

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE U	PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 12	3. EFFECTIVE DATE 23-Apr-2009	4. REQUISITION/PURCHASE REQ. NO. N66604-09-MR-59051		5. PROJECT NO. (If applicable) N/A
6. ISSUED BY NUWC, NEWPORT DIVISION Simonpietri Drive, Building 11 Newport RI 02841-1706 mary.faverio@navy.mil 401-832-6774	CODE N66604	7. ADMINISTERED BY (If other than Item 6) DCMA SURFACE COMMUNICATION AND SUPPORT SYSTEMS PHILADELPHIA 700 ROBBINS AVENUE, BLDG. 4-A, P.O. BOX 11427 PHILADELPHIA PA 19111-0427		CODE S3915A

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) L-3 Services, Inc. 13000 Lincoln Drive W, Ste 400 Marlton NJ 08053-0000		9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	[X]	10A. MODIFICATION OF CONTRACT/ORDER NO. N00178-04-D-4143-N402
		10B. DATED (SEE ITEM 13) 30-Jul-2008
CAGE CODE 1NPU4	FACILITY CODE 020278375	

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)

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

(*)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
[X]	D. OTHER (Specify type of modification and authority) BILATERAL - FAR 52.217-8 "Option to Extend Services (NOV 1999)", FAR 52.232-22 'Limitation of Funds,
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> 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) Eileen McBlain, Manager, Contracts		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) C. W. Kanoff, Contracting Officer	
15B. CONTRACTOR/OFFEROR /s/Eileen McBlain (Signature of person authorized to sign)	15C. DATE SIGNED 23-Apr-2009	16B. UNITED STATES OF AMERICA BY /s/C. W. Kanoff (Signature of Contracting Officer)	16C. DATE SIGNED 23-Apr-2009

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GENERAL INFORMATION

Distribution: KR, 0221, 2504/P.Harris, 2504/P.Hethcock, 119CLO/A.Brothers, DFAS – HQ0337

FSC: R414

NUWC DIVNPT Control Number: 093080

NUWC DIVNPT Requisition Number(s): N66604-9084-7632 and N66604-9084-7638

NUWC DIVNPT POC: Mary Faverio (See Block 6 of the Task Order cover page for e-mail address and telephone number.)

Mod 12: The purpose of this modification is to:

1. Exercise Option 42 (CLINs 4700/6700) (EFFECTIVE April 24, 2009) **(PERIOD OF PERFORMANCE 4/24/2009 THROUGH 9/30/2010)**
2. Revise Clause B30S Level of Effort for Option 12 (CLINs 1700/3700), 13 (CLINs 1701/3701) and 42
CLINs (CLINs 4700/6700)
3. Revise Clause B42S Options Date for Option 12 (CLINs 1700/3700), 13 (CLINs 1701/3701) and 42
CLINs (CLINs 4700/6700)
4. Revise Clause F1S Period of Performance for Option 12 (CLINs 1700/3700), 13 (CLINs 1701/3701)
and 42 CLINs (CLINs 4700/6700)
5. Shift ceiling CLIN 1700 (Option 12 (APN) Labor) to CLIN 4700 (Option 42 (APN) Labor)
6. Shift ceiling from CLIN 1701 Option 13 ((APN) Labor) to CLIN 4700 (Option 42 (APN) Labor)
7. Shift ceiling from CLIN 3700 (Option 12 (APN) ODCs) to CLIN 6700 (Option 42 (APN) ODCs)
8. Shift ceiling from CLIN 3701 (Option 13 (APN) ODCs) to CLIN 6700 (Option 42 (APN) ODCs)
9. Add funding

SECTION B –

1. Shift ceiling CLIN 1700 (Option 12 (APN) Labor) to CLIN 4700 (Option 42 (APN) Labor) as follows: (This ceiling shift will eliminate CLIN 1700)

TO #:	N00178-04-D-4143		N402	12
CLIN:	1700	FROM	BY	TO
	Cost	\$ 10,089	\$ (10,089)	\$ 0.00
	Fee	\$ 804	\$ (804)	\$ 0.00
	Total	\$ 10,893	\$ (10,893)	\$ 0.00

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	Hours	333	(333)	0
TO #:	N00178-04-D-4143		N402	12
CLIN:	4700	FROM	BY	TO
	Cost	\$ 34,236	\$ 10,089	\$ 44,325
	Fee	\$ 2,729	\$ 804	\$ 3,533
	Total	\$ 36,965	\$ 10,893	\$ 47,858
	Hours	1,000	333	1,333

2. Shift ceiling from CLIN 1701 Option 13 ((APN) Labor) to CLIN 4700 (Option 42 (APN) Labor) as follows:
(This ceiling shift will eliminate CLIN 1701)

TO #:	N00178-04-D-4143		N402	12
CLIN:	1701	FROM	BY	TO
	Cost	\$ 28,239	\$ (28,239)	\$ 0.00
	Fee	\$ 2,251	\$ (2,251)	\$ 0.00
	Total	\$ 30,490	\$ (30,490)	\$ 0.00
	Hours	847	(847)	0
TO #:	N00178-04-D-4143		N402	12
CLIN:	4700	FROM	BY	TO
	Cost	\$ 44,325	\$ 28,239	\$ 72,564
	Fee	\$ 3,533	\$ 2,251	\$ 5,784
	Total	\$ 47,858	\$ 30,490	\$ 78,348
	Hours	1,333	847	2,180

3. Shift ceiling from CLIN 3700 (Option 12 (APN) ODCs) to CLIN 6700 (Option 42 (APN) ODCs) as follows:
(This ceiling shift will eliminate CLIN 3700)

TO #:	N00178-04-D-4143		N402	12
CLIN	3700	FROM	BY	TO
	cost	\$ 376	\$ (376)	\$ 0.00
TO #:	N00178-04-D-4143		N402	12
CLIN	6700	FROM	BY	TO
	cost	\$ 1,129	\$ 376	\$ 1,505

4. Shift ceiling from CLIN 3701 (Option 13 (APN) ODCs) to CLIN 6700 (Option 42 (APN) ODCs) as follows:
(This ceiling shift will eliminate CLIN 3701)

TO #:	N00178-04-D-4143		N402	12
CLIN	3701	FROM	BY	TO
	cost	\$ 6,462	\$ (6,462)	\$ 0.00

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TO #:	N00178-04-D-4143		N402	12
CLIN	6700	FROM	BY	TO
	cost	\$ 1,505	\$ 6,462	\$ 7,967

5. Revise Clause B30S Level of Effort for Option 12 (CLINs 1700/3700), 13 (CLINs 1701/3701) and 42 CLINs (CLINs 4700/6700)

6. Revise Clause B42S Options Date for Option 12 (CLINs 1700/3700), 13 (CLINs 1701/3701) and 42 CLINs (CLINs 4700/6700)

7. Establish new SLINs as follows: 470001 and 670001

SECTION F – Revise Clause F1S Period of Performance for Option 12 (CLINs 1700/3700), 13

(CLINs 1701/3701) and 42 CLINs (CLINs 4700/6700)

SECTION G – Add Accounting and Appropriation Data. LLAs B1/470001 and B1/670001 are added by this modification.

SECTION H - Revise Clause H31S to reflect increase in funds.

The total funding for the task order is increased from \$1,713,862.78 by \$15,875.51 to \$1,729,738.29.

As a result of this option exercise, the task order value of this task order is increased from \$2,036,302.00 by \$86,315.00 to \$2,122,617.00.

All other task order terms and conditions remain unchanged.

The conformed Task Order is contained in EDA & the SeaPort Portal.

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SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

1000 Services and materials to support the Naval Undersea Warfare Center Detachment Field Engineering Office's, Norfolk (NUWC DET FEO) implementation of a progressive repair capability for all DoD electronic, mechanical and electrical systems assigned to DoD components and the U.S. Coast Guard.

Item	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
1100	Base Period (O&MN,N)	30255.0	LH	\$1,100,818.00	\$87,749.00	\$1,188,567.00
110001	A1 \$50,000 (O&MN,N)					
110002	A1 \$662,000.00 (O&MN,N)					
110003	A1 \$476,557 (O&MN,N)					
1101	Option Period 1 (O&MN,N) Option	30000.0	LH	\$1,008,335.00	\$80,377.00	\$1,088,712.00
1111	Option Period 54 --Other (OMAF) (OTHER)	277.0	LH	\$9,261.00	\$739.00	\$10,000.00
111101	A5 \$10,000.00 (OTHER)					
1200	Option Period 2 (OPN) Option	5000.0	LH	\$155,405.00	\$12,388.00	\$167,793.00
1201	Option Period 3 (OPN) Option	9355.0	LH	\$314,051.00	\$25,040.00	\$339,091.00
1300	Option Period 4 (SCN)	267.0	LH	\$8,281.00	\$660.00	\$8,941.00

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Option

1301	Option Period 5 (SCN)	10369.0 LH	\$348,521.00	\$27,772.00	\$376,293.00
130101	A2 \$28,793 (SCN)				
130102	A2 \$185,000.00 - LPD21 (SCN)				
1400	Option Period 6 (FMS Case #xx-x-x xx) Option	3000.0 LH	\$93,581.00	\$7,460.00	\$101,041.00
1401	Option Period 7 (FMS Case #xx-x-x xx)	1496.0 LH	\$50,063.00	\$3,998.00	\$54,061.00
140101	A7 \$17,000.00 - FMS Case #SR-P-MAF (FMS Case #SR-P-M AF)				
140102	A8 \$7,181.00 - FMS Case #EG-P-GHG (FMS Case #EG-P-G HG)				
140103	A9 \$1,144.00 - FMS Case Number #IN-P-SAN (FMS Case #IN-P-S AN)				
1500	Option Period 8 (Other-OGVT) (OTHER) Option	200.0 LH	\$5,931.00	\$473.00	\$6,404.00
1501	Option Period 9 (Other-OGVT) (OTHER)	600.0 LH	\$20,000.00	\$1,594.00	\$21,594.00
150101	A6 \$10,000.00 (OTHER)				
1600	Option Period 10 (Other-PMC) (OTHER) Option	933.0 LH	\$29,036.00	\$2,315.00	\$31,351.00
1601	Option Period 11 (Other-PMC) (OTHER)	7072.0 LH	\$237,385.00	\$18,918.00	\$256,303.00
160101	A3 \$12,275.30 (OTHER)				
160102	A4 \$141,486.60 (OTHER)				
1700	Option Period 12	0.0 LH	\$0.00	\$0.00	\$0.00

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	(Other-APN) (OTHER) Option				
1701	Option Period 13 (Other-APN) (OTHER) Option	0.0 LH	\$0.00	\$0.00	\$0.00
1800	Option Period 14 (Other-DWCF) (OTHER) Option	549.0 LH	\$16,916.00	\$1,349.00	\$18,265.00
1801	Option Period 15 (Other-DWCF) (OTHER) Option	699.0 LH	\$23,392.00	\$1,866.00	\$25,258.00
1900	Option Period 16 (Other-OMAR) (OTHER) Option	187.0 LH	\$5,677.00	\$453.00	\$6,130.00
1901	Option Period 17 (Other-OMAR) (OTHER) Option	560.0 LH	\$18,765.00	\$1,496.00	\$20,261.00

For ODC Items:

Item	Supplies/Services	Qty	Unit	Est. Cost

3000	Prime and Subcontractor Travel and Material with applicable burdens excluding fee			\$0.00
3100	Base Period (O&MN,N)	1.0	Lot	\$45,645.00
310001	A1 \$2,500.00 (O&MN,N)			
310002	A1 \$40,000.00 (O&MN,N)			
3101	Option Period 1 (O&MN,N) Option	1.0	Lot	\$16,936.00
3111	Option Period 54 (Other-OMAF) (OTHER)	1.0	Lot	\$3,000.00
311101	A5 \$3,000.00 (OTHER)			

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3200	Option Period 2 (OPN) Option	1.0 Lot	\$5,645.00
3201	Option Period 3 (OPN) Option	1.0 Lot	\$6,603.00
3300	Option Period 4 (SCN) Option	1.0 Lot	\$1,882.00
3301	Option Period 5 (SCN)	1.0 Lot	\$5,645.00
330101	A2 \$1,000 (SCN)		
3400	Option Period 6 (FMS Case #xx-x-x xx) Option	1.0 Lot	\$5,645.00
3401	Option Period 7 (FMS Case #xx-x-x xx)	1.0 Lot	\$16,936.00
340101	A7 \$13,800.00 - FMS Case # SR-P-MAF (FMS Case #SR-P-M AF)		
3500	Option Period 8 (Other-OGVT) (OTHER) Option	1.0 Lot	\$753.00
3501	Option Period 9 (Other-OGVT) (OTHER)	1.0 Lot	\$2,258.00
350101	A6 \$2,258.00 (OTHER)		
3600	Option Period 10 (Other-PMC) (OTHER) Option	1.0 Lot	\$753.00
3601	Option Period 11 (Other-PMC) (OTHER)	1.0 Lot	\$56,000.00
360101	A3 \$1,204.88 (OTHER)		
360102	A4 \$48,663.00 (OTHER)		
3700	Option Period 12 (Other-APN) (OTHER) Option	1.0 Lot	\$376.00
3701	Option Period 13	1.0 Lot	\$0.00

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(Other-APN)
(OTHER)

3800 Option Period 14 1.0 Lot \$753.00
(Other-DWCF)
(OTHER)
Option

3801 Option Period 15 1.0 Lot \$2,258.00
(Other-DWCF)
(OTHER)
Option

3900 Option Period 16 1.0 Lot \$376.00
(Other-OMAR)
(OTHER)
Option

3901 Option Period 17 1.0 Lot \$6,129.00
(Other-OMAR)
(OTHER)
Option

For Cost Type Items:

4000 Services and materials to support the Naval Undersea Warfare Center Detachment Field Engineering Office's, Norfolk (NUWC DET FEO) implementation of a progressive repair capability for all DoD electronic, mechanical and electrical systems assigned to DoD components and the U.S. Coast Guard.

Item	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
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4100	Option Period 18 (O&MN,N) Option	30000.0	LH	\$1,035,632.00	\$82,552.00	\$1,118,184.00
4101	Option Period 19 (O&MN,N) Option	30000.0	LH	\$1,062,929.00	\$84,728.00	\$1,147,657.00
4102	Option Period 20 (O&MN,N) Option	29745.0	LH	\$1,080,955.00	\$86,165.00	\$1,167,120.00
4103	Option Period 21 (O&MN,N)	0.0	LH	\$0.00	\$0.00	\$0.00

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	Option				
4110	Option Period 55 (Other-OMAF) (OTHER) Option	269.0 LH	\$9,262.00	\$738.00	\$10,000.00
4111	Option Period 56 (Other-OMAF) (OTHER) Option	263.0 LH	\$9,262.00	\$738.00	\$10,000.00
4112	Option Period 57 (Other-OMAF) (OTHER) Option	255.0 LH	\$9,262.00	\$738.00	\$10,000.00
4113	Option Period 58 (Other-OMAF) (OTHER) Option	239.0 LH	\$9,262.00	\$738.00	\$10,000.00
4200	Option Period 22 (OPN) Option	15000.0 LH	\$517,564.00	\$41,256.00	\$558,820.00
4201	Option Period 23 (OPN) Option	15000.0 LH	\$531,206.00	\$42,344.00	\$573,550.00
4202	Option Period 24 (OPN) Option	15000.0 LH	\$544,848.00	\$43,431.00	\$588,279.00
4203	Option Period 25 (OPN) Option	10000.0 LH	\$390,084.00	\$31,094.00	\$421,178.00
4300	Option Period 26 (SCN) Option	800.0 LH	\$27,389.00	\$2,183.00	\$29,572.00
4301	Option Period 27 (SCN) Option	800.0 LH	\$28,110.00	\$2,241.00	\$30,351.00
4302	Option Period 28 (SCN) Option	800.0 LH	\$28,832.00	\$2,298.00	\$31,130.00
4303	Option Period 29 (SCN) Option	533.0 LH	\$20,633.00	\$1,645.00	\$22,278.00
4400	Option Period 30 (FMS Case #xx-x-x xx) Option	9000.0 LH	\$310,639.00	\$24,762.00	\$335,401.00
4401	Option Period 31 (FMS Case #xx-x-x xx) Option	9000.0 LH	\$318,827.00	\$25,414.00	\$344,241.00
4402	Option Period 32	9000.0 LH	\$327,015.00	\$26,067.00	\$353,082.00

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	(FMS Case #xx-x-x xx) Option				
4403	Option Period 33 (FMS Case #xx-x-x xx) Option	6000.0 LH	\$233,837.00	\$18,640.00	\$252,477.00
4500	Option Period 34 (Other-OGVT) (OTHER) Option	600.0 LH	\$20,541.00	\$1,637.00	\$22,178.00
4501	Option Period 35 (Other-OGVT) (OTHER) Option	600.0 LH	\$21,083.00	\$1,681.00	\$22,764.00
4502	Option Period 36 (Other-OGVT) (OTHER) Option	600.0 LH	\$21,624.00	\$1,724.00	\$23,348.00
4503	Option Period 37 (Other-OGVT) (OTHER) Option	400.0 LH	\$15,321.00	\$1,221.00	\$16,542.00
4600	Option Period 38 (Other-PMC) (OTHER) Option	2800.0 LH	\$96,363.00	\$7,681.00	\$104,044.00
4601	Option Period 39 (Other-PMC) (OTHER) Option	2800.0 LH	\$98,903.00	\$7,884.00	\$106,787.00
4602	Option Period 40 (Other-PMC) (OTHER) Option	2800.0 LH	\$101,443.00	\$8,086.00	\$109,529.00
4603	Option Period 41 (Other-PMC) (OTHER) Option	1867.0 LH	\$72,688.00	\$5,794.00	\$78,482.00
4700	Option Period 42 (Other-APN) (OTHER)	2180.0 LH	\$72,564.00	\$5,784.00	\$78,348.00
470001	B1 \$11,172.52 (OTHER)				
4701	Option Period 43 (Other-APN) (OTHER) Option	1000.0 LH	\$35,138.00	\$2,801.00	\$37,939.00
4702	Option Period 44 (Other-APN) (OTHER) Option	1000.0 LH	\$36,040.00	\$2,873.00	\$38,913.00

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4703	Option Period 45 (Other-APN) (OTHER) Option	667.0 LH	\$25,702.00	\$2,049.00	\$27,751.00
4800	Option Period 46 (Other-DWCF) (OTHER) Option	2731.0 LH	\$93,949.00	\$7,489.00	\$101,438.00
4801	Option Period 47 (Other-DWCF) (OTHER) Option	2737.0 LH	\$96,669.00	\$7,706.00	\$104,375.00
4802	Option Period 48 (Other-DWCF) (OTHER) Option	2745.0 LH	\$99,389.00	\$7,923.00	\$107,312.00
4803	Option Period 49 (Other-DWCF) (OTHER) Option	1761.0 LH	\$68,328.00	\$5,447.00	\$73,775.00
4900	Option Period 50 (Other-OMAR) (OTHER) Option	560.0 LH	\$19,273.00	\$1,536.00	\$20,809.00
4901	Option Period 51 (Other-OMAR) (OTHER) Option	560.0 LH	\$19,781.00	\$1,577.00	\$21,358.00
4902	Option Period 52 (Other-OMAR) (OTHER) Option	560.0 LH	\$20,289.00	\$1,617.00	\$21,906.00
4903	Option Period 53 (Other-OMAR) (OTHER) Option	373.0 LH	\$14,241.00	\$1,135.00	\$15,376.00

For ODC Items:

Item	Supplies/Services	Qty	Unit	Est. Cost

6000	Prime and Subcontractor Travel and Material with applicable burdens excluding fee			\$0.00
6100	Option Period 18 (O&MN,N) Option	1.0	Lot	\$7,365.00

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6101	Option Period 19 (O&MN,N) Option	1.0 Lot	\$7,367.00
6102	Option Period 20 (O&MN,N) Option	1.0 Lot	\$7,367.00
6103	Option Period 21 (O&MN,N) Option	1.0 Lot	\$0.00
6110	Option Period 55 (Other-OMAF) (OTHER) Option	1.0 Lot	\$3,000.00
6111	Option Period 56 (Other-OMAF) (OTHER) Option	1.0 Lot	\$3,000.00
6112	Option Period 57 (Other-OMAF) (OTHER) Option	1.0 Lot	\$3,000.00
6113	Option Period 58 (Other-OMAF) (OTHER) Option	1.0 Lot	\$3,000.00
6200	Option Period 22 (OPN) Option	1.0 Lot	\$16,936.00
6201	Option Period 23 (OPN) Option	1.0 Lot	\$16,936.00
6202	Option Period 24 (OPN) Option	1.0 Lot	\$16,936.00
6203	Option Period 25 (OPN) Option	1.0 Lot	\$11,291.00
6300	Option Period 26 (SCN) Option	1.0 Lot	\$5,645.00
6301	Option Period 27 (SCN) Option	1.0 Lot	\$5,645.00
6302	Option Period 28 (SCN) Option	1.0 Lot	\$5,645.00
6303	Option Period 29 (SCN) Option	1.0 Lot	\$3,763.00

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6400	Option Period 30 (FMS Case #xx-x-x xx) Option	1.0 Lot	\$16,936.00
6401	Option Period 31 (FMS Case #xx-x-x xx) Option	1.0 Lot	\$16,936.00
6402	Option Period 32 (FMS Case #xx-x-x xx) Option	1.0 Lot	\$16,936.00
6403	Option Period 33 (FMS Case #xx-x-x xx) Option	1.0 Lot	\$11,291.00
6500	Option Period 34 (Other-OGVT) (OTHER) Option	1.0 Lot	\$2,258.00
6501	Option Period 35 (Other-OGVT) (OTHER) Option	1.0 Lot	\$2,258.00
6502	Option Period 36 (Other-OGVT) (OTHER) Option	1.0 Lot	\$2,258.00
6503	Option Period 37 (Other-OGVT) (OTHER) Option	1.0 Lot	\$1,505.00
6600	Option Period 38 (Other-PMC) (OTHER) Option	1.0 Lot	\$2,258.00
6601	Option Period 39 (Other-PMC) (OTHER) Option	1.0 Lot	\$2,258.00
6602	Option Period 40 (Other-PMC) (OTHER) Option	1.0 Lot	\$2,258.00
6603	Option Period 41 (Other-PMC) (OTHER) Option	1.0 Lot	\$1,505.00
6700	Option Period 42 (Other-APN) (OTHER)	1.0 Lot	\$7,967.00

670001 B1 \$4,702.99

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(OTHER)

6701	Option Period 43 (Other-APN) (OTHER) Option	1.0 Lot	\$1,129.00
6702	Option Period 44 (Other-APN) (OTHER) Option	1.0 Lot	\$1,129.00
6703	Option Period 45 (Other-APN) (OTHER) Option	1.0 Lot	\$753.00
6800	Option Period 46 (Other-DWCF) (OTHER) Option	1.0 Lot	\$2,258.00
6801	Option Period 47 (Other-DWCF) (OTHER) Option	1.0 Lot	\$2,258.00
6802	Option Period 48 (Other-DWCF) (OTHER) Option	1.0 Lot	\$2,258.00
6803	Option Period 49 (Other-DWCF) (OTHER) Option	1.0 Lot	\$1,505.00
6900	Option Period 50 (Other-OMAR) (OTHER) Option	1.0 Lot	\$1,129.00
6901	Option Period 51 (Other-OMAR) (OTHER) Option	1.0 Lot	\$1,129.00
6902	Option Period 52 (Other-OMAR) (OTHER) Option	1.0 Lot	\$1,129.00
6903	Option Period 53 (Other-OMAR) (OTHER) Option	1.0 Lot	\$753.00

B30S LEVEL OF EFFORT - TERM (NOV 2006)

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

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SLIN	Funding	Base or Option #	Hours Government Site	Hours Contractor Site
1100	O&MN	Base	6,051	24,204
1101	O&MN	Option 1	6,000	24,000
4100	O&MN	Option 18	6,000	24,000
4101	O&MN	Option 19	6,000	24,000
4102	O&MN	Option 20	5,949	23,796
4103	O&MN	Option 21	RESERVED	RESERVED
1200	OPN	Option 2	1,000	4,000
1201	OPN	Option 3	1,871	7,484
4200	OPN	Option 22	3,000	12,000
4201	OPN	Option 23	3,000	12,000
4202	OPN	Option 24	3,000	12,000
4203	OPN	Option 25	2,000	8,000
1300	SCN	Option 4	53	213
1301	SCN	Option 5	2074	8,295
4300	SCN	Option 26	160	640
4301	SCN	Option 27	160	640
4302	SCN	Option 28	160	640
4303	SCN	Option 29	107	427
1400	FMS	Option 6	600	2,400
1401	FMS	Option 7	299	1197
4400	FMS	Option 30	1,800	7,200
4401	FMS	Option 31	1,800	7,200
4402	FMS	Option 32	1,800	7,200
4403	FMS	Option 33	1,200	4,800
1500	OGVT	Option 8	40	160
1501	OGVT	Option 9	120	480
4500	OGVT	Option 34	120	480
4501	OGVT	Option 35	120	480
4502	OGVT	Option 36	120	480
4503	OGVT	Option 37	80	320
1600	PMC	Option 10	187	747
1601	PMC	Option 11	1,414	5,658
4600	PMC	Option 38	560	2,240
4601	PMC	Option 39	560	2,240
4602	PMC	Option 40	560	2,240
4603	PMC	Option 41	373	1,493
1700	APN	Option 12	0(Eliminated in Mod 12, hours shifted to Option 42)0 (0(Eliminated in Mod 12, hours shifted to Option 42)
1701	APN	Option 13	0(Eliminated in Mod 12, hours shifted to Option 42)	0(Eliminated in Mod 12, hours shifted to Option 42)
4700	APN	Option 42	437	1,744
4701	APN	Option 43	200	800
4702	APN	Option 44	200	800
4703	APN	Option 45	133	533
1800	DWCF	Option 14	110	439
1801	DWCF	Option 15	140	559
4800	DWCF	Option 46	546	2,185
4801	DWCF	Option 47	547	2,190

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4802	DWCF	Option 48	549	2,196
4803	DWCF	Option 49	352	1,409
1900	OMAR	Option 16	37	149
1901	OMAR	Option 17	112	448
4900	OMAR	Option 50	112	448
4901	OMAR	Option 51	112	448
4902	OMAR	Option 52	112	448
4903	OMAR	Option 53	75	299
1111	OMAF	Option 54	55	222
4110	OMAF	Option 55	54	215
4111	OMAF	Option 56	53	210
4112	OMAF	Option 57	51	204
4113	OMAF	Option 58	48	191
		Total	62,760	251,040

20% OF THE HOURS ARE EXPECTED TO BE PERFORMED AT NUWC DIVNPT AND 80% OF THE HOURS ARE EXPECTED TO BE PERFORMED AT CONTRACTOR'S FACILITY.

The term of each CLIN is defined in section F of the task order. The total estimated level of effort is expected to occur evenly over the task order term.

(b) In the event that the incurred level of effort exceeds by 5% or less of the task order requirement, but does not exceed the estimated cost of the task order, the Contractor shall be entitled to cost reimbursement for actual hours expended, not to exceed the ceiling cost. The Contractor shall not be paid fixed fee, however, on level of effort in excess of 100% without complying with subsection (d) below. This understanding does not supersede or change subsection (d) below, whereby the Contractor and Government may agree on a change to the task order level of effort with an equitable adjustment for both cost and fee.

(c) Either the "Limitation of Cost" or the "Limitation of Funds" clause, depending upon whether or not the task order is fully funded, applies independently and nothing in this clause amends the rights or responsibilities of the parties hereto under either of those two clauses. In addition, the notifications required by this clause are separate and distinct from any specified in either the "Limitation of Cost" or "Limitation of Funds" clause.

(d) The Contractor shall notify the Task Order Ordering Officer immediately in writing whenever it has reason to believe that:

(1) The level of effort the Contractor expects to incur under the task order in the next 60 days, when added to the level of effort previously expended in the performance of the task order, will exceed 75% of the level of effort established for the task order; or

(2) The level of effort required to perform the task order will be greater than the level of effort established for the task order.

As part of the notification, the Contractor shall provide the Task Order Ordering Officer a revised estimate of the level of effort required to perform the task order. As part of the notification, the Contractor also shall submit any proposal for adjustment to the estimated cost and fixed fee that it deems would be equitable if the Government were to increase the level of effort as proposed by the Contractor. Any such upward adjustment shall be prospective only; i.e., will apply only to effort expended after a modification (if any) is issued. However, whether an increase in fixed fee is appropriate shall depend on the circumstances involved, and, except as otherwise provided in the task order, shall be entirely within the discretion of the Contracting Officer. In no event, however, shall the fixed fee be increased unless the revised level of effort exceeds the previously established level of effort by more than 10%.

(e) In the event that less than 100% of the established level of effort, or if said level of effort has been previously revised upward, of the fee bearing portion of the additional hours by which the level of effort was last increased, is actually expended by the completion date of the task order, the Government shall have the option of;

(1) Requiring the Contractor to continue performance, subject to the provisions of the limitation of cost clause, or, as applicable, the limitation of funds clause, until the effort expended equals 100% of the original level of effort or of the fee bearing portion of the last upward revision; or

(2) Effecting a reduction in the fixed fee by the percentage by which the total expended man-hours is less than 100% of the original level of effort or the fee bearing portion of the last upward revision.

(f) Within thirty days after completion of the base period and each exercised option, the Contractor shall submit the following information in writing directly to the Task Order Ordering Officer, the TOM and the Defense Contract Audit Agency office to which vouchers are submitted.

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- (1) The total number of man-hours of direct labor expended;
- (2) A breakdown of this total showing the number of man-hours expended in each direct labor classification utilized for performance, including the identification of the key employees utilized;
- (3) The Contractor's estimate of the total allowable cost incurred under the task order.
- (4) In the case of a cost underrun, the amount by which the estimated cost of the task order may be reduced to recover excess funds.

B42S OPTIONS (JUN 2005)

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

SLIN	Funding	Base or Option #	Exercise No Later Than
1101/3101	O&MN	Option 1	10/31/2009
4100/6100	O&MN	Option 18	10/31/2010
4101/6101	O&MN	Option 19	10/31/2011
4102/6102	O&MN	Option 20	10/31/2112
4103/6103	O&MN	Option 21	RESERVED
1200/3200	OPN	Option 2	8/31/2008
1201/3201	OPN	Option 3	12/31/2008
4200/6200	OPN	Option 22	12/31/2009
4201/6201	OPN	Option 23	12/31/2010
4202/6202	OPN	Option 24	12/31/2011
4203/6203	OPN	Option 25	12/31/2012
1300/3300	SCN	Option 4	8/31/2008
1301/3301	SCN	Option 5	12/31/2008
4300/6300	SCN	Option 26	12/31/2009
4301/6301	SCN	Option 27	12/31/2010
4302/6302	SCN	Option 28	12/31/2011
4303/6303	SCN	Option 29	12/31/2012
1400/3400	FMS	Option 6	8/31/2008
1401/3401	FMS	Option 7	<u>3/31/2009</u>
4400/6400	FMS	Option 30	12/31/2009
4401/6401	FMS	Option 31	12/31/2010
4402/6402	FMS	Option 32	12/31/2011
4403/6403	FMS	Option 33	12/31/2012
1500/3500	OGVT	Option 8	8/31/2008
1501/3501	OGVT	Option 9	<u>3/31/2009</u>
4500/6500	OGVT	Option 34	12/31/2009
4501/6501	OGVT	Option 35	12/31/2010
4502/6502	OGVT	Option 36	12/31/2011
4503/6503	OGVT	Option 37	12/31/2012
1600/3600	PMC	Option 10	8/31/2008
1601/3601	PMC	Option 11	12/31/2008
4600/6600	PMC	Option 38	12/31/2009
4601/6601	PMC	Option 39	12/31/2010
4602/6602	PMC	Option 40	12/31/2011

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4603/6603	PMC	Option 41	12/31/2012
1700/3700	APN	Option 12	Eliminated in Mod 12
1701/3701	APN	Option 13	Eliminated in Mod 12
4700/6700	APN	Option 42	4/30/2009
4701/6701	APN	Option 43	12/31/2010
4702/6702	APN	Option 44	12/31/2011
4703/6703	APN	Option 45	12/31/2012
1800/3800	DWCF	Option 14	8/31/2008
1801/3801	DWCF	Option 15	12/31/2008
4800/6800	DWCF	Option 46	12/31/2009
4801/6801	DWCF	Option 47	12/31/2010
4802/6803	DWCF	Option 48	12/31/2011
4803/6804	DWCF	Option 49	12/31/2012
1900/3900	OMAR	Option 16	8/31/2008
1901/3901	OMAR	Option 17	12/31/2008
4900/6900	OMAR	Option 50	12/31/2009
4901/6901	OMAR	Option 51	12/31/2010
4902/6902	OMAR	Option 52	12/31/2011
4903/6903	OMAR	Option 53	12/31/2012
1111/3111	OMAF	Option 54	2/28/2009
4110/6110	OMAF	Option 55	12/31/2009
4111/6111	OMAF	Option 56	12/31/2010
4112/6112	OMAF	Option 57	12/31/2011
4113/6113	OMAF	Option 58	12/31/2012

B43SX OPTIONS AND BASIC AWARD TERM (JAN 2005)

This task order contains options that, if exercised, would go beyond the current contract period of performance. The Government and the Contractor agree that performance will not continue beyond the basic contract period of performance.

B51S PAYMENT OF FIXED FEE - TERM (NOV 2005)

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

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

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

STATEMENT OF WORK

1.0 BACKGROUND

Naval Undersea Warfare Center Detachment Field Engineering Office Norfolk (NUWCDEFEONOR) is a direct field support agency for Department of Defense components. NUWCDEFEONOR is chartered with broad-based engineering responsibilities related to life cycle maintenance, service and repair of electronic equipments and systems throughout DOD and is organized as a flexible MTR technical support facility providing service wherever tasked.

2.0 SCOPE

2.1 This Task Order will provide services and materials to support NUWCDEFEONOR responsibilities for implementation of DOD maintenance policies as delegated to the Department of Navy. This includes implementing a progressive repair capability and training for all DoD electronic, mechanical and electrical systems assigned to DoD components and the U.S. Coast Guard. These support services shall support all equipment and systems containing electronic Circuit Card Assemblies (CCAs), Circuit Card Modules (CCMs), Electronic Modules (EMs) and Printed Circuit Boards (PCBs), installed in military shore base facilities, U.S. Navy ships, submarines and aircraft, U.S. Coast Guard ships and aircraft, U.S. Air Force equipment, U.S. Marine Corps and Marine aviation equipment, U.S. Army equipment, and designated countries with Foreign Military Sales (FMS) agreements with the United States.

2.1.1 The Contractor shall assist in the development and validation of Gold Disk, Silver Disk and Pinpoint Test Routines using Government furnished Test Stations. Contractor requirements include training and certification of Users, Developers, Instructors and Verifiers, and Commands and Activities associated with the Module Test and Repair Program.

2.1.2 This Task Order will provide services as ordered by NUWCDEFEONOR in support of its responsibilities including the following systems and future variants:

- AN/USM-674
- AN/USM-646
- AN/USM-676

2.2 The Contractor shall provide technical and logistics support services, materials and products to perform the requirements of the Task Order. Areas of performance will be as specified in Technical Instructions and could be worldwide.

2.3 The Contractor shall furnish all labor, materials and facilities and shall fabricate, assemble, receive, inventory, verify, package, temporarily store, and ship material and equipment necessary in the performance of the tasks. The Contractor shall acquire or provide those incidental material items and facilities necessary to complete tasking except for those facilities, material and equipment to be provided by the government.. Government Furnished Equipment (GFE) and Government Furnished Information (GFI) will be provided as required.

3.0 APPLICABLE DOD/MIL SPECIFICATIONS STANDARD DOCUMENTS

The following documents will apply at the latest revision level

MIL-STD-129P Standard Practice for Military Marking

MIL-STD-130M Identification Marking of U.S. Military Property

MIL-STD-1686C Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies, and Equipments.

MIL-E-17555H (2) Electronic and Electrical Equipment, Accessories, and Provisioned Items (Repair Parts): Packing of

MIL-STD-1840C Automated Interchange of Technical Information

MIL-STD-196E Joint Electronics Type Designation System.

MIL-STD -202G Test Method Standard for Electronic and Electrical Component Parts

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MIL-HDBK-217F (2) Reliability Prediction of Electronic Equipment
MIL-STD-2110 Restoration, Overhaul, and Repair of Electronic Equipment
MIL-HDBK-263B Electrostatic Discharge Control Handbook for Protection of Electrical and Electronic Parts, assemblies and Equipment (Excluding Electrically Initiated Explosive Devices).
MIL-PRF-28000B Digital Representation for Communication of Product Data. IGES Application Subsets and IGES Application Protocols.
MIL-DTL-31000C Technical Data Packages
MIL-PRF-32070 Test Program Sets
MIL-PRF-5480G Data, Engineering and Technical: Reproduction
MIL-STD-810F Environmental engineering Considerations and Laboratory Tests.
MIL-STD-882D Standard Practice for System Safety
MIL-STD-883G Standard Practice for Testing Microcircuits
STE004-AK-TRS- Standard Maintenance Practices
010/2M Miniature/Microminiature (2M) Electronic Assembly Repair
ST821-AD-MMO-010 Department of Defense Tracker 5100DS Technical Reference Manual
ST821-AE-MMO-010 Department of Defense Huntron Tracker 2000 A/B Operation and Maintenance Manual
ST821-AF-MMO-010 Department of Defense Huntron Switcher 410 Operation and Maintenance Manual
ST821-AG-PRO-010 Department of Defense MTR Gold Disk Test Routine Development Requirements Manual
ST821-AQ-MMO-010 Department of Defense Robotic Prober RP-388; Test Station, Electrical-Electronic; Reference Manual
ST821-AR-PRO-010 Department of Defense AN/USM-658 (V) Gold Disk Development Procedures
ST900-HN-GPT-010 Department of Defense, Module Test and Repair User's Manual (AN/USM-646(V)
ST900-HN-GPT-020 Department of Defense Protrack I Model 20A/Protrack Scanner I Technical Reference and Operation Manual
T.O. 00-25-234 General Shop Practices for the Repair, Maintenance and Change 36 Test of Electrical Equipment (USAF)TE-000-AA-MAN-010/2M Certification Manual for Miniature/Microminiature (2M)/ Module Test and Repair (MTR) Program

4.0 REQUIREMENTS

The Contractor shall perform the Statement of Work tasks which are in accordance with the following Seaport MAC SOW areas: 3.2, 3.5, 3.6, 3.7, 3.10, 3.12, 3.16, 3.17, 3.18, 3.19 and 3.20. Technical Instructions will further define the scope tasking and deliverables.

4.1 ENGINEERING SUPPORT SERVICES

4.1.1 The Contractor shall provide engineering services to support equipment and system modification, fabrication, assembly and installation. Subsystems may consist of, components, modules, circuits, cables, test and support equipment, tools, jigs, fixtures. The Contractor shall provide shipboard interfaces supporting new or modified systems and equipment. The contractor shall provide a report in accordance with CDRL A004.

4.1.2 The Contractor shall perform reverse engineering analyses on electronic and electromechanical circuit card assemblies, printed circuit cards, electronic modules and other system hardware. These efforts may require delivery of a design disclosure technical data package. Details concerning the substitution of piece parts and requirements concerning logistic equivalency (exact reproductions) will typically be provided in Technical Instructions.

4.1.3 The Contractor shall analyze production engineering efforts. These analyses may include costs of production, production changes, waivers and deviations, and problems and progress concerning production and quality assurance.

4.1.4 The Contractor shall develop procedures and acceptance criteria to evaluate disciplines such as computer software programs, engineering, test and evaluation, maintenance, logistics requirements, manufacturing processes, methods, and technologies. The contractor shall provide a report in accordance with CDRL A004.

4.1.5 The Contractor shall develop, maintain, review, and execute equipment and facility requirement studies and plans, review production cost estimates, conduct product analyses and production capability assessments and surveys.

4.1.6 The Contractor shall analyze operational and maintenance performance data to determine design defects detracting from the equipment or system's capability to perform its intended operational requirements and its maintainability and reliability requirements.

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4.1.7 The Contractor shall review and detail corrections or improvements for translation into Engineering Changes (ECs). The contractor shall provide a report in accordance with CDRL A004.

4.1.8 The Contractor shall review ECs and alterations for their impact on performance, reliability, maintainability, availability, logistics support, safety, and life cycle requirements. The contractor shall provide a report in accordance with CDRL A004.

4.1.9 The Contractor shall deliver operational equipment and systems. The contractor shall provide technical engineering consultation services for specific levels of maintenance at Depot, Intermediate and Organizational levels.

4.1.10 The Contractor shall analyze the serviceability of equipments delivered to installation activities, either from production contractor or overhaul/rework facility, by providing adequate protection, inspections and maintenance prior to installation and re-installation.

4.1.11 The Contractor shall critically examine new installation designs and physical layouts to evaluate whether they will effect the reliability of equipment (i.e. proper cooling and ventilation), allows ease of access for maintenance, and is suitable for operational interaction (i.e. location, height) of the operator. The Contractor shall recommend corrective modifications and alterations to the new installation designs while assessing benefits versus costs. The contractor shall provide a report in accordance with CDRL A002 and A004.

4.1.12 The Contractor shall develop and validate Gold, Silver and Pinpoint Test Routine Disks for all of DOD, U.S. Coast Guard, and designated FMS activities in accordance with ST821-AG-PRO-010. The contractor shall provide a report in accordance with CDRL A002 and A004.

4.1.13 All contractor workstations shall be Electrostatic Discharge safe, with a constant monitoring system in accordance with MIL-HDBK-263B and DOD-STD-1686C. The contractor shall provide a report in accordance with CDRL A002.

4.1.14 DELIVERABLE PRODUCT AND SCHEDULE

The contractor shall deliver Status Reports in accordance with CDRL A002 and Technical Reports in accordance with CDRL A004.

4.1.15 PERFORMANCE STANDARDS

Status and Technical Reports are accurate, complete and delivered in a timely fashion in accordance with CDRL's A002 and A004.

4.2 FLEET SUPPORT

4.2.1 The Contractor shall analyze equipment casualties and effect repairs and other maintenance actions on deployed equipment installed in any DoD unit, Coast Guard unit, shore facility, or commercial facility worldwide.

4.2.2 The Contractor shall configure and install systems and equipment including Ship Alterations, Engineering Changes onboard any DOD activity, US Coast Guard activity, shore facility, FMS activity or commercial facility worldwide as required. The Contractor will be required to perform inspections and annotate class and/or ship drawings, in preparation for installation, alteration, change, upgrade, retrofit, or ripout of equipment. The Contractor may be required to attend the first installations, alterations, or ripouts of a ship type or Class to analyze whether these efforts are in accordance with their designed specifications and operational requirements and provide recommendations for any possible improvements and corrections. The Contractor shall develop, revise and perform installation and checkout procedures and requirements. The contractor shall provide a report in accordance with CDRL A004.

4.2.3 Contractor shall perform refurbishment, restoration, overhaul, and repair of equipment in any DOD activity, U.S. Coast Guard activity, shore facility, or commercial facility worldwide.

4.2.4 Contractor shall provide technical assistance to any DOD, Coast Guard, FMS facility, or commercial facility worldwide through a Troubleshooting Help Desk.

4.2.5 DELIVERABLE PRODUCT AND SCHEDULE

The contractor shall deliver Technical Reports in accordance with CDRL A004.

4.2.6 PERFORMANCE STANDARDS

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Technical Reports are accurate, complete and delivered in a timely fashion in accordance with CDRL A004; All responses to help desk troubleshooting calls are timely and technically correct.

4.3 INTEGRATED LOGISTICS SUPPORT

4.3.1 The Contractor shall conduct engineering analyses or technical assessments of repair and maintenance concepts and plans. The maintenance concept and specific logistic support resources required at each maintenance level may typically be examined to evaluate whether the plan is consistent with the equipment's overall mission requirements. The contractor shall provide a report in accordance with CDRL A002 and A005.

4.3.2 In accordance with Applicable Documents listed in Paragraph 3.0, the Contractor shall prepare maintenance plans for specified systems and perform Logistics Support Analyses, Failure Modes Effects and Criticality Analyses, Level of Repair Analyses, and technical assessments of Logistics, Operational, and Repair Analyses (LORA) for equipment such as CCAs, PCBs, EMs. Emphasis shall be on assessing total system logistic support, physical configuration, transportability, accessibility, maintainability, Built-in Test/Built-in Test Equipment (BIT/BITE), interchangeability, criticality, standardization, human factors, component reliability, and the incorporation of changes defined by logistic considerations. The contractor shall provide a report in accordance with CDRL A007.

4.3.3 The Contractor shall develop, maintain, review, validate, verify, or modify technical documentation pertaining to submarine and surface ship undersea warfare systems and equipments. This includes technical manuals and other publications which support the system/equipment such as maintenance manuals, operations manuals, overhaul and repair manuals and may include cards, sheets, and pamphlets which contain excerpts of these publications. The contractor shall provide a report in accordance with CDRL A006 and A008.

4.3.4 The Contractor shall develop, maintain, review, evaluate, and modify plans and other documents for Packaging, Handling, Storage and Transportation (PHS&T) considerations. Typically, such analyses, reviews, and planning would consider adequacy levels of protection, preservation, container design, functionality, reusability, and markings. The Contractor shall perform PHS&T functions and procure material necessary for implementation of the task.

4.3.5 The Contractor shall prepare plans for the development and formal certification of maintenance depots and designated overhaul points. Each plan may typically define how certification will be performed, the participants and their responsibilities, schedule milestones, and may contain requirements for reports and records. The Contractor shall review the depot's technical and maintenance overhaul and repair standards, control manuals, work instructions, and other published technical data used by technicians during overhaul and repair of equipment for accuracy and compliance with industry standards. The contractor shall provide a report in accordance with CDRL A002.

4.3.6 The Contractor shall develop, maintain, review and modify Provisioning Technical Data (PTD) and Program Support Data (PSD) sheets. The Contractor shall review Source, Maintenance, and Recoverability (SM&R) codes for applicability and accuracy, recommending modifications where required. Efforts shall include analysis of Provisioning Parts Lists (PPL), Design Change Notices (DCN), Long Lead Time Items Lists (LLTIL), and Repairable Items Lists (RIL). The contractor shall provide a report in accordance with CDRL A005.

4.3.7 The Contractor shall review Allowance Parts Lists (APL) and Allowance Requirements Registers (ARR) and reconcile and update these with equipment technical data. Technical Instruction may define interim material support requirements. Typically, this would involve utilizing maintenance plans, phased support plans, site/unit activation schedules and weapons systems planning documents to determine or evaluate the support material list, contractor support, and repair of repairable items.

4.3.8 The Contractor shall develop, maintain, review, and modify existing supply support processes, documents, and data. Typically, this shall include investigations, reviews, and evaluations of parts utilization data, Defense Logistics Support Center screening requirements, recommending improved supply procedures to affect a more efficient system, and evaluating inventory control point effectiveness.

4.3.9 The Contractor shall store GFE and system support material. The contractor shall provide a report in accordance with CDRL A004.

4.3.10 The Contractor shall provide depot repair parts to support restoration and EC retrofit kit installations on hardware returned from the fleet.

4.3.11 The Contractor shall maintain a depot of spare parts to support maintenance of CCA/CCMs. This tasking

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involves inventory, sorting, assembly of piece part into piece part cabinets or piece part cabinet assembly for storage or shipping to designated activities.

4.3.12 The Contractor shall review the adequacy of shipboard electronic workshops, standard workshop loans and tools allowances, and recommend improvements.

4.3.13 The Contractor shall evaluate whether provisioning reflects proper maintenance and support requirements of installed equipment configuration. The Contractor shall monitor Maintenance Data/System/Casualty Report (MDS/CASREP) and other data to evaluate whether equipments are properly supported. The Contractor shall recommend APL changes to optimize the supply support of operational systems."

4.3.14 DELIVERABLE PRODUCT AND SCHEDULE

The contractor shall deliver Status Reports in accordance with CDRL A002-A003, Technical Reports in accordance with CDRL A004, Technical Report-Study Services in accordance with CDRL A0005, Technical Manual Validation Plans in accordance with A006, Maintenance Support Plans in accordance with A007 and Report, Record of Meeting/Minutes in accordance with A008.

4.3.15 PERFORMANCE STANDARDS

Status Reports, Technical Reports, Technical Report-Study Services, Technical Manual Validation Plans, Maintenance Support Plans and Reports, Records of Meeting/Minutes are accurate, complete and delivered in a timely fashion in accordance with CDRL's A003-A008; Contractor shall maintain a sufficient inventory of spare parts to provide replacement of commonly damaged components of CCA/CCMs.

4.4 TEST AND EVALUATION

4.4.1 The Contractor shall test and evaluate hardware, software, and firmware installed in any vessel, shore facility, or commercial facility worldwide. These tasks may typically include preparing inputs for test plans, reviewing test plans and procedures, conducting and monitoring equipment testing, analyzing test results, and validating recommendations and conclusions based on test data. The Contractor shall develop and revise automated test data, test plans, and hardware and software needed to support testing. The Contractor shall identify the need for, develop, maintain, review, and execute detailed test procedures. The contractor shall provide a report in accordance with CDRL A002.

4.4.2 The Contractor shall test and repair electronic components and circuit card assemblies. Test and Repair efforts may require removal and reinstallation of conformal coatings, performance of Miniature/Micro-Miniature repairs, replacement of defective parts, testing, and analysis of existing technical documentation such as technical manuals, logistics support data, engineering drawings, etc. The contractor shall provide a report in accordance with CDRL A002.

4.4.3 The Contractor shall review and comment on test documents to evaluate whether they comply with stated test requirements, adequately control equipment quality and performance, and facilitate simplicity of implementation.

4.4.4 The Contractor shall develop pre-arrival shipyard inspection procedures. The contractor shall provide a report in accordance with CDRL A002.

4.4.5 The Contractor shall prepare and maintain test procedures for the checkout of equipment subsystems that it installs, including system circuit tests, systems operability tests, and quality assurance tests. The contractor shall provide a report in accordance with CDRL A002.

4.4.6 The Contractor shall develop, review, and validate system certification and checkout procedures. The contractor shall assist in locating vendors for the acquisition of Miniature and Microminiature piece parts (2MPP) that are no longer available in the Federal stock system.

4.4.7 The Contractor shall provide engineering assistance and attend shipboard or shipyard installations and testing as requested by the installing activity, and as approved by NAVSEA.

4.4.8 The Contractor shall review the adequacy of MTR test equipment stowage. The Contractor shall develop and propose alterations to improve stowage.

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4.4.9 DELIVERABLE PRODUCT AND SCHEDULE

The contractor shall deliver Status Reports in accordance with CDRL A002.

4.4.10 PERFORMANCE STANDARDS

Status Reports are accurate, complete and delivered in a timely fashion in accordance with CDRL A002.

4.5 RELIABILITY, MAINTAINABILITY, AVAILABILITY AND QUALITY ASSURANCE

4.5.1 The Contractor shall analyze maintenance data with respect to reliability and maintainability. This effort may typically include Mean Time Between Failure (MTBF) analyses, determining replaceable item failure rates, and assessing operational availability (Ao). The contractor shall provide a report in accordance with CDRL A005.

4.5.2 The Contractor shall analyze failures in hardware, software, and firmware. This effort shall include developing methods to review, track, inventory, and gather technical information for responses to user problem reports. The Contractor shall analyze operational and maintenance performance data to determine effectiveness and limitations, and recommend improvements.

4.5.3 The Contractor shall investigate failures of hardware, software, and firmware to isolate the causative defect and recommend possible corrective actions. The Contractor shall analyze hardware, software, and firmware performance through an assessment of data generated during fleet maintenance, testing, or training exercises. These analyses shall be in accordance with requirements in the Technical Instructions and may typically include system performance data, maintenance data, mishap reports, and false rejection data.

4.5.4 The Contractor shall identify requirements, develop, maintain, analyze, review, modify, and execute QA policies, plans, and documents.

4.5.5 The Contractor shall certify the adequacy of its repair standards, procedures, and facilities. The contractor shall provide a report in accordance with CDRL A002.

4.5.6 DELIVERABLE PRODUCT AND SCHEDULE

The contractor shall deliver Status Reports in accordance with CDRL A002 and Technical Reports-Study/Services in accordance with CDRL A005.

4.5.7 PERFORMANCE STANDARDS

Status Reports and Technical Reports-Study/Services are accurate, complete and delivered in a timely fashion in accordance with CDRLs A002 and A005.

4.6 DATA ANALYSIS AND INFORMATION MANAGEMENT

4.6.1 The Contractor shall develop, maintain, and review technical data packages consisting of any or all documents that support an item of hardware, software, and firmware. Typically, these efforts may include draft, manuscript, preliminary, and final versions of existing documents. The Contractor shall review and comment on the contents in order to recommend specifications, performance thresholds, methods of testing, cleaning, inspection, and packaging which will facilitate completion and correction of the technical data package. The contractor shall provide a report in accordance with CDRL A002.

4.6.2 The Contractor shall review technical data packages for associated product testability and reparability. The Contractor may be required to examine the data packages for compliance with part specifications, dimensions and tolerances, manufacturing processes, quality assurance procedures (including tests and inspections), proprietary parts or processes, and drawing practices.

4.6.3 The Contractor shall develop and revise procedures and documentation used to track, inventory, and provide reports concerning work in process, completed, distributed, or under revision. This shall include analyses to evaluate and compare systems and procedures, including ease of use, adequacy, life cycle cost, reparability, and maintainability in both shore and fleet use. The contractor shall provide a report in accordance with CDRL A002.

4.6.4 The Contractor shall perform field data analyses on hardware, software, and firmware. Typically, this effort will require the contractor to identify existing Government sources of information, collect available maintenance data from these sources, analyze this data, identify trends or problems affecting mission requirements, and recommend changes to design or maintenance requirements to improve availability and performance.

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4.6.5 The Contractor shall investigate management information systems and make recommendations as to their effectiveness, appropriateness, and value as it relates to DOD, Coast Guard or FMS warfare systems and equipments. Typically, this effort will include formulation of alternative methods to accomplish the desired objectives, including their strong and weak points, recommendations on integrating existing systems or using other Government data systems, and providing system definitions of alternatives. This may include design of any such system and a system specification which would include system equipment and computer program requirements, data types and structure, user and existing Government data system interfaces, and output formats. The contractor shall provide a report in accordance with CDRL A005.

4.6.6 The Contractor shall develop, maintain, review, and modify a data management system and input/verify data on both management and engineering documents.

4.6.7 The Contractor shall duplicate, and produce prints from microfilm aperture cards, or compact disks. The Contractor shall store data on magnetic and optical media as specified in Technical Instructions. The Contractor shall operate a data repository containing engineering and management data. Typically, this data consists of items such as engineering drawings, manuals, workload, labor distribution, cost and other documents for which hard copy masters are to be retained. Typically, the Contractor would receive documents, maintain an automated logging system, copy each document on microfilm for protection on a sequential number system, remove and release documents as requested, maintain a record of master and copy holders, provide reproduction and distribution, and perform other librarian type tasks. The contractor shall provide a report in accordance with CDRL A004.

4.6.8 The contractor shall order and obtain via government programs and processes three benchmark "A" condition CCA's which will become part of the Technical Data Package (TDP).

4.6.9 DELIVERABLE PRODUCT AND SCHEDULE

The contractor shall deliver Status Reports in accordance with CDRL A002, Technical Reports in accordance with CDRL A004 and Technical Reports-Study/Services in accordance with CDRL A005.

4.6.10 PERFORMANCE STANDARDS

Status Reports, Technical Reports and Technical Reports-Study/Services are accurate, complete and delivered in a timely fashion in accordance with CDRLs A002, A004 and A005.

4.7 TRAINING

4.7.1 The Contractor shall develop, maintain, and review training courses and materials. Technical Instructions may require the Contractor to utilize automated curricula tools such as Authoring Instructional Materials (AIM). These efforts shall include the preparation and revision of Instructor and Student training documentation. The contractor shall provide a report in accordance with CDRL A004.

4.7.2 The Contractor shall train instructors, operators, developers and maintenance personnel. This effort will include pre-staging training material and equipment, delivery, set up, and checkout of training systems prior to course start. The Contractor shall conduct classroom training for any designated DOD activity, U.S. Coast Guard activity or foreign activity with foreign military sales agreements with the United States. The contractor shall provide a report in accordance with CDRL A004.

4.7.3 The Contractor shall provide a list of personnel trained, location of training and personnel base locations in accordance with CDRL A004.

4.7.4 The Contractor shall analyze instructor and student evaluations and comments to evaluate whether training documentation or procedures need correction or improvement

4.7.5 The Contractor shall audit, evaluate and re-certify 2M/MTR instructors and training courses conducted for the MTR Program in accordance with TE000-AA-MAN-010/2M

4.7.6 The Contractor shall review and develop Navy Training System Plans (NTSPs) for the 2M/MTR Program.

4.7.7 The Contractor shall conduct at-sea Tactical/Operational fleet introduction training for systems. The contractor shall provide a report in accordance with CDRL A004.

4.7.8 DELIVERABLE PRODUCT AND SCHEDULE

The contractor shall deliver Technical Reports in accordance with CDRL A004. .

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4.7.9 PERFORMANCE STANDARDS

Technical Reports are accurate, complete and delivered in a timely fashion in accordance with CDRL A004.

4.8 CONFIGURATION MANAGEMENT

4.8.1 The Contractor shall maintain, review, modify and develop draft configuration management policies, plans, and documents. The Contractor shall recommend items for configuration management. Typically, the item identification function shall ensure the complete definition of all technical documentation required to describe the functional and physical characteristics of items designated for configuration management. The contractor shall verify technical documentation which define the baseline as being current, approved, and available for use at the times they are needed.

4.8.2 The Contractor shall review existing configuration status accounting data systems and analyze their adequacy in meeting configuration status accounting requirements. Typically, the factors to be considered include schedule, cost, maintenance, data structure, host system, development effort, and application. The Contractor shall research the requirements for and recommend alternative configuration status accounting system(s) to be used and/or developed to meet program requirements. The Contractor shall adapt an existing system or create a new system to meet program requirements and record configuration changes through each life-cycle phase of the system. The Contractor shall analyze data recording requirements and recommend what data elements require accounting, as well as the most cost-effective data set.

4.8.3 The Contractor shall verify that hardware and computer programs, Configuration Items (CIs), and their configuration identification are accurate, complete, adequate to establish the product baseline, and compatible with the next higher level design documentation. Specific criteria will be included in the Technical Instructions. For the Functional Configuration Audit (FCA), the Contractor shall typically review the configuration item's technical documentation and analyze the comparison with its functional characteristics. Similarly, the Contractor may typically provide a technical evaluation in conducting a Physical Configuration Audit (PCA) to ensure that the configuration item's physical configuration is in agreement with its documentation description. These efforts may also include requirements to determine the correlation of the design configuration with the released production configuration. The contractor shall provide a report in accordance with CDRL A004.

4.8.4 DELIVERABLE PRODUCT AND SCHEDULE

The contractor shall deliver Technical Reports in accordance with CDRL A004. .

4.8.5 PERFORMANCE STANDARDS

Technical Reports are accurate, complete and delivered in a timely fashion in accordance with CDRL A004.

4.9 COMPUTER RESOURCES MANAGEMENT

4.9.1 The Contractor shall identify, develop, maintain, review, and modify requirements for all embedded, desk top or associated computer hardware, software, and firmware as relates to surface and submarine electronic components and equipment. Typically, the Contractor will be required to review and assess software changes for impact on logistics support and review life-cycle management plans which address the scope and purpose of computer resources support for impact upon interchangeability, producibility, and standardization.

4.9.2 PERFORMANCE STANDARDS

Reviews and assessments follow applicable documents in Section 3.0, current DoD Policy and/or industry standard, reflect accurate program information and are delivered in a timely manner.

4.10 FACILITIES SUPPORT

4.10.1 The Contractor shall recommend facility requirements necessary for system operation and maintenance. Typically, this may include consideration of space, volume, capital equipment, utilities, temperature, humidity, storage, shelf space, facility environment, and related issues concerning the facility's overall mission and operational requirements.

4.10.2 The Contractor shall recommend requirements, develop, maintain, analyze, review, modify, and execute repair facility policies, plans, and documents. This shall include an analysis of the physical environment of work spaces, considering space size, lighting, power requirements, equipment placement, ease of maintenance, and human

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engineering factors. The contractor may be required to procure any specialized equipment necessary to meet the requirements.

4.10.3 The Contractor shall monitor the effectiveness of activities engaged in restoration and overhaul of selected equipments, groups, units, assemblies, or subassemblies.

4.10.4 PERFORMANCE STANDARDS

Recommendations, analysis and monitoring follow applicable documents in Section 3.0, current DoD Policy and/or industry standard, reflect accurate program information and are delivered in a timely manner.

4.11 TEST EQUIPMENT, TOOLS, JIGS, AND FIXTURES TASKS

4.11.1 The Contractor shall fabricate, manufacture, or assemble test equipment, tools, jigs, or fixtures required to support the testing and evaluation of hardware, software, or firmware. The Contractor shall acquire or procure those incidental items necessary to complete the tasking.

4.11.2 The Contractor shall analyze the requirements for, develop, maintain, review, or modify associated lists for test and support equipment. Typically, these reviews and analyses may include reviews of the Logistic Support Analysis Records to assess whether all requirements for support and test equipment have been optimized (variety and quantity), that considerations for general or special purpose support equipments have been fully supported, that the selection process is based on cost effectiveness, and that reliability and maintainability features of the support equipment is compatible with the prime equipment.

4.11.3 The Contractor shall conduct engineering analyses of test equipment to include test and evaluation of commercial off-the-shelf testers. This effort shall include developing test and evaluation plans, conducting an analysis of test results, and preparation of reports. The contractor shall provide a report in accordance with CDRL A005.

4.11.4 The Contractor shall review and develop technical documentation, technical manuals, preventive maintenance instructions, and various logistics documentation for test equipment.

4.11.5 DELIVERABLE PRODUCT AND SCHEDULE

The contractor shall deliver Technical Reports-Study/Services in accordance with CDRL A005.

4.11.6 PERFORMANCE STANDARDS

Technical Reports-Study/Services are accurate, complete and delivered in a timely fashion in accordance with CDRLs A005.

4.12 PRESENTATIONS, TRAVEL, MEETINGS

4.12.1 The Contractor shall attend periodic program, project, and associated technical meetings for the purpose of gathering program related information and issues. The Contractor shall be required to travel in order to perform this task. The contractor shall be responsible for the taking of minutes and the publication of agendas, reports, and action items lists, in accordance with CDRL A008. Attendance and participation may require the preparation of graphic and textual presentation material in accordance with CDRL A009

4.12.3 DELIVERABLE PRODUCT AND SCHEDULE

The contractor shall deliver Report, Records of Meeting/Minutes in accordance with CDRL A008 and Presentation Material in accordance with CDRL A009.

4.12.4 PERFORMANCE STANDARDS

Report, Records of Meeting/Minutes and Presentation Materials are accurate, complete and delivered in a timely fashion in accordance with CDRLs A008 and A009.

5.0 GOVERNMENT FURNISHED INFORMATION/EQUIPMENT (GFI/GFE)

GFE required to perform the tasks in paragraph 4.0 will be supplied at task inception. GFE will be returned to the Government upon completion of the task. Specific GFE will be identified as an attachment to the solicitation.

6.0 QUALITY SURVEILLANCE AND PERFORMANCE STANDARDS

The government will conduct quality surveillance via various methods including formal and informal meetings, review

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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 each SOW Task.

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 (MAY 2005)

(a) The Contractor agrees to provide the Contractor's Funds and Man-hour Expenditure Report in the Electronic Cost Reporting and Financial Tracking (eCRAFT) System within sixty (60) days after the date of task order award. Failure to comply with this requirement may result in task order termination.

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

(1) Format. Data shall be reported in a format acceptable to the Electronic Cost Reporting and Financial Tracking System (eCraft). Paper submittal of the data is permitted for the first 60 days of performance. Address paper submittals to the Task Order Manager identified in the task order.

(2) Scope and Content.

(i) The Contractor shall identify costs to the individual SLIN if applicable. If pricing is not established at the SLIN level, report to the CLIN.

(ii) The Contractor shall report individual cost elements comprising the total cost of performance for the current cost reporting period.

(3) Submission and Approval.

(i) Submit report at least once per month beginning 30 days after task order award. Approval will be indicated by e-mail notification from eCraft.

(ii) 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 NUWCDIVNPT Code 119 .

(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. References to costs are meant to be at a summary level. Preparation instructions follow.

(1) Format. Pages shall be sequentially numbered. All attachments shall be identified and referenced in the text of the report. Report shall be prepared in the contractor's format and shall be legible and suitable for reproduction. Electronic submission is encouraged.

(2) Content.

(i) Provide a front cover sheet that indicates the contractor's name and address, the contract number and task order 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 Warfare Center Division, Newport).

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

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(iii) Report any significant changes to the contractor's organization or methods of operation, to the project management network, or to the milestone chart.

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

(v) Report all trips and significant results.

(vi) Report all significant communications and any commitments made thereby. Include all non-contractual communications, such as emails, 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.

(3) Submission and Approval.

(i) Submission. Submit report monthly beginning 30 days after task order award.

(ii) Distribution. Provide one original copy to the Task Order Manager. Additional copies shall be provided to:

(iii) 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 .

(iv) Approval. DD Form 250 is not required. Approval will be indicated via letter of transmittal.

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

C23S FACILITIES (SEP 2004)

(a) The Contractor shall provide liaison office(s) within commuting distance (by surface transportation) of the NUWC DETFEONOR, St Juliens Creek Annex, Bldg 169 Magazine Rd, Portsmouth, VA 23321. The liaison office(s) shall meet all security requirements and provide controlled access work areas as specified in the DD Form 254 (if attached).

(b) The requirement for maintaining these facilities shall not be construed to mean that the Government will be obliged to pay any direct costs in connection therewith and further, the contractor shall not be entitled to any direct payment (labor, transportation or otherwise) in connection with any personnel set in readiness at, or brought to such facility in preparation for, or in expectation of, work to be performed under the contract. Payment for labor hours and materials will be made only for such hours and materials actually expended in performance under the contract. This paragraph applies also to any additional facilities which may be necessary during contract performance.

C24S SECURITY REQUIREMENTS (OCT 2004)

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

C25S ACCESS TO GOVERNMENT SITE (APR 2008)

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(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 NACLCL.

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 at:

<http://www.nuwc.navy.mil/npt/Visit/visit.htm>

(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.nuwc.navy.mil/npt/Visit/visit.htm>

(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.nuwc.navy.mil/npt/Visit/visit.htm>

(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.

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

If, during the performance of this or any other task order, the contractor believes that any task order contains outdated or different versions of any specifications or standards, the contractor may request that all of its task orders be updated to include the current version of the applicable specification or standard. Updating shall not affect the form, fit or function of any deliverable item or increase the cost/price of the item to the Government. The contractor should submit update requests to the Procuring Contracting Officer with copies to the Administrative Contracting Officer and cognizant program office representative for approval. The contractor shall perform the task order in

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accordance with the existing specifications and standards until notified of approval/disapproval by the Procuring Contracting Officer. Any approved alternate specifications or standards will be incorporated into the task order.

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

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

(b) Notwithstanding that an exception exists, the Contractor may furnish items or services provided under this order that comply with the EIT Accessibility Standards (36 C.F.R. § 1194).

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SECTION D PACKAGING AND MARKING

D21SX 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, Detachment Norfolk

Contract, Order, and ELIN Numbers

Report Title

Date of Report

Contractor Name (division which generated the report)

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

Contractor's Business Address

Task Order Dollar Amount

Sponsor (name, activity, office code, and location). Orders, if applicable, will identify the sponsor.

D24S PROHIBITED PACKING MATERIALS (JUN 2004)

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

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SECTION E INSPECTION AND ACCEPTANCE

E14S INSPECTION AND ACCEPTANCE OF SERVICES (AUG 2005)

Inspection and acceptance shall be performed in accordance with the basic contract.

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SECTION F DELIVERABLES OR PERFORMANCE

F1S PERIOD OF PERFORMANCE (MAY 2006)

Services to be furnished hereunder shall be performed and completed from date of award through 60 months thereafter as follows:

CLIN - DELIVERIES OR PERFORMANCE

SLIN	Funding	Base or Option #	Period of Performance
1100/3100	O&MN	Base	8/1/08 -7/31/09
1101/3101	O&MN	Option 1*	8/1/09 -7/31/10
4100/6100	O&MN	Option 18*	8/1/10 -7/31/11
4101/6101	O&MN	Option 19*	8/1/11 - 7/31/12
4102/6102	O&MN	Option 20*	8/1/12 - 7/31/13
4103/6103	O&MN	Option 21*	RESERVED
1200/3200	OPN	Option 2*	8/1/08-9/30/08
1201/3201	OPN	Option 3*	10/1/08-9/30/09
4200/6200	OPN	Option 22*	10/1/09-9/30/10
4201/6201	OPN	Option 23*	10/1/10-9/30/11
4202/6202	OPN	Option 24*	10/1/11-9/30/12
4203/6203	OPN	Option 25*	10/1/12-7/31/13
1300/3300	SCN	Option 4*	8/1/08-9/30/08
1301/3301	SCN	Option 5*	10/2/08-9/30/09
4300/6300	SCN	Option 26*	10/1/09-9/30/10
4301/6301	SCN	Option 27*	10/1/10-9/30/11
4302/6302	SCN	Option 28*	10/1/11-9/30/12
4303/6303	SCN	Option 29*	10/1/12-7/31/13
1400/3400	FMS	Option 6*	8/1/08-9/30/08
1401/3401	FMS	Option 7	3/20/09 -9/30/09
4400/6400	FMS	Option 30*	10/1/09-9/30/10
4401/6401	FMS	Option 31*	10/1/10-9/30/11
4402/6402	FMS	Option 32*	10/1/11-9/30/12
4403/6403	FMS	Option 33*	10/1/12-7/31/13
1500/3500	OGVT	Option 8*	8/1/08-9/30/08
1501/3501	OGVT	Option 9	3/12/09 -9/30/09
4500/6500	OGVT	Option 34*	10/1/09-9/30/10
4501/6501	OGVT	Option 35*	10/1/10-9/30/11
4502/6502	OGVT	Option 36*	10/1/11-9/30/12
4503/6503	OGVT	Option 37*	10/1/12-7/31/13
1600/3600	PMC	Option 10*	8/1/08-9/30/08
1601/3601	PMC	Option 11*	12/17/08-9/30/09
4600/6600	PMC	Option 38*	10/1/09-9/30/10
4601/6601	PMC	Option 39*	10/1/10-9/30/11

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4602/6602	PMC	Option 40*	10/1/11-9/30/12
4603/6603	PMC	Option 41*	10/1/12-7/31/13
1700/3700	APN	Option 12	<u>Eliminated in Mod 12</u>
1701/3701	APN	Option 13	<u>Eliminated in Mod 12</u>
4700/6700	APN	Option 42	<u>4/24/09-9/30/10</u>
4701/6701	APN	Option 43*	10/1/10-9/30/11
4702/6702	APN	Option 44*	10/1/11-9/30/12
4703/6703	APN	Option 45*	10/1/12-7/31/13
1800/3800	DWCF	Option 14 *	8/1/08-9/30/08
1801/3801	DWCF	Option 15*	10/1/08-9/30/09
4800/6800	DWCF	Option 46*	10/1/09-9/30/10
4801/6801	DWCF	Option 47*	10/1/10-9/30/11
4802/6802	DWCF	Option 48*	10/1/11-9/30/12
4803/6803	DWCF	Option 49*	10/1/12-7/31/13
1900/3900	OMAR	Option 16*	8/1/08-9/30/08
1901/3901	OMAR	Option 17*	10/1/08-9/30/09
4900/6900	OMAR	Option 50*	10/1/09-9/30/10
4901/6901	OMAR	Option 51*	10/1/10-9/30/11
4902/6902	OMAR	Option 52*	10/1/11-9/30/12
4903/6903	OMAR	Option 53*	10/1/12-7/31/13
1111/3111	OMAF	Option 54	<u>2/6/09-9/30/09</u>
4110/6110	OMAF	Option 55*	10/1/09-9/30/10
4111/6111	OMAF	Option 56*	10/1/10-9/30/11
4112/6112	OMAF	Option 57*	10/1/11-9/30/12
4113/6113	OMAF	Option 58*	10/1/12-7/31/13

***IF OPTION IS EXERCISED**

F18SX 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:

NUWCDETNOF
St Juliens Creek Annex
Bldg 169 Magazine Road
Portsmouth VA 23702

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 NUWC DIVDETNOF, the Contractor's facility and/or Contractor's liaison facility (see Clause C23SX requirements) or other locations, as required by the statement of work.

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SECTION G CONTRACT ADMINISTRATION DATA

G1S SUBMISSION OF INVOICES -- COST REIMBURSEMENT (AUG 2005)

The Contractor shall submit invoices and any necessary supporting documentation, in accordance with the basic contract. Also, the Contractor shall provide duplicate information to the Electronic Cost Reporting and Financial Tracking (eCraft) system.

G2S INVOICE INSTRUCTIONS (NAVSEA - AUG 2007) (NOV 2008)

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

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

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

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

Type of Document:

Cost Voucher (Cost Reimbursable, T&M , LH, or FPI) <i>Contractors MUST attach a completed SF-1035 in WAWF</i>	
Applies to CLINS/SLINS:	
Issue DODAAC	N66604
Admin DODAAC	S2206A
Pay Office DODAAC	HQ0337

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DCAA Auditor	HAA47B
Service Approver DODAAC	N64281
LPO DODAAC	LEAVE BLANK

ATTN CONTRACTORS:

(1) CLIN/SLIN/ACRN information must be included on all WAWF submissions.

(2) Your AAA WAWF fill-in is in your line of accounting associated with the CLIN/SLIN/ACRN you are billing. It is six (6) positions in length. Examples of it's location follow. The numbers underlined are the AAA's.

A1: 97X4930.NH6A 000 77777 0 066604 2F 000000 111111111111
AA: 97X4930.NH6A 000 77777 0 066604 2F 000000 222222222222
A1: 1781811.H230 310 TTTTTT 0 068342 2D 000000 333333333333
AA: 1781811.H230 310 TTTTTT 0 068342 2D 000000 444444444444

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

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

Send Additional Email Notification To:
paul.hethcock@navy.mil
gregory.violette@navy.mil

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

(g) If you have any questions regarding WAWF, please contact the WAWF helpdesk at the above 1-866 number or the NUWC DIVNPT WAWF point of contact, Jerry Palmer at

401-832-1645 or gerard.palmer@navy.mil (alternate: Catharine Costakos at 401-832-1488, catharine.costakos@navy.mil). For financial questions about WAWF, please contact Barbara Sangeado at 401-832-4952 or barbara.sangeado@navy.mil

GIOS CONTRACTUAL AUTHORITY AND COMMUNICATIONS (AUG 2005)

(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 Task Order Ordering Officer of this Task Order is a warranted Ordering Officer of the Naval Undersea Warfare Center Division Newport. Unless otherwise noted, all references to "Ordering Officer" or "OO" in the text of this task order

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and the basic contract refer to the Task Order Ordering Officer. The Government reserves the right to administratively transfer authority over this task order from the individual named below to another Task Order Ordering Officer at any time.

(b) Authority: The Task Order Ordering 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 Task Order Ordering 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 Task Order Ordering 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.

(c) The Task Order Ordering Officer is:

Name: Elizabeth Alexander

Telephone: Commercial: 401-832-3230; DSN: 432-3230

Fax: Commercial: 401-832-4820; DSN: 432-4820

Email: elizabeth.alexander@navy.mil

(c) The Task Order Order Negotiator is:

Name: Brian O'Donnell

Telephone: Commercial: 401-832-7937; DSN: 432-7937

Fax: Commercial: 401-832-4820; DSN: 432-4820

Email: brian.odonnell@navy.mil

G11S CONTRACT ADMINISTRATION FUNCTIONS (SERVICES)(MAY 2006)

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

(b) TASK ORDER ORDERING OFFICER RETAINED FUNCTIONS. The Task Order Ordering Officer retains the administrative functions described in FAR 42.302(a) and listed below. These functions will be accomplished as set forth in the attached JA4S Task Order Administration Plan.

(3) Conduct post-award orientation conferences.

(40) Perform engineering surveillance to assess compliance with contractual terms for schedule, cost, and technical performance in the areas of design, development, and production.

(44) Perform engineering analyses of contractor cost proposals.

(45) Review and analyze contractor-proposed engineering and design studies and submit comments and recommendations to the contracting office, as required.

(46) Review engineering change proposals for proper classification, and when required, for need, technical adequacy of design, producibility, and impact on quality, reliability, schedule, and cost; submit comments to the contracting office.

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(47) Assist in evaluating and make recommendations for acceptance or rejection of waivers and deviations.

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

(1) All other functions of FAR 42.302(a) except (3), (22), (25), (29), (40), (44), (45), (46), (47), (51), (59), (62), (63), (64), and (70).

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

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

G14S CONTRACTOR'S SENIOR TECHNICAL REPRESENTATIVE (AUG 2005)

The contractor's senior technical representative, point of contact for performance under this task order is:

Name: Robert MCDonald

Title: MTR Program Manager and Senior Technical Representative

Mailing Address: L-3 Unidyne Pickett Road, Norfolk VA

E-mail Address: robert.mcdonald@L-3.com

Telephone: 757-228-7354, x11

FAX: 757-321-4206

G17S TOM APPOINTMENT (AUG 2005)

(a) The Task Order Ordering Officer hereby appoints the following individual as the Task Order Manager (TOM) for this task order:

PRIMARY TOM

Name: Paul Hethcock

Code: 2504

Mailing Address: NUWCDETFEO NORFOLK, Bldg 169, Magazine RD, St Juliens Creek Annex, Portsmouth, VA 23702

Telephone: 757-396-0800 x 238

Email: paul.hethcock@Navy.Mil

ALTERNATE TOM:

Name: John Kennedy

Code: 2504

Mailing Address: NUWCDETFEO NORFOLK, Bldg 169, Magazine RD, St Juliens Creek Annex, Portsmouth, VA 23702

Telephone: 757 396-0800 x 258

Email: john.a.kennedy@Navy.Mil

(b) The TOM is responsible for those specific functions assigned in the Task Order Administration Plan, attached.

(c) Only the Task Order Ordering Officer has the authority to modify the terms of the task order. 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 Task Order Ordering Office in writing. No action shall be taken by the contractor unless the Task Order Ordering Officer, or basic contract PCO has issued a formal modification.

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Accounting Data

SLINID	PR Number	Amount
110001	N66604-8200-9579-2008	50000.00
LLA :		
A1 97X4930.NH6A 000 77777 0 066604 2F 000000 25040G429828		
Standard Number: 0110769		
310001	N66604-8200-9580-2008	2500.00
LLA :		
A1 97X4930.NH6A 000 77777 0 066604 2F 000000 25040G429828		
Standard Number: 0110769		

MOD 1

110002	N66604-8227-4729	662000.00
LLA :		
A1 97X4930.NH6A 000 77777 0 066604 2F 000000 25040G429828		
Standard Number: 0154277		
310002	N66604-8234-6475	40000.00
LLA :		
A1 97X4930.NH6A 000 77777 0 066604 2F 000000 25040G429828		
Standard Number: 0154277		

MOD 2

110003	N66604-8259-2036	476557.00
LLA :		
A1 97X4930.NH6A 000 77777 0 066604 2F 000000 25040G429828		
Standard Number: 0154277		

MOD 4

130101	N66604-8269-5226-2008	28793.00
LLA :		
A2 97X4930.NH6A 000 77777 0 066604 2F 000000 25040G429539		
Standard Number: 0165801		
Hull Number: LPD 21		
330101	N66604-8270-6201-2008	1000.00
LLA :		
A2 97X4930.NH6A 000 77777 0 066604 2F 000000 25040G429539		
Standard Number: 0165801		
Hull Number: LPD 21		

MOD 6

160101	N66604-8323-4613-2008	12275.30
LLA :		
A3 97X4930.NH6A 000 77777 0 066604 2F 000000 25040F429179		
Standard Number: 0175236		
160102	N66604-8340-8572-2008	141486.60
LLA :		
A4 97X4930.NH6A 000 77777 0 066604 2F 000000 25040G429379		
Standard Number: 0175236		
360101	N66604-8323-4614-2008	1204.88
LLA :		
A3 97X4930.NH6A 000 77777 0 066604 2F 000000 25040F429179		
Standard Number: 0175236		
360102	N66604-8340-8576-2008	48663.00
LLA :		
A4 97X4930.NH6A 000 77777 0 066604 2F 000000 25040G429379		
Standard Number: 0175236		

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MOD 7

111101 N66604-9016-4185 10000.00
 LLA :
 A5 97X4930.NH6A 000 77777 0 066604 2F 000000 25040G429649
 Standard Number: 0186009

311101 N66604-9016-4189 3000.00
 LLA :
 A5 97X4930.NH6A 000 77777 0 066604 2F 000000 25040G429649
 Standard Number: 0186009

MOD 8

150101 N66604-9055-2743 10000.00
 LLA :
 A6 97X4930.NH6A 000 77777 0 066604 2F 000000 25040H429299
 Standard Number: 0195919

350101 N66604-9055-2744 2258.00
 LLA :
 A6 97X4930.NH6A 000 77777 0 066604 2F 000000 25040H429299
 Standard Number: 0195919

MOD 9

140101 N66604-9065-4572 17000.00
 LLA :
 A7 97X4930.NH6A 000 77777 0 066604 2F 000000 25040F429699
 Standard Number: 0198492

340101 N66604-9065-4576 13800.00
 LLA :
 A7 97X4930.NH6A 000 77777 0 066604 2F 000000 25040F429699
 Standard Number: 0198492

MOD 10

140102 N66604-9069-5073 7181.00
 LLA :
 A8 97X4930.NH6A 000 77777 0 066604 2F 000000 25040G429929
 Standard Number: 0199877

140103 N66604-9069-5081 1144.00
 LLA :
 A9 97X4930.NH6A 000 77777 0 066604 2F 000000 25040H429369
 Standard Number: 0199877

MOD 11

130102 N66604-9076-6272 185000.00
 LLA :
 A2 97X4930.NH6A 000 77777 0 066604 2F 000000 25040G429539
 Standard Number: 0200274

MOD 12

470001 N66604-9084-7632 11172.52
 LLA :
 B1 97X4930.NH6A 000 77777 0 066604 2F 000000 25040H429309
 Standard Number: 0201806

670001 N66604-9084-7638 4702.99
 LLA :
 B1 97X4930.NH6A 000 77777 0 066604 2F 000000 25040H429309
 Standard Number: 0201806

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SECTION H SPECIAL CONTRACT REQUIREMENTS

H13S 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.

(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 Task Order Ordering Officer. The Contractor also agrees that it shall promptly notify the Task Order Ordering 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 Task Order Ordering 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 Task Order Ordering 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 Task Order Ordering Officer of this task order. The contractor shall notify the Task Order Ordering 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 Task Order Ordering 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 Task Order Ordering Officer.

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(i) This clause applies to Statement of Work task(s): 4.1.5, 4.2.2, 4.4.4, 4.6.1, 4.6.4, 4.8.3

* 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.

H14S 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 Task Order Ordering 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.

(c) The Contractor shall, within 15 days after the effective date of this task order, provide a written certification to the Task Order Ordering 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 Task Order Ordering 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.

(h) This clause applies to Statement of Work task(s): 4.1.2

H20S INSURANCE - WORK ON A GOVERNMENT INSTALLATION

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

(1) Comprehensive General Liability: \$200,000 per person and \$500,000 per accident for bodily injury.

(2) Automobile Insurance: \$200,000 per person and \$500,000 per accident for bodily injury and \$20,000 per accident for property damage.

(3) Standard Workmen's Compensation and Employer's Liability Insurance (or, where maritime employment is involved, Longshoremen's and Harbor Worker's Compensation Insurance) in the minimum amount of \$100,000.

H24S PROHIBITION ON TELECOMMUNICATIONS (OCT 2006)

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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.

H31S INCREMENTAL FUNDING - ADDITIONAL FUNDS (JAN 2008)

Additional funds are hereby provided for continued performance. The total funding obligated for performance is therefore increased from \$1,713,862.78 by \$15,875.51 to \$1,729,738.29. The clause entitled, Limitation of Funds (FAR 52.232-22), applies. The Government is not obligated to reimburse the Contractor for costs incurred in excess of this amount unless additional funds are made available and are incorporated as a modification to this order.

NUWC Accrual Date: November 30, 2009

H38S TECHNICAL INSTRUCTIONS (FEB 2009)

(a) A Technical Instruction (TI) is written guidance or specific direction to the contractor within the scope of the task order Statement of Work (SOW).

(b) When necessary, the Government will issue Technical Instructions (TI's) to provide clarification or details of specific tasks set forth in the task order Statement of Work (SOW). However, TI's may not be used to:

(1) assign work not covered by the scope of the task order (it is not a modification to the task order),

(2) direct a change as defined in the contract clause entitled "Changes",

(3) increase or decrease the task order's estimated cost, its fixed fee or award fee, its total level of effort, or the time required for contract performance; or

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

(c) Normally, the Task Order Manager (TOM) will issue the TI, although it may be issued by the Task Order Ordering/Contracting Officer. The TI may be based on technical discussions with the Contractor. However, the TOM can only perform one of the following functions: (1) initiate the requirement for the task order, (2) place TI's, or (3) perform receipt, inspection, and acceptance of the services. If circumstances preclude an individual TOM from performing a single function, then, at a minimum, the individual TOM responsible for placing the TI shall not perform receipt, inspection, and acceptance.

(d) In an urgent situation, if funding is already available (see paragraph (f)), the TOM may provide oral direction to the contractor, but any oral direction must be formalized in writing within 5 working days. A TI is effective only after it is signed by the TOM and delivered, mailed, or electronically transmitted to a contractor representative. Subsequent TIs may revise the original TI. The contractor shall not initiate work unless the work has been defined by a TI.

(e) As a minimum, TI's shall include the following data:

(1) Contract number, task order number and TI number,

(2) Effective date (if different from date of the TI),

(3) Technical directions or clarifications, stated in a clear and unambiguous fashion

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(4) Specific reference to relevant SOW paragraphs, deliverables, quantities, due date, SLINs, color of funding, government cost estimate, and total labor hours to be expended.

(f) Regardless of whether the TI is first transmitted orally or in writing, no cost will be incurred unless appropriate funding is available on this task order.

(g) If the Contractor believes that a TI constitutes a change, the Contractor shall not perform the affected portion of the work; and shall contact the TOM immediately for further clarification and direction.

(h) In the event that an issue cannot be resolved between the contractor and the TOM, the Contractor shall contact the Task Order Ordering/Contracting Officer for clarification and direction.

H40S KEY PERSONNEL (FEB 2007)

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

Name	Category
Robert McDonald	Program/Project Manager II (STR)
Ricky Blaylock	Training Specialist II
David Williams	Management Analyst II

H52S PRIOR WRITTEN PERMISSION REQUIRED TO SUBCONTRACT (FEB 2007)

None of the services required by this task order shall be subcontracted to or performed by persons other than the contractor, the contractor's employees, or those subcontractors (as listed below) which were proposed and approved in the initial offer, without the prior written approval of the Task Order Ordering Officer.

***L-3 DID NOT PROPOSE ANY SUBCONTRACTORS**

H61SX GOVERNMENT FURNISHED PROPERTY (GFP) (FEB 2005)

(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:

(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 Task Order Ordering Officer.

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

H81S TRAVEL COSTS AND RESPONSIBILITIES (JUL 2008)

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(a) Performance under this contract may require travel by contractor personnel. If travel, domestic or overseas, is required, the Contractor shall be responsible for making all needed arrangements for its personnel. This includes, but is not limited to, medical examinations; immunizations; passports, visas, etc. and security clearances. If any work will take place on a U.S. Navy vessel, the Contractor shall obtain boarding authorization for all contractor personnel from the Commanding Officer of the vessel. Authorization shall be obtained prior to boarding.

(b) The Government will reimburse the Contractor for allowable travel costs incurred by the Contractor in performance of the contract in accordance with FAR subpart 31.2 or 31.3 as applicable.

There may be situations where contractor employees and government employees travel together in government vehicles, or in vehicles rented by the government under the terms of the U.S. Car Rental Agreement (currently available at http://www.defensetravel.dod.mil/Docs/CarRentalAgreement_050508.pdf) the government has with various rental car companies. In such situations, contractor employees may only be passengers (not drivers) in such vehicles. If a contractor employee is a passenger in a government vehicle or a vehicle rented by the government, it would be on a "no additional cost to the government" basis. If a contractor employee is a passenger in a government vehicle, the contractor shall indemnify and hold the government harmless from all liability resulting from personal injury or death or damage to property which may occur as a result of such joint travel. When a contractor is a passenger in a vehicle rented by the government, liability would be limited to the terms set out in the U.S. Car Rental Agreement in effect at the time of any incident.

H83S SERVICE CONTRACT ACT WAGE DETERMINATION (DEC 2006)

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 ***modification exercising Option 5 SCN CLINs***):

Wage Determination #: 2005-2543 Revision: 7

Area: States: North Carolina, Virginia
Area: North Carolina Counties of Camden, Chowan, Currituck, Gates, Pasquotank, Perquimans
Virginia Counties of Chesapeake, Gloucester, Hampton, Isle of Wight, James City, Mathews, Newport News, Norfolk, Poquoson, Portsmouth, Southampton, Suffolk, Surry, Virginia Beach, Williamsburg, York

(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.

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SECTION I CONTRACT CLAUSES

252.204-7005 ORAL ATTESTATION OF SECURITY RESPONSIBILITIES (NOV 2001)

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

252.231-7000 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)

52.217-5 EVALUATION OF OPTIONS (JULY 1990)

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

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

52.222-41 Service Contract Act (1965)

52.222-49 -- Service Contract Act -- Place of Performance Unknown.

(a) This contract is subject to the Service Contract Act, and the place of performance was unknown when the solicitation was issued. In addition to places or areas identified in wage determinations, if any, attached to the solicitation, wage determinations have also been requested for the following: N/A. The Contracting Officer will request wage determinations for additional places or areas of performance if asked to do so in writing 5 days prior to the solicitation closing date.

(b) Offerors who intend to perform in a place or area of performance for which a wage determination has not been attached or requested may nevertheless submit bids or proposals. However, a wage determination shall be requested and incorporated in the resultant contract retroactive to the date of contract award, and there shall be no adjustment in the contract price.

122-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES

(FAR 52.222-42) (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

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

EMPLOYEE CLASSES (DIRECTORY OF OCCUPATIONS):

[HTTP://WWW.DOL.GOV/ESA/REGS/COMPLIANCE/WHD/WAGE/SCADIRV5/SCADIRECTVERS5.PDF](http://www.dol.gov/esa/regs/compliance/whd/wage/scadirv5/scadirectvers5.pdf)

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GOVERNMENT EQUIVALENT GS LEVELS:

[HTTP://WWW.DOL.GOV/ESA/REGS/COMPLIANCE/WHD/WEB/INDEX.HTM](http://www.dol.gov/esa/regs/compliance/whd/web/index.htm)

and

OFFICE OF PERSONNEL MANAGEMENT:

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

52.227-1 AUTHORIZATION AND CONSENT (JUL 1995)

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

52.227-3 PATENT INDEMNITY (APR 1984)

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

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)

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

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

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SECTION J LIST OF ATTACHMENTS

Contract Data Requirements List, CDRLs

DD254 FINAL, Contract Security Classification Specification

Task Order Administration Plan (TAP)

GFP List

*Attachment 5: Government Furnished Property Addendum Mod 03

*Attachment 5 added via Modification 03 issued 9/26/08.