requested by the Contracting Officer to enable him/her to judge whether or not the Contractor is maintaining the same high quality of personnel that provided the partial basis for award.

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

[REDACTED]
[REDACTED]
[REDACTED]

5252.216-9122 LEVEL OF EFFORT - ALTERNATE 1 (MAY 2010)

(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 [REDACTED] 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 [REDACTED] 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 (i) 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 evenly over the period of performance. 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

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 50 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

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

(h) 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. All submissions shall include subcontractor information.

(i) Unless the Contracting Officer determines that alternative worksite arrangements are detrimental to contract performance, the Contractor may perform up to 10% of the hours at an alternative worksite, provided the Contractor has a company-approved alternative worksite plan. The primary worksite is the traditional "main office" worksite. An alternative worksite means an employee's residence or a telecommuting center. A telecommuting center is a geographically convenient office setting as an alternative to an employee's main office. The Government reserves the right to review the Contractor's alternative worksite plan. In the event performance becomes unacceptable, the Contractor will be prohibited from counting the hours performed at the alternative worksite in fulfilling the total level of effort obligations of the contract. Regardless of work location, all contract terms and conditions, including security requirements and labor laws, remain in effect. The Government shall not incur any additional cost nor provide additional equipment for contract performance as a result of the Contractor's election to implement an alternative worksite plan.

(j) Notwithstanding any of the provisions in the above paragraphs and subject to the LIMITATION OF FUNDS or LIMITATION OF COST clauses, as applicable, the period of performance may be extended and the estimated cost may be increased in order to permit the Contractor to provide all of the man-hours listed in paragraph (a) above. The contractor shall continue to be paid fee for each man-hour performed in accordance with the terms of the contract.

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

CLIN	Funding Type	Base or Option #	Hours Contractor Site	Hours Government Site	Total Hours
4100	OMN&N	Base	████	-	████
4110	OMN&N	Option 5	████	-	████
4120	OMN&N	Option 10	████	-	████
4130	OMN&N	Option 15	████	-	████
7140	OMN&N	Option 20	████	-	████
7150	OMN&N	Option 25	████	-	████
		Totals	████	-	████

4200	OPN	Option 1	████	-	████
4210	OPN	Option 6	████	-	████
4220	OPN	Option 11	████	-	████
4230	OPN	Option 16	████	-	████
7240	OPN	Option 21	████	-	████
7250	OPN	Option 26	████	-	████
		Totals	████	-	████
4300	RDT&E	Option 2	████	-	████
4310	RDT&E	Option 7	████	-	████
4320	RDT&E	Option 12	████	-	████
4330	RDT&E	Option 17	████	-	████
7340	RDT&E	Option 22	████	-	████
7350	RDT&E	Option 27	████	-	████
		Totals	████	-	████
4400	FMS	Option 3	████	-	████
4410	FMS	Option 8	████	-	████
4420	FMS	Option 13	████	-	████
4430	FMS	Option 18	████	-	████
7440	FMS	Option 23	████	-	████
7450	FMS	Option 28	████	-	████
		Totals	████	-	████
4500	SCN	Option 4	████	-	████
4510	SCN	Option 9	████	-	████
4520	SCN	Option 14	████	-	████
4530	SCN	Option 19	████	-	████
7540	SCN	Option 24	████	-	████
7550	SCN	Option 29	████	-	████
		Totals	████	-	████
		Total of all CLINs:	████	-	████

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 52 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

5252.232-9104 ALLOTMENT OF FUNDS (JAN 2008)

(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:

ITEM	ALLOTED TO COST	ALLOTED TO FEE	TOTAL AMOUNT ALLOTED	ESTIMATED PERIOD OF PERFORMANCE
				8/15/12
411004				8/15/12
412001				8/22/12-8/15/13
412002				8/22/12-8/15/13
612001				8/22/12-8/15/13
412003				8/15/13
612002				8/15/13
412004				8/15/13
413001				8/15/14
613001				8/15/14
413002				8/15/14
413003				8/15/14
613002				8/15/14
413004				10/1/13-9/30/14
433001				10/1/13-9/30/14
433002				10/1/13-9/30/14
633001				10/1/13-9/30/14

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

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

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

5252.242-9115 TECHNICAL INSTRUCTIONS (APR 1999)

(a) Performance of the work hereunder may be subject to written technical instructions

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 53 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

signed by the Contracting Officer's Representative specified in Section G of this contract.
As used herein, technical instructions are defined to include the following:

(1) Directions to the Contractor which suggest pursuit of certain lines of inquiry, shift work emphasis, fill in details or otherwise serve to accomplish the contractual statement of work.

(2) Guidelines to the Contractor which assist in the interpretation of drawings, specifications or technical portions of work description.

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

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

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

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 54 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION I CONTRACT CLAUSES

The following clauses are hereby incorporated by reference:

1. FAR:

52.204-2 Security Requirements (AUG 1996)

52.204-9 Personal Identity Verification of Contractor Personnel (Sep 2007)

52.204-10 Reporting Executive Compensation and First-Tier Subcontract Awards (Jul 2010)

52.222-3 Convict Labor (June 2003)

52.222-20 Walsh-Healey Public Contracts Act (Dec 1996)

52.222-40 Notification of Employee Rights Under the National Labor Relations Act (DEC 2010)

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

52.222-54 EMPLOYMENT ELIGIBILITY VERIFICATION (JAN 2009)

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

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

52.223-11 -- Ozone-Depleting Substances (MAY 2001)

52.223-12 Refrigeration Equipment and Air Conditioners (May 1995)

52.227-1 AUTHORIZATION AND CONSENT (DEC 2007)

52.227-2 NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (DEC 2007)

52.227-10 FILING OF PATENT APPLICATIONS - CLASSIFIED SUBJECT MATTER (DEC 2007)

52.227-11 PATENT RIGHTS - OWNERSHIP BY THE CONTRACTOR (DEC 2007)

52.232-22 LIMITATION OF FUNDS (APR 1984)

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

52.244-6 Subcontracts for Commercial Items (Feb 2009)

52.245-1 GOVERNMENT PROPERTY (AUG 2010)

52.245-9 USE AND CHARGES (AUGUST 2010)

52.246-23 Limitation of Liability (Feb 1997)

52.246-24 Limitation of Liability -- High-Value Items (Feb 1997)

2. DFARS:

252.223-7006 PROHIBITION ON STORAGE AND DISPOSAL OF TOXIC AND HAZARDOUS MATERIALS (APR 1993)

252.225-7007 PROHIBITION ON ACQUISITION OF UNITED STATES MUNITIONS LIST ITEMS FROM COMMUNIST CHINESE MILITARY COMPANIES (SEP 2006)

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 55 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

252.225-7013 DUTY-FREE ENTRY (OCT 2006)

252.225-7014 PREFERENCE FOR SPECIALTY METALS (JUN 2005) (DEVIATION)

252.225-7015 RESTRICTION ON ACQUISITION OF HAND OR MEASURING TOOLS (JUN 2005)

252.225-7016 RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS (MAR 2006)

252.225-7019 RESTRICTION ON ACQUISITION OF ANCHOR AND MOORING CHAIN (JUN 2005)

252.225-7025 RESTRICTION ON ACQUISITION OF FORGINGS (JUL 2006)

252.225-7027 Restriction on Contingent Fees for Foreign Military Sales

252.225-7028 Exclusionary Policies and Practices of Foreign Governments

252.225-7030 RESTRICTION ON ACQUISITION OF CARBON, ALLOY, AND ARMOR STEEL PLATE (DEC 2006)

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

252.227-7014 Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation (Jun 1995)

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

252.227-7019 Validation of asserted restrictions Computer Software (Jun 1995)

252.227-7025 Limitations on the Use or Disclosure of Government-Furnished Information Marked with Restrictive Legends (Jun 1995)

252.227-7028 Technical Data or Computer Software Previously Delivered to the Government (JUN 1995)

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

252.227-7037 VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA (SEP 1999)

252.227-7038 PATENT RIGHTS—OWNERSHIP BY THE CONTRACTOR (LARGE BUSINESS) (DEC 2007)

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

252.231-7000 SUPPLEMENTAL COST PRINCIPLES (DEC 1991)

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

252.235-7011 FINAL SCIENTIFIC OR TECHNICAL REPORT (NOV 2004)

252.239-7000 PROTECTION AGAINST COMPROMISING EMANATIONS (JUN 2004)

252.239-7001 INFORMATION ASSURANCE CONTRACTOR TRAINING AND CERTIFICATION (JAN 2008)

252.245-7001 TAGGING, LABELING, AND MARKING OF GOVERNMENT-FURNISHED PROPERTY (FEB 2011)

252.245-7002 REPORTING LOSS OF GOVERNMENT PROPERTY (FEB 2011)

252.246-7000 MATERIAL INSPECTION AND RECEIVING REPORT (MAR 2008)

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 56 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

The following clauses are incorporated in full text:

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

(End of Clause)

NOTE TO CONTRACTORS: EMPLOYEE CLASSES AND EQUIVALENT GOVERNMENT RATES CAN BE FOUND AT THE FOLLOWING DEPARTMENT OF LABOR AND OFFICE OF PERSONNEL MANAGEMENT WEBSITES -

EMPLOYEE CLASSES (DIRECTORY OF OCCUPATIONS):

<http://www.dol.gov/whd/regs/compliance/wage/SCADirV5/SCADirectVers5.pdf>

GOVERNMENT EQUIVALENT GS LEVELS:

<http://www.dol.gov/whd/regs/compliance/wage/SCADirV5/Vers5SCAIndex.pdf>

and

OFFICE OF PERSONNEL MANAGEMENT:

<http://www.opm.gov/OCA/10tables/index.asp>

52.244-2 SUBCONTRACTS (OCT 2010)

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

“Approved purchasing system” means a Contractor’s purchasing system that has been reviewed and approved in accordance with Part 44 of the Federal Acquisition Regulation (FAR)

“Consent to subcontract” means the Contracting Officer’s written consent for the Contractor to enter into a particular subcontract.

“Subcontract” means any contract, as defined in FAR Subpart 2.1, entered into by a subcontractor to furnish supplies or services for performance of the prime contract or a subcontract. It includes, but is not limited to, purchase orders, and changes and modifications to purchase orders.

(b) When this clause is included in a fixed-price type contract, consent to subcontract is required only on unpriced contract actions (including unpriced modifications or unpriced delivery orders), and only if required in accordance with paragraph (c) or (d) of this clause.

(c) If the Contractor does not have an approved purchasing system, consent to subcontract is required for any subcontract that-

(1) Is of the cost-reimbursement, time-and-materials, or labor-hour type; or

(2) Is fixed-price and exceeds—

(i) For a contract awarded by the Department of Defense, the Coast Guard, or the National Aeronautics and Space Administration, the greater of the simplified acquisition threshold or 5 percent of the total estimated cost of the contract; or

(ii) For a contract awarded by a civilian agency other than the Coast Guard and the National Aeronautics and Space Administration, either the simplified acquisition threshold or 5 percent of the total estimated cost of the contract.

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 57 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

(d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer's written consent before placing the following subcontracts: Any new additional subcontracts not approved in the original task order award.

(e)(1) The Contractor shall notify the Contracting Officer reasonably in advance of placing any subcontract or modification thereof for which consent is required under paragraph (b), (c), or (d) of this clause, including the following information:

- (i) A description of the supplies or services to be subcontracted.
- (ii) Identification of the type of subcontract to be used.
- (iii) Identification of the proposed subcontractor.
- (iv) The proposed subcontract price.
- (v) The subcontractor's current, complete, and accurate certified cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions.
- (vi) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract.
- (vii) A negotiation memorandum reflecting -
 - (A) The principal elements of the subcontract price negotiations;
 - (B) The most significant considerations controlling establishment of initial or revised prices;
 - (C) The reason certified cost or pricing data were or were not required;
 - (D) The extent, if any, to which the Contractor did not rely on the subcontractor's certified cost or pricing data in determining the price objective and in negotiating the final price;
 - (E) The extent to which it was recognized in the negotiation that the subcontractor's certified cost or pricing data were not accurate, complete, or current; the action taken by the Contractor and the subcontractor; and the effect of any such defective data on the total price negotiated;
 - (F) The reasons for any significant difference between the Contractor's price objective and the price negotiated; and
 - (G) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(2) The Contractor is not required to notify the Contracting Officer in advance of entering into any subcontract for which consent is not required under paragraph (b), (c), or (d) of this clause.

(f) Unless the consent or approval specifically provides otherwise, neither consent by the Contracting Officer to any subcontract nor approval of the Contractor's purchasing system shall constitute a determination -

- (1) Of the acceptability of any subcontract terms or conditions;
- (2) Of the allowability of any cost under this contract; or
- (3) To relieve the Contractor of any responsibility for performing this contract.

(g) No subcontract or modification thereof placed under this contract shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement type subcontracts shall not exceed the fee limitations in FAR 15.404-4(c)(4)(i).

(h) The Contractor shall give the Contracting Officer immediate written notice of any action or suit filed and prompt notice of any claim made against the Contractor by any subcontractor or vendor that, in the opinion of the Contractor, may result in litigation related in any way to this contract, with respect to which the Contractor may be entitled to reimbursement from the Government.

(i) The Government reserves the right to review the Contractor's purchasing system as set forth in FAR Subpart 44.3.

(j) Paragraphs (c) and (e) of this clause do not apply to the following subcontracts, which were evaluated during negotiations: McLaughlin Research Corp. (MRC) and Purvis Systems

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 58 of 59	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

CONTRACT NO. N00178-04-D-4126	DELIVERY ORDER NO. N412	AMENDMENT/MODIFICATION NO. 24	PAGE 59 of 59	FINAL
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SECTION J LIST OF ATTACHMENTS

DD254- Contract Security Classification Specification, Revision 4, with CNO Letter

Government Property Made Available

DD1423- Contract Data Requirements with Addendum