

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
U

PAGE OF PAGES
1 2

2. AMENDMENT/MODIFICATION NO.
64

3. EFFECTIVE DATE
14-Jul-2016

4. REQUISITION/PURCHASE REQ. NO.
1300584664

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

6. ISSUED BY
SPAWAR HQ
4301 Pacific Highway
San Diego CA 92110
kate.mccoy@navy.mil 858-537-8845

CODE
N00039

7. ADMINISTERED BY (If other than Item 6)
DCMA Manassas
14501 George Carter Way, 2nd Floor
Chantilly VA 20151

CODE
S2404A
SCD: C

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)
SYSTEMS TECHNOLOGY FORUM, LIMITED
150 Riverside Parkway, Ste. 309
Fredericksburg VA 22406-1094

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

[X]

10A. MODIFICATION OF CONTRACT/ORDER NO.

N00178-05-D-4596-NS01

10B. DATED (SEE ITEM 13)

26-Sep-2011

CAGE CODE
3GWG8

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

SEE SECTION G

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

- (*) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- [X] D. OTHER (Specify type of modification and authority)
FAR 52.232-22 Limitation of Funds Clause (APR 1984)

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

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

SEE PAGE 2

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

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

Kate M McCoy, Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

BY /s/Kate M McCoy

(Signature of Contracting Officer)

14-Jul-2016

NSN 7540-01-152-8070

PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)

Prescribed by GSA
FAR (48 CFR) 53.243

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 2 of 2	FINAL
----------------------------------	----------------------------	----------------------------------	----------------	-------

GENERAL INFORMATION

The purpose of this modification is to provide incremental funding to CLIN 7501 in the amount of \$231,350. Accordingly, said Task Order is modified as follows: A conformed copy of this Task Order is attached to this modification for informational purposes only.

The Line of Accounting information is hereby changed as follows:

The total amount of funds obligated to the task is hereby increased from \$41,071,898.18 by \$231,350.00 to \$41,303,248.18.

CLIN/SLIN	Type Of Fund	From (\$)	By (\$)	To (\$)
750138	O&MN,N	0.00	31,000.00	31,000.00
750139	OPN	0.00	22,230.00	22,230.00
750140	RDT&E	0.00	92,000.00	92,000.00
750141	RDT&E	0.00	51,000.00	51,000.00
750142	O&MN,N	0.00	35,120.00	35,120.00

The total value of the order is hereby increased from \$43,740,411.92 by \$0.00 to \$43,740,411.92.

The Period of Performance of the following line items is hereby changed as follows:



CLIN/SLIN	From	To
-----------	------	----

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 1 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4001	R425	Systems and Logistics Engineering and Installation Support Services  Base Year (Fund Type - TBD)	1.0	LO			\$374,950.33
400101	R425	Incremental Funding for ACRN AA \$40168.36 (O&MN,N)					
400102	R425	Incremental Funding for ACRN AB \$158118.72 (O&MN,N)					
400103	R425	Incremental Funding for ACRN AC \$109,191.13 (O&MN,N)					
400104	R425	Incremental Funding for ACRN AD \$4081.90 (O&MN,N)					
400105	R425	Incremental Funding for ACRN AE \$22197.65 (O&MN,N)					
400106	R425	Incremental Funding for ACRN AE \$0 (O&MN,N)					
400107	R425	Incremental Funding for ACRN AF \$0 (O&MN,N)					
400108	R425	Incremental Funding for ACRN AG \$0 (O&MN,N)					
400109	R425	Incremental Funding for ACRN AH \$14506.75 (O&MN,N)					
400110	R425	Incremental Funding for ACRN AJ \$13360 (O&MN,N)					
400111	R425	Incremental Funding for ACRN AK \$9985.91 (O&MN,N)					
400112	R425	Realigned to SLIN 410130 (OPN)					
4101	R425	Systems and Logistics Engineering and Installation Support Services  Option Year One (Fund Type - TBD)	1.0	LO			\$6,789,543.60
410101	R425	NMT Support Services ACRN AM \$48,837.54 for PWS 5.4 (RDT&E)					
410102	R425	NMT Support Services ACRN AN \$273,457.93 for PWS 5.4 (RDT&E)					
410103	R425	AirNav War Support Services ACRN AP \$49,796.07 for PWS 5.4 (RDT&E)					
410104	R425	NESP(EHF) Support Services ACRN AQ \$28,726.03 for PWS 5.1 (O&MN,N)					

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 2 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
410105	R425	SHF Support Services ACRN AR \$25,724.46 for PWS 5.1 (O&MN,N)					
410106	R425	BFTN FO Support Services ACRN AS \$36,424.28 for PWS 5.1 (O&MN,N)					
410107	R425	NMT Support Services ACRN AT \$951,378.38 for PWS 5.3 (OPN)					
410108	R425	NMT Support Services ACRN AU \$447,155.29 for PWS 5.3 (OPN)					
410109	R425	NMT SUPPORT SERVICES ACRN AV \$135,049.44 for PWS 5.4 (Fund Type - OTHER)					
410110	R425	NMT SUPPORT SERVICES ACRN AW \$98,623.37 for PWS 5.4 (RDT&E)					
410111	R425	NMT - FO SUPPORT SERVICES ACRN AX \$151,354.96 for PWS 5.4 (RDT&E)					
410112	R425	AIR - FO SUPPORT SERVICES ACRN AY \$82,539.60 for PWS 5.4 (RDT&E)					
410113	R425	GPNTS - FO SUPPORT SERVICES ACRN AZ \$31,042.55 for PWS 5.4 (RDT&E)					
410114	R425	NESP SUPPORT SERVICES ACRN BA \$34,977 for PWS 5.4 (O&MN,N)					
410115	R425	SHF SUPPORT SERVICES ACRN BB \$55,076.07 for PWS 5.4 (O&MN,N)					
410116	R425	Systems Engineering Support Services ACRN BC \$58,000.00 for PWS 5.4 (Fund Type - OTHER)					
410117	R425	SE SUPPORT SERVICES ACRN BD \$90,352.51 for PWS 5.1 (O&MN,N)					
410118	R425	SE SUPPORT SERVICES ACRN BE \$255,253.34 for PWS 5.1 (O&MN,N)					
410119	R425	SE SUPPORT SERVICES ACRN BF \$210,004.84 for PWS 5.1 (O&MN,N)					
410120	R425	SE SUPPORT SERVICES ACRN BG \$117,519.50 for PWS 5.1 (O&MN,N)					
410121	R425	SE SUPPORT SERVICES ACRN BH \$223,949.79 for PWS 5.3 (OPN)					
410122	R425	SE SUPPORT SERVICES ACRN BJ \$17,931.62 for PWS 5.3 (OPN)					
410123	R425	SE SUPPORT SERVICES ACRN BK \$247,678.06 for PWS 5.4 (RDT&E)					
410124	R425	SE SUPPORT SERVICES ACRN BL \$63,608.00 for PWS 5.3.1.6 (OPN)					

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 3 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
410125	R425	SE SUPPORT SERVICES ACRN BM \$488,040.85 for PWS 5.4 (Fund Type - OTHER)					
410126	R425	SE SUPPORT SERVICES ACRN BN \$98,217.62 for PWS 5.4 (Fund Type - OTHER)					
410127	R425	SE SUPPORT SERVICES ACRN BP \$164,935.64 for PWS 5.4 (RDT&E)					
410128	R425	SE SUPPORT SERVICES ACRN BQ \$98,120.56 for PWS 5.1 (O&MN,N)					
410129	R425	SE SUPPORT SERVICES ACRN BR \$329,466.69 for section 5.4 of the PWS (Fund Type - OTHER)					
410130	R425	Incremental Funding for ACRN AL \$644,458.78 for PWS 5.3 (OPN)					
410131	R425	FMS SE SUPPORT (CN-P-LHL)for ACRN BS \$79,584.04 for PWS 5.5 (FMS)					
410132	R425	FMS SE SUPPORT (NE-P-LGR)for ACRN BT \$67,004.12 for PWS 5.5 (FMS)					
410133	R425	FMS SE SUPPORT (UK-P-LTN)for ACRN BU \$23,661.26 for PWS 5.5 (FMS)					
410134	R425	Aegis Shore Support for ACRN BV \$45,975.89 for PWS 5.4 (RDDA)					
410135	R425	BFTN Support Services for ACRN BW \$81,083.75 for PWS 5.4 (RDT&E)					
410136	R425	CBSP Support Services for ACRN BX \$98,332.17 for PWS 5.3 (OPN)					
410137	R425	CBSP Temp Support Services for ACRN BY \$14,394.38 for PWS 5.1 (O&MN,N)					
410138	R425	NESP Support Services for ACRN BZ \$39,162.71 PWS 5.1 (O&MN,N)					
410139	R425	SHF Support Services for \$156,899.32 ACRN CA PWS 5.1 (O&MN,N)					
410140	R425	Air NAVWAR Support Services for ACRN CB \$97,173.96 for PWS 5.4 (RDT&E)					
410141	R425	SHF Support Services for ACRN CD \$286,685.76 for PWS 5.1 (O&MN,N)					
410142	R425	C-37 SATCOM Support Services for ACRN CE \$57,982.64 for PWS 5.1 (O&MN,N)					
410143	R425	CBSP TEMP Support Services for ACRN CF \$70,628.40 for PWS 5.1 (O&MN,N)					

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 4 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
410144	R425	A3C4I Support Services for ACRN CG \$0 for PWS 5.4 (Fund Type - OTHER)					
410145	R425	BMDS Support Services for ACRN CG \$0 for PWS 5.4 (Fund Type - OTHER)					
410146	R425	ICMP Development Support Services for ACRN CH \$34,646.74 for PWS 5.1 (O&MN,N)					
410147	R425	FCC Support Services for ACRN CJ \$78,627.69 for PWS 5.1 (O&MN,N)					
4201	R425	Systems and Logistics Engineering and Installation Support Services ? Option Year Two (Fund Type - TBD)	1.0	LO		\$6,372,600.00	
420101	R425	ACRN CK \$84,300 Funding covers section 5.1 of the PWS. (O&MN,N)					
420102	R425	ACRN CL \$143,000 Funding covers section 5.1 of the PWS. (O&MN,N)					
420103	R425	ACRN CM Funding covers section 5.3 of the PWS. (Fund Type - OTHER)					
420104	R425	ACRN CN \$8,721 Funding covers section 5.4 of the PWS. (RDT&E)					
420105	R425	ACRN CP \$697,244 Funding covers section 5.1 of the PWS. (O&MN,N)					
420106	R425	ACRN CQ \$285,000 Funding covers section 5.4 of the PWS. (RDT&E)					
420107	R425	ACRN CR \$54,000 Funding covers section 5.4 of the PWS. (RDT&E)					
420108	R425	ACRN CS \$980,000 Funding covers section 5.4 of the PWS. (RDT&E)					
420109	R425	ACRN CT \$110,000 Funding covers section 5.4 of the PWS. (RDT&E)					
420110	R425	ACRN CU \$534,000 Funding covers section 5.3 of the PWS. (OPN)					
420111	R425	ACRN CV \$119,000 Funding covers section 5.1 of the PWS. (O&MN,N)					
420112	R425	ACRN CW \$95,667 FMS Funding in support of Paragraph 5.5 (RDDA)					
420113	R425	ACRN CX \$105,666 FMS Funding in support of Paragraph 5.5 (RDDA)					
420114	R425	ACRN CY \$105,667 FMS Funding in support of Paragraph 5.5 (RDDA)					
420115	R425	ACRN CZ \$160,000 FY13 UCLASS SPAWAR COMMS (RDT&E)					

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 5 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
420116	R425	ACRN DA \$ 18,119.00 Funding covers paragraph 5.3.1.6 of the PWS (OPN)					
420117	R425	ACRN CZ \$162,606.00 FY 13 UCLASS SPAWAR COMMS (RDT&E)					
420118	R425	ACRN DB \$441,000.00 Funding covers paragraph 5.4 of the PWS (RDT&E)					
420119	R425	ACRN DC \$72,500.00 Funding covers paragraph 5.1 of the PWS (O&MN,N)					
420120	R425	ACRN DD \$28,000.00 Funding covers paragraph 5.1 (O&MN,N)					
420121	R425	ACRN DE \$343,000.00 Funding covers paragraph 5.4 (RDT&E)					
420122	R425	ACRN DF \$448,120.00 Funding covers paragraph 5.4 (RDT&E)					
420123	R425	ACRN DG \$781,670.00 Funding covers paragraph 5.3 (OPN)					
420124	R425	ACRN DH \$86,694.03 Funding covers paragraph 5.8 (APN)					
420125	R425	ACRN DJ \$50,000.00 Funding covers paragraph 5.7 (RDT&E)					
420126	R425	ACRN DK \$207,000.00 Funding covers paragraph 5.4 (RDT&E)					
420127	R425	ACRN DL \$99,000.00 Funding covers paragraph 5.4 (RDT&E)					
420128	R425	ACRN DM \$106,250.00 Funding covers paragraph 5.4 (RDT&E)					
420129	R425	ACRN DN \$291,655.00 Funding covers paragraph 5.3 (OPN)					
420130	R425	ACRN DP \$17,200 FMS Funding in support of Paragraph 5.5 (FMS)					
420131	R425	ACRN DQ \$17,200 FMS Funding in support of Paragraph 5.5 (FMS)					
420132	R425	ACRN DR \$17,200 FMS Funding in support of Paragraph 5.5 (FMS)					
420133	R425	ACRN DS \$48,000.00 Funding covers paragraph 5.4 (RDT&E)					
420134	R425	(O&MN,N)					
420135	R425	(O&MN,N)					
420136	R425	(RDT&E)					
4301	R425	Systems and Logistics Engineering and Installation Support Services ♦ Option Year Three (Fund Type - TBD)	1.0	LO			\$10,582,114.01

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 6 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
430101	R425	Funding in support of paragraph 5.5 (FMS)					
430102	R425	Funding in support of paragraph 5.5 (FMS)					
430103	R425	Funding in support of paragraph 5.5 (FMS)					
430104	R425	Incremental Funding (RDT&E)					
430105	R425	Funding in support of paragraph 5.1 (O&MN,N)					
430106	R425	Funding in support of paragraph 5.1 (O&MN,N)					
430107	R425	Funding in support of paragraph 5.1 (O&MN,N)					
430108	R425	Funding in support of paragraph 5.1 (O&MN,N)					
430109	R425	Funding in support of paragraph 5.4 (RDT&E)					
430110	R425	Funding in support of paragraph 5.4 (RDT&E)					
430111	R425	Funding in support of paragraph 5.4 (RDT&E)					
430112	R425	Funding in support of paragraph 5.4 (RDT&E)					
430113	R425	Funding in support of paragraph 5.3 (OPN)					
430114	R425	Incremental Funding (Fund Type - OTHER)					
430115	R425	Incremental Funding (Fund Type - OTHER)					
430116	R425	Funding in support of paragraph 5.1 (O&MN,N)					
430117	R425	Funding in support of paragraph 5.3 (OPN)					
430118	R425	Incremental Funding (APN)					
430119	R425	Funding in support of paragraph 5.4 (RDT&E)					
430120	R425	Funding in support of paragraph 5.4 (RDT&E)					
430121	R425	Funding in support of paragraph 5.1 (O&MN,N)					
430122	R425	Funding in support of paragraph 5.3 (RDT&E)					

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 7 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
430123	R425	Funding in support of paragraph 5.1 (O&MN,N)					
430124	R425	Funding in support of paragraph 5.1 (O&MN,N)					
430125	R425	Funding in support of paragraph 5.4 (RDT&E)					
430126	R425	Funding in support of paragraph 5.3 (O&MN,N)					
430127	R425	Funding in support of paragraph 5.4 (RDT&E)					
430128	R425	Funding in support of paragraph 5.4 (RDT&E)					
430129	R425	Funding in support of paragraph 5.1 (O&MN,N)					
430130	R425	Funding in support of paragraph 5.4 (RDT&E)					
430131	R425	Funding in support of paragraph 5.1 (O&MN,N)					
430132	R425	Funding in support of paragraph 5.1 (O&MN,N)					
430133	R425	Funding in support of paragraph 5.1 (O&MN,N)					
430134	R425	Funding in support of paragraph 5.1 (O&MN,N)					
430135	R425	Funding in support of paragraph 5.3 (OPN)					
430136	R425	Funding in support of paragraph 5.3 (Fund Type - OTHER)					
430137	R425	Funding in support of paragraph 5.4 (RDT&E)					
430138	R425	Funding in support of paragraph 5.1 (O&MN,N)					
430139	R425	Funding in support of paragraph 5.3 (O&MN,N)					
430140	R425	Funding in support of paragraph 5.1 (O&MN,N)					
430141	R425	Funding in support of paragraph 5.3 (OPN)					
430142	R425	Funding in support of paragraph 5.3 (OPN)					

For ODC Items:

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 8 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
6001	R425	Other Direct Cost (ODC) and Travel ♦ Base Year (Fund Type - TBD)	1.0	LO	\$8,088.25
600101	R425	Incremental Funding ACRN AJ \$8,088.25 (O&MN,N)			
600102	R425	Realigned to SLIN 610113 (OPN)			
6101	R425	Other Direct Cost (ODC) and Travel ? Option Year One (Fund Type - TBD)	1.0	LO	\$184,240.47
610101	R425	NMT Support Services ACRN AN \$48,708.82 for PWS 5.4 (RDT&E)			
610102	R425	NESP(EHF) Support Services ACRN AQ \$5,000 for PWS 5.1 (O&MN,N)			
610103	R425	SHF Support Services ACRN AR \$4,659.70 for PWS 5.1 (O&MN,N)			
610104	R425	BFTN FO Support Services ACRN AS \$9,766.44 for PWS 5.1 (O&MN,N)			
610105	R425	NMT Support Services ACRN AT \$18,187.91 for PWS 5.3 (OPN)			
610106	R425	NMT Support Services ACRN AU \$12,576.92 for PWS 5.3 (OPN)			
610107	R425	NMT SUPPORT SERVICES ACRN AV \$1,398.61 for PWS 5.4 (Fund Type - OTHER)			
610108	R425	NMT - FO SUPPORT SERVICES ACRN AX \$147.78 for PWS 5.4 (RDT&E)			
610109	R425	Systems Engineering Support Services ACRN BC \$4,000.00 for PWS 5.4 (Fund Type - OTHER)			
610110	R425	Systems Engineering Support Services ACRN BD \$18,376.24 for PWS 5.1 (O&MN,N)			
610111	R425	Systems Engineering Support Services ACRN BD \$9,691.13 for PWS 5.3 (OPN)			
610112	R425	Systems Engineering Support Services ACRN BD \$26,603.97 for PWS 5.4 (RDT&E)			
610113	R425	Incremental Funding for ACRN AL \$0.00 for PWS 5.3 (OPN)			
610114	R425	FMS SE SUPPORT (CN-P-LHL)for ACRN BS \$147.78 for PWS 5.5 (FMS)			
610115	R425	Aegis Shore Support for \$22,901.28 for ACRN BV PWS 5.4 (RDDA)			
610116	R425	Air NAVWAR Support Services for \$73.89 for ACRN CC PWS 5.4 (RDT&E)			
610117	R425	BMDS Support Services for ACRN CG for \$0.0 for PWS 5.4 (Fund Type - OTHER)			
610118	R425	FCC Support Services for ACRN CJ for \$2,000 for PWS 5.1 (O&MN,N)			
6201	R425	Other Direct Cost (ODC) and Travel - Option Year Two (Fund Type - TBD)	1.0	LO	\$406,000.00
620101	R425	ACRN CL \$25,000 Funding covers section 5.1 of the PWS. (O&MN,N)			
620102	R425	ACRN CN \$2,000 Funding covers section 5.4 of the PWS. (RDT&E)			
620103	R425	ACRN CP \$12,200 Funding covers section 5.1 of the PWS. (O&MN,N)			
620104	R425	ACRN CQ \$20,000 Funding covers section 5.4 of the PWS. (RDT&E)			
620105	R425	ACRN CS \$20,000 Funding covers section 5.4 of the PWS. (RDT&E)			

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 9 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
620106	R425	ACRN CU \$20,000 Funding covers section 5.3 of the PWS. (OPN)			
620107	R425	ACRN CW \$10,000 FMS Funding in support of Paragraph 5.5 (RDDA)			
620108	R425	ACRN DD \$10,000 Funding in support of Paragraph 5.1 (O&MN,N)			
620109	R425	ACRN DF \$25,000 Funding in support of Paragraph 5.4 (RDT&E)			
620110	R425	ACRN DG \$25,000 Funding in support of Paragraph 5.3 (OPN)			
620111	R425	ACRN DH \$3,305.97 Funding in support of Paragraph 5.8 (APN)			
620112	R425	ACRN DT \$5,000 Funding covers section 5.3 of the PWS. (OPN)			
6301	R425	Other Direct Cost (ODC) and Travel ♦ Option Year Three (Fund Type - TBD)	1.0	LO	\$691,621.28
630101	R425	Funding in support of paragraph 5.5 (FMS)			
630102	R425	Funding in support of paragraph 5.5 (FMS)			
630103	R425	Funding in support of paragraph 5.5 (FMS)			
630104	R425	Funding in support of paragraph 5.1 (O&MN,N)			
630105	R425	Funding in support of paragraph 5.4 (RDT&E)			
630106	R425	Funding in support of paragraph 5.3 (OPN)			
630107	R425	Funding in support of paragraph 5.1 (O&MN,N)			
630108	R425	Funding in support of paragraph 5.3 (OPN)			
630109	R425	Incremental Funding (APN)			
630110	R425	Incremental Funding (Fund Type - OTHER)			
630111	R425	Funding in support of paragraph 5.1 (O&MN,N)			
630112	R425	Funding in support of paragraph 5.3 (RDT&E)			
630113	R425	Funding in support of paragraph 5.1 (O&MN,N)			
630114	R425	Funding in support of paragraph 5.4 (RDT&E)			
630115	R425	Funding in support of paragraph 5.3 (O&MN,N)			
630116	R425	Funding in support of paragraph 5.1 (O&MN,N)			
630117	R425	Funding in support of paragraph 5.4 (RDT&E)			
630118	R425	Funding in support of paragraph 5.1 (O&MN,N)			
630119	R425	Funding in support of paragraph 5.1 (O&MN,N)			
630120	R425	Funding in support of paragraph 5.1 (O&MN,N)			
630121	R425	Funding in support of paragraph 5.3 (Fund Type - OTHER)			
630122	R425	Funding in support of paragraph 5.1 (O&MN,N)			
630123	R425	Funding in support of paragraph 5.3 (O&MN,N)			
630124	R425	Funding in support of paragraph 5.4 (RDT&E)			

For Cost Type Items:

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 10 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7401	R425	Systems and Logistics Engineering and Installation Support Services ♦ Option Year Four (Fund Type - TBD)	1.0	LO			\$11,635,786.98
740101	R425	Funding in support of 5.4.3.1.15 (RDT&E)					
740102	R425	Funding in support of 5.4 (RDT&E)					
740103	R425	Funding in support of 5.1 (O&MN,N)					
740104	R425	Funding in support of 5.4 (RDT&E)					
740105	R425	Funding in support of 5.1 (O&MN,N)					
740106	R425	Funding in support of 5.1 (O&MN,N)					
740107	R425	Funding in support of 5.3 (OPN)					
740108	R425	Funding in support of 5.4 (RDT&E)					
740109	R425	Funding in support of 5.4 (RDT&E)					
740110	R425	Funding in support of 5.1.3.4 and 5.1.3.1 (O&MN,N)					
740111	R425	Funding in support of 5.3.1 (OPN)					
740112	R425	Funding in support of 5.4.3.1.14.3 (RDT&E)					
740113	R425	Funding in support of 5.4 (RDT&E)					
740114	R425	Funding in support of 5.4/5.4.3.1.15 (RDT&E)					
740115	R425	Funding in support of 5.3 (O&MN,N)					
740116	R425	Funding in support of 5.5 (FMS)					
740117	R425	Funding in support of 5.5 (FMS)					
740118	R425	Funding in support of 5.5 (FMS)					
740119	R425	Funding in support of 5.1.3.4 and 5.1.3.1 (O&MN,N)					
740120	R425	Funding for UCLASS Comms Support (RDT&E)					
740121	R425	Funding for UCLASS Comms Support (RDT&E)					
740122	R425	Funding in support of 5.8 (APN)					
740123	R425	Funding in support of 5.5 (FMS)					
740124	R425	Funding in support of 5.5 (FMS)					
740125	R425	Funding in support of 5.5 (FMS)					
740126	R425	Funding in support of 5.1 (O&MN,N)					
740127	R425	Funding in support of 5.1 (O&MN,N)					

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 11 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
740128	R425	Funding in support of 5.4 (RDT&E)					
740129	R425	Funding in support of 5.1 (O&MN,N)					
740130	R425	Funding in support of 5.4 (RDT&E)					
740131	R425	Funding in support of 5.4 (RDT&E)					
740132	R425	Funding in support of 5.4 (RDT&E)					
740133	R425	Funding in support of 5.1 (O&MN,N)					
740134	R425	Funding in support of 5.4 (RDT&E)					
740135	R425	Funding in support of 5.4 (RDT&E)					
740136	R425	Funding in support of 5.4 (RDT&E)					
740137	R425	Funding in support of 5.1 (O&MN,N)					
740138	R425	Funding in support of 5.1 (O&MN,N)					
740139	R425	Funding in support of 5.3 (O&MN,N)					
740140	R425	Funding in support of 5.3 (O&MN,N)					
740141	R425	Funding in support of 5.3 (OPN)					
740142	R425	Funding in support of 5.4 (RDT&E)					
740143	R425	Funding in support of 5.1 (O&MN,N)					
740144	R425	Funding in support of 5.1 (O&MN,N)					
740145	R425	Funding in support of 5.1 (O&MN,N)					
740146	R425	Funding in support of 5.4 (RDT&E)					
740147	R425	Funding in support of 5.1 (O&MN,N)					
740148	R425	Funding in support of 5.4 (RDT&E)					
740149	R425	Funding in support of 5.4 (RDT&E)					
740150	R425	Funding in support of 5.1 (O&MN,N)					
740151	R425	Funding in support of 5.4 (RDT&E)					
7501	R425	Systems and Logistics Engineering and Installation Support Services and Option Year Five (Fund Type - TBD)	1.0	LO			\$5,955,417.00
750101	R425	Funding in support of 5.4 (RDT&E)					
750102	R425	Funding in support of 5.1 (O&MN,N)					
750103	R425	Funding in support of 5.4 (RDT&E)					
750104	R425	Funding in support of 5.4 (RDT&E)					
750105	R425	Funding in support of 5.4 (RDT&E)					
750106	R425	Funding in support of 5.4 (RDT&E)					
750107	R425	Funding in support of 5.3 (OPN)					
750108	R425	Funding in support of 5.1 (O&MN,N)					

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 12 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
750109	R425	Funding in support of 5.1 (O&MN,N)					
750110	R425	Funding in support of 5.4 (RDT&E)					
750111	R425	Funding in support of 5.5 (FMS)					
750112	R425	Funding in support of 5.5 (FMS)					
750113	R425	Funding in support of 5.5 (FMS)					
750114	R425	Funding in support of 5.3.1 (OPN)					
750115	R425	Incremental Funding (RDT&E)					
750116	R425	Incremental Funding (APN)					
750117	R425	Incremental Funding (O&MN,N)					
750118	R425	Funding in support of 5.1.3.4 (O&MN,N)					
750119	R425	Funding in support of 5.1 (O&MN,N)					
750120	R425	Funding in support of 5.4 (RDT&E)					
750121	R425	Funding in support of 5.4 (RDT&E)					
750122	R425	Funding in support of 5.4 (RDT&E)					
750123	R425	Funding in support of 5.4 (RDT&E)					
750124	R425	Funding in support of 5.1 (RDT&E)					
750125	R425	Funding in support of 5.1 (RDT&E)					
750126	R425	Funding in support of 5.4 (RDT&E)					
750127	R425	Funding in support of 5.1 (O&MN,N)					
750128	R425	Funding in support of 5.4 (RDT&E)					
750129	R425	Funding in support of 5.3 (O&MN,N)					
750130	R425	Funding in support of 5.1 (O&MN,N)					
750131	R425	Funding in support of 5.1.3.1 (O&MN,N)					
750132	R425	Funding in support of 5.1 and 5.2 (O&MN,N)					
750133	R425	Funding in support of 5.1.3.1 (O&MN,N)					
750134	R425	Funding in support of 5.1 (O&MN,N)					
750135	R425	Funding in support of 5.4 (RDT&E)					
750136	R425	Funding in support of 5.4 (RDT&E)					
750137	R425	Funding in support of 5.4 (RDT&E)					
750138	R425	Funding in support of 5.1 (O&MN,N)					
750139	R425	Funding in support of 5.3 (OPN)					
750140	R425	Funding in support of 5.4 (RDT&E)					

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 13 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
750141	R425	Funding in support of 5.4 (RDT&E)					
750142	R425	Funding in support of 5.1.3.1 (O&MN,N)					

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9401	R425	Other Direct Cost (ODC) and Travel ♦ Option Year Four (Fund Type - TBD)	1.0	LO	\$466,000.00
940101	R425	In support of 5.4.3.1.14.3 (RDT&E)			
940102	R425	In support of 5.4/5.4.3.1.15 (RDT&E)			
940103	R425	In support of 5.3 (O&MN,N)			
940104	R425	In support of 5.5 (FMS)			
940105	R425	In support of 5.5 (FMS)			
940106	R425	In support of 5.5 (FMS)			
940107	R425	In support of 5.8 (APN)			
940108	R425	In support of 5.5 (FMS)			
940109	R425	In support of 5.5 (FMS)			
940110	R425	In support of 5.5 (FMS)			
940111	R425	In support of 5.1 (O&MN,N)			
940112	R425	In support of 5.1 (O&MN,N)			
940113	R425	In support of 5.4 (RDT&E)			
940114	R425	In support of 5.1 (O&MN,N)			
940115	R425	In support of 5.4 (RDT&E)			
940116	R425	In support of 5.3 (O&MN,N)			
940117	R425	In support of 5.3 (O&MN,N)			
940118	R425	In support of 5.1 (O&MN,N)			
940119	R425	In support of 5.4 (RDT&E)			
940120	R425	In support of 5.3 (OPN)			
9501	R425	Other Direct Cost (ODC) and Travel ♦ Option Year Five (Fund Type - TBD)	1.0	LO	\$274,050.00
950101	R425	Funding in support of paragraph 5.4 (RDT&E)			
950102	R425	Funding in support of paragraph 5.1 (O&MN,N)			
950103	R425	Funding in support of paragraph 5.4 (RDT&E)			
950104	R425	Funding in support of paragraph 5.3 (OPN)			
950105	R425	Funding in support of paragraph 5.1 (O&MN,N)			

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 14 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
950106	R425	Funding in support of paragraph 5.4 (RDT&E)			
950107	R425	Funding in support of paragraph 5.5 (FMS)			
950108	R425	Funding in support of paragraph 5.5 (FMS)			
950109	R425	Funding in support of paragraph 5.5 (FMS)			
950110	R425	Funding in support of paragraph 5.3.1 (OPN)			
950111	R425	Incremental Funding (APN)			
950112	R425	Funding in support of paragraph 5.1.3.1 (O&MN,N)			
950113	R425	Funding in support of paragraph 5.4 (RDT&E)			
950114	R425	Funding in support of paragraph 5.4 (RDT&E)			
950115	R425	Funding in support of paragraph 5.4 (RDT&E)			
950116	R425	Funding in support of paragraph 5.4 (RDT&E)			
950117	R425	Funding in support of paragraph 5.1 (RDT&E)			
950118	R425	Funding in support of paragraph 5.1 (RDT&E)			
950119	R425	Funding in support of paragraph 5.1 (O&MN,N)			
950120	R425	Funding in support of paragraph 5.3 (O&MN,N)			
950121	R425	Funding in support of paragraph 5.4 (RDT&E)			

B-1 ADDITIONAL SLINS

Additional SLINs will be unilaterally created by the Contracting Officer during performance of this Task Order to accommodate the multiple types of funds that will be used under this Order.

B-2 FEE DETERMINATION AND PAYMENT

(a) Total Estimated Hours.

The total number of hours of direct labor (including overtime and subcontract hours), but excluding holiday, sick leave, vacation and other excused absence hours) estimated to be expended under this task order is SEE BELOW TABLE. The SEE BELOW TABLE direct labor hours include 0 uncompensated overtime labor hours.

(b) Computation of Fee.

The fee per direct labor hour is computed by dividing the fixed fee amount shown in Section B by the number of estimated hours.

(c) Modifications.

If the contracting officer determines, for any reason, to adjust the task order amount or the estimated total hours set forth above, such adjustments shall be made by task order modification. Any additional hours will be fee bearing, and the additional negotiated fee will be divided by the additional estimated hours to determine a new fee (applicable to the additional hours only). If the fee for these additional hours is different from that of the original estimated hours, these hours shall be kept separate from the original estimated total hours.

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 15 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

The estimated cost of the task order may be increased by written modification, if required, due to cost overruns. This increase in cost is not fee bearing and no additional hours will be added.

(d) Payment of Fee.

The Government shall pay fixed fee to the contractor on each direct labor hour performed by the contractor or subcontractor, at the rate of SEE TABLE BELOW per labor hour invoiced by the contractor subject to the contract's "Fixed Fee" clause, provided that the total of all such payments shall not exceed eighty-five percent (85%) of the fixed fee specified under the task order. Any balance of fixed fee shall be paid to the contractor, or any overpayment of fixed fee shall be repaid by the contractor, at the time of final payment.

Nothing herein shall be construed to alter or waive any of the rights or obligations of either party pursuant to the FAR 52.232-20 "Limitation of Cost" or FAR 52.232-22 "Limitation of Funds" clauses, either of which is incorporated herein by reference.

<u>Period</u>	<u>CLIN</u>	<u>Fixed Fee (%/\$)</u>	<u>Hours</u>	<u>Fee / Direct Labor Hr</u>
Base Yr	4001		5,118	
Option 1	4101		87,527	
Option 2	4201		80,129	
Option 3	4301		129,712	
Option 4	7401		139,128	
Option 5	7501		71,208	

NOTE: The fee shall be paid to the prime contractor at the per hour rate specified in this paragraph regardless of whether the contractor or subcontractor is performing the work.

5252.232-9210 LIMITATION OF LIABILITY--INCREMENTAL FUNDING (JAN 1992)

This task order is incrementally funded and the amount currently available for payment hereunder is limited to **\$41,303,248.18** (See Breakout by CLIN below) inclusive of fee. It is estimated that these funds will cover the cost of performance through **492,861** hours. Subject to the provisions of the FAR 52.232-22 "Limitation of Funds" clause of this contract, no legal liability on the part of the Government for payment in excess of **\$41,303,248.18** (See Breakout by CLIN below) shall arise unless additional funds are made available and are incorporated as modifications to this contract.

CLINs	Funding	Period of Performance
4001	\$ 368,938.42	Base Year
4101	\$ 6,753,727.63	Option Year 1
4201	\$ 6,290,093.14	Option Year 2
4301	\$ 10,123,914.21	Option Year 3
7401	\$ 10,630,372.82	Option Year 4
7501	\$ 5,875,300.00	Option Year 5
Other direct costs (ODC)		
6001	\$ 7,606.26	Base Year
6101	\$ 178,093.59	Option Year 1
6201	\$ 99,818.87	Option Year 2

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 16 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

6301	\$ 325,116.00	Option Year 3
9401	\$ 376,217.20	Option Year 4
9501	\$ 274,050.00	Option Year 5

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 17 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION C DESCRIPTIONS AND SPECIFICATIONS

C-1 SPECIFICATIONS/STATEMENT OF WORK (DEC 1998) (SPAWAR C-301)

Work under this contract shall be performed in accordance with Attachment No. 1 Performance Work Statement (PWS) R1 and Attachment No. 2 Contract Data Requirements List (CDRL).

C-2 QUALITY ASSURANCE PLAN

Work under this contract shall be performed in accordance with Attachment No. 5 Quality Assurance Surveillance Plan (QASP).

C-3 SECURITY REQUIREMENTS (DEC 1999) (SPAWAR C-313)

The work to be performed under this contract as delineated in the DD Form 254, Attachment No. 3, involves access to and handling of classified material up to and including TOP SECRET.

In addition to the requirements of the FAR 52.204-2 "Security Requirements" clause, the Contractor shall appoint a Security Officer, who shall (1) be responsible for all security aspects of the work performed under this contract, (2) assure compliance with the National Industry Security Program Operating Manual (DODINST 5220.22M), and (3) assure compliance with any written instructions from the SPAWARSYSCOM Security Officer.

C-4 WORKWEEK (DEC 1999) (SPAWAR C-315)

(a) All or a portion of the effort under this contract will be performed on a Government installation. The normal workweek for Government employees at SPAWARSYSCOM is Monday – Friday 0800 to 1630 hours. Work at this Government installation, shall be performed by the contractor within the normal workweek unless differing hours are specified on the individual task orders. Following is a list of holidays observed by the Government:

<u>Name of Holiday</u>	<u>Time of Observance</u>
New Year's Day	1 January
Martin Luther King Jr. Day	Third Monday in January
President's Day	Third Monday in February
Memorial Day	Last Monday in May
Independence Day	4 July
Labor Day	First Monday in September
Columbus Day	Second Monday in October
Veteran's Day	11 November
Thanksgiving Day	Fourth Thursday in November
Christmas Day	25 December

(b) If any of the above holidays occur on a Saturday or a Sunday, then such holiday shall be observed by the Contractor in accordance with the practice as observed by the assigned Government employees at the using activity.

(c) If the Contractor is prevented from performance as the result of an Executive Order or an administrative leave determination applying to the using activity, such time may be charged to the contract as direct cost provided such charges are consistent with the Contractor's accounting practices.

(d) This contract does not allow for payment of overtime during the normal workweek for

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 18 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

employees who are not exempted from the Fair Labor Standards Act unless expressly authorized by the Ordering Officer. Under Federal regulations the payment of overtime is required only when an employee works more than 40 hours in a normal week period.

C-5 NOTICE TO CONTRACTOR OF CERTAIN DRUG DETECTION PROCEDURES (DEC 1999) (SPAWAR C-317)

(a) Pursuant to Navy policy applicable to both Government and contractor personnel, measures will be taken to prevent the introduction and utilization of illegal drugs and related paraphernalia into Government Work areas.

(b) In furtherance of the Navy's drug control program, unannounced periodic inspections of the following nature may be conducted by installation security authorities:

- (1) Routine inspection of contractor occupied work spaces.
- (2) Random inspections of vehicles on entry or exit, with drug detection dog teams as available, to eliminate them as a safe haven for storage of or trafficking in illegal drugs.
- (3) Random inspections of personnel possessions on entry or exit from the installation.

(c) When there is probable cause to believe that a contractor employee on board a naval installation has been engaged in use, possession or trafficking of drugs, the installation authorities may detain said employee until the employee can be removed from the installation, or can be released to the local authorities having jurisdiction.

(d) Trafficking in illegal drug and drug paraphernalia by contract employees while on a military vessel/installation may lead to possible withdrawal or downgrading of security clearance, and/or referral for prosecution by appropriate law enforcement authorities.

(e) The contractor is responsible for the conduct of employees performing work under this contract and is, therefore, responsible to assure that employees are notified of these provisions prior to assignment.

(f) The removal of contractor personnel from a Government vessel or installation as a result of the drug offenses shall not be cause for excusable delay, nor shall such action be deemed a basis for an equitable adjustment to price, delivery or other provisions of this contract.

C-6 ENTERPRISE CONTRACTOR MANPOWER REPORTING APPLICATION (ECMRA)

The contractor shall report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the Space and Naval Warfare Systems Command (SPAWAR) via a secure data collection site. The contractor is required to completely fill in all required data fields using the following web address
<https://doncmra.nmci.navy.mil>.

Reporting inputs (from contractors) will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year. Contractors may direct questions to the help desk, linked at
<https://doncmra.nmci.navy.mil>.

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 19 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION D PACKAGING AND MARKING

See Section G - Contracting Officer's Representative (COR)

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 20 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION E INSPECTION AND ACCEPTANCE

E-1 INSPECTION AND ACCEPTANCE--DESTINATION (JAN 2002)

Inspection and acceptance of the services to be furnished hereunder shall be made at destination by the Task Order Manager or his/her duly authorized representative.

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 21 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION F DELIVERABLES OR PERFORMANCE

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

4001	10/1/2011 - 11/12/2011
4101	11/13/2011 - 11/12/2012
4201	11/13/2012 - 11/12/2013
4301	11/13/2013 - 11/12/2014
6001	10/1/2011 - 11/12/2012
6101	11/13/2011 - 11/12/2012
6201	11/13/2012 - 11/12/2013
6301	11/13/2013 - 11/12/2014
7401	11/13/2014 - 11/12/2015
7501	11/13/2015 - 7/17/2016
9401	11/13/2014 - 11/12/2015
9501	11/13/2015 - 7/17/2016

F-1 PERIODS OF PERFORMANCE (DEC 1999)

Base Period:

4001 26 September 2011 - 12 November 2011

6001 26 September 2011 - 12 November 2011

OPTION 1:

4101 13 November 2011 - 12 November 2012

6101 13 November 2011 - 12 November 2012

OPTION 2:

4201 13 November 2012 - 12 November 2013

6201 13 November 2012 - 12 November 2013

OPTION 3:

4301 13 November 2013 - 12 November 2014

6301 13 November 2013 - 12 November 2014

OPTION 4:

7401 13 November 2014 - 12 November 2015

9401 13 November 2014 - 12 November 2015

OPTION 5:

7501 13 November 2015 - 17 July 2016

9501 13 November 2015 - 17 July 2016

The above period(s) of performance for the option(s) to extend the term of the task order shall apply only if the Government exercises the option(s) as stated in Section B in accordance with the basic contract clause at FAR 52.217-8 "Option to Extend Services" or FAR 52.217-9 "Option to Extend the Term of the Contract.

Any option CLIN period of performance which extends past the current period of performance of the basic contract is only valid to the extent that the basic contract period of performance is extended.

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 22 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION G CONTRACT ADMINISTRATION DATA

G-1 STANDARD MONTHLY STATUS REPORTS

The contractor shall electronically submit Monthly Status Reports (MSR) in accordance with the format and content detailed CDRL Item A001. Submissions are due by the 10th working day of each month to the Contracting Officer's Representative (COR), SPAWAR Total Force Management (SPAWAR Code 8.1) and the SPAWAR Contracts Specialist assigned. This submission may be to a central website.

The contractor shall provide emergent reports at the request of the Task Order Contracting Officer or Contracting Officer's Representative (COR).

G-2 INVOICING AND PAYMENT INSTRUCTIONS FOR MULTIPLE ACCOUNTING CLASSIFICATION CITATIONS

Consistent with task order clause H-1, Segregation of Costs, the contractor shall segregate and accumulate costs for the performance of this task order by the appropriate Accounting Classification Reference Number (ACRN) listed on the attached Financial Accounting Data (FAD) sheet. The contractor's invoice shall identify the appropriate Contract and Task Order numbers. For the work performed, invoiced costs shall be associated to the Contract Line Item Number (CLIN), the Contract Subline Item (SLIN), **and** the specific ACRN. Invoices submitted to the paying office that do not comply with this requirement will be returned to the contractor for resubmission. The contractor shall provide an electronic copy of each invoice to the Task Order Manager at the time of submission to DCAA/DFAS. The paying office will disburse funds in strict compliance with the amounts invoiced by CLIN/SLIN/ACRN.

G-3 TYPE OF CONTRACT (DEC 1999) (SPAWAR G-314)

This is a Cost Plus Fixed Fee (CPFF) task order.

G-4 INVOICING INSTRUCTIONS FOR SERVICES USING WIDE AREA WORK FLOW (WAWF) (JAN 2008) (SPAWAR G-300 (VARIATION))

(a) Invoices for services rendered under this task order shall be submitted electronically through the Wide Area Work Flow-Receipt and Acceptance (WAWF). The contractor shall submit invoices for payment per contract terms. The Government shall process invoices for payment per contract terms.

(b) The vendor shall have their Cage Code activated by calling 1-866-618-5988. Once activated, the vendor shall self-register at the WAWF website at <https://wawf.eb.mil>. Vendor training is available on the internet at <https://wawftraining.eb.mil>. Additional support can be accessed by calling the Navy WAWF Assistance Line at 1-800-559-9293.

(c) Back-up documentation can be included and attached to the invoice in WAWF. Attachments created with any Microsoft Office product, or Adobe (.pdf files), is attachable to the invoice in WAWF.

(d) A separate invoice will be prepared no more frequently than for every two weeks. Do not combine the payment claims for services provided under this contract.

(e) The following information is provided for completion of the invoice in WAWF:

WAWF Invoice Type 1	Cost Voucher
------------------------	--------------

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 23 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Issuing Office DODAAC	N00039
Admin DODAAC:	S2404A
Inspector DODAAC (if applicable)	N00039
Acceptor DODAAC:	N00039
LPO DODAAC:	N/A
DCAA Auditor DoDAAC 2:	HAA47B
Service Approver DoDAAC 2:	N00039
PAY DODAAC:	HQ0338

(f) Before closing out of an invoice session in WAWF, but after submitting the document's, you will be prompted to send additional e-mail notifications. Click on :Send More Email Notifications: and add the acceptor/receiver e-mail address noted below in the first e-mail address block , and add any other additional e-mail 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 e-mail notification to :

Contracting Officer's Representative (COR): **Ramona Bingham**, ramona.bingham@navy.mil

The contractor will provide the COR all supporting documentation pertaining to the current invoice session via e-mail.

G-5 ACTIVITY OMBUDSMAN

The SPAWAR Ombudsman for this Task Order is:

Name: CDR Dave Murree
Code: SPAWAR 2.0B
Address: 4301 Pacific Highway, San Diego CA 92110
Phone: (619) 208-6671
E-Mail: dave.murree@navy.mil

G-6 Contracting Officers Representative (COR)

The SPAWAR COR for this task order is:

Name: **Ramona Bingham**
Code: PMW/A 170
Address: 4301 Pacific Highway, San Diego CA 92110
Phone: (619) 524-3617
E-Mail: ramona.bingham@navy.mil

G-7 CONTRACTOR PERFORMANCE APPRAISAL REPORTING SYSTEM (OCT 2002) (SPAWAR G-321)

(a) Past performance information will be collected and maintained under this contract using the Department of Defense Contractor Performance Appraisal Reporting System (CPARS). CPARS is a

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 24 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

web-enabled application that collects and manages the contractor's performance information on a given contract during a specific period of time. Additional information is available at <http://www.cpars.navy.mil/>.

(b) After contract award, the contractor will be given access authorization by the respective SPAWAR Focal Point, to review and comment on any element of the proposed rating before that rating becomes final. Within 60 days after contract award, the contractor shall provide in writing (or via e-mail) to the contracting officer the name, title, e-mail address and telephone number of the company individual or individuals who will have the responsibility of reviewing and approving any Contractor Performance Appraisal Report (CPAR) developed under the contract. If, during the life of this contract these company individual(s) are replaced by the contractor, the name, title, e-mail address and telephone number of the substitute individuals will be provided to the contracting officer within 60 days of the replacement.

252.204-0012 OTHER (SEP 2009)

The payment office shall make payment from each ACRN in accordance with the amounts invoiced by CLIN/SLIN/ACRN as referenced on the contractor's invoice. The subject Task Order is a cost-type contract that requires multiple CLINs/SLINs/ACRNs to be funded against a fluid schedule. Consequently, the contractor completes the effort in a fluid environment. That said; the best way to define payment instructions is to evaluate the contractor's invoice, which is the only logical reflection of how funds will be expended.

Accounting Data

SLINID	PR Number	Amount
400101	1300222115	46224.00
LLA :		
AA 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A00000849691		
NESP		
Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).		
400102	1300222115	159497.00
LLA :		
AB 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A10000849691		
SHF		
Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).		
400103	1300222115	145546.00
LLA :		
AC 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A20000849691		
NMT		
Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).		
400104	1300222115	20000.00
LLA :		
AD 1711804 5T6M 252 00039 0 050120 2D 000000 COST CODE: A30000849691		
Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).		
400105	1300222115	102549.00
LLA :		
AE 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A40000849691		

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 25 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

NESP Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400106 1300222115 64804.00

LLA :

AE 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A40000849691

CBSP Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400107 1300222115 123113.00

LLA :

AF 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A50000849691

VSAT Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400108 1300222115 205465.00

LLA :

AG 1711804 5C5C 252 00039 0 050120 2D 000000 COST CODE: A60000849691

SMQ-11 Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400109 1300222115 17000.00

LLA :

AH 1711804 5U7N 252 00039 0 050120 2D 000000 COST CODE: A70000849691

PRP Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400110 1300222115 107150.00

LLA :

AJ 1711804 5U7N 252 00039 0 050120 2D 000000 COST CODE: A80000849691

BFTN Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400111 1300222115 20000.00

LLA :

AK 1711804 5U7N 252 00039 0 050120 2D 000000 COST CODE: A90000849691

CSEL Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400112 1300222115 704318.00

LLA :

AL 1711810 M2NS 252 00039 0 050120 2D 000000 COST CODE: B0000849691

NMT Front Office

600101 1300222115 30000.00

LLA :

AJ 1711804 5U7N 252 00039 0 050120 2D 000000 COST CODE: A80000849691

BFTN - Front Office

600102 1300222115 20000.00

LLA :

AL 1711810 M2NS 252 00039 0 050120 2D 000000 COST CODE: B0000849691

NMT - Front Office

BASE Funding 1765666.00

Cumulative Funding 1765666.00

MOD 01 Funding 0.00

Cumulative Funding 1765666.00

MOD 02

410101 50000.00

LLA :

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 26 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

AM 1721319 X7KP 252 00039 0 050120 2D 000000 A00000930364
CIN 130023370700001

410102 280000.00
LLA :
AN 1721319 X7KP 252 00039 0 050120 2D 000000 A10000930364
CIN 130023370700002

410103 50000.00
LLA :
AP 1721319 X544 252 00039 0 050120 2D 000000 A20000930364
CIN 130023370700003

410104 29977.00
LLA :
AQ 1721804 5C1C 252 00039 0 050120 2D 000000 A30000930364
CIN 130023370700004

410105 26148.00
LLA :
AR 1721804 5C1C 252 00039 0 050120 2D 000000 A40000930364
CIN 130023370700005

410106 37000.00
LLA :
AS 1721804 5U7N 252 00039 0 050120 2D 000000 A50000930364
CIN 130023370700006

410107 990000.00
LLA :
AT 1721810 M2NS 252 00039 0 050120 2D 000000 A60000930364
CIN 130023370700007

410108 461116.00
LLA :
AU 1721810 M2NS 252 00039 0 050120 2D 000000 A70000930364
CIN 130023370700008

610101 60000.00
LLA :
AN 1721319 X7KP 252 00039 0 050120 2D 000000 A10000930364
CIN 130023370700002

610102 5000.00
LLA :
AQ 1721804 5C1C 252 00039 0 050120 2D 000000 A30000930364
CIN 130023370700004

610103 5000.00
LLA :
AR 1721804 5C1C 252 00039 0 050120 2D 000000 A40000930364
CIN 130023370700005

610104 10000.00
LLA :
AS 1721804 5U7N 252 00039 0 050120 2D 000000 A50000930364
CIN 130023370700006

610105 50000.00
LLA :
AT 1721810 M2NS 252 00039 0 050120 2D 000000 A60000930364
CIN 130023370700007

610106 50000.00
LLA :
AU 1721810 M2NS 252 00039 0 050120 2D 000000 A70000930364
CIN 130023370700008

MOD 02 Funding 2104241.00
Cumulative Funding 3869907.00

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 27 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

MOD 03 Funding 0.00
Cumulative Funding 3869907.00

MOD 04

410109 240000.00
LLA :
AV 5723600 292E TLA 64405 2 3GFP15 59 ZZ6343 2F503000F030 00101360059685818969 F03000
130023718200001

410110 100000.00
LLA :
AW 1721319 X7KP 252 00039 0 050120 2D 000000 A00000954089
130023718200002

410111 161227.00
LLA :
AX 1721319 X7KP 252 00039 0 050120 2D 000000 A10000954089
130023718200003

410112 84000.00
LLA :
AY 1721319 X544 252 00039 0 050120 2D 000000 A20000954089
130023718200004

410113 39188.00
LLA :
AZ 1721319 X544 252 00039 0 050120 2D 000000 A30000954089
130023718200005

410114 34977.00
LLA :
BA 1721804 5C1C 252 00039 0 050120 2D 000000 A40000954089
130023718200006

410115 55172.00
LLA :
BB 1721804 5C1C 252 00039 0 050120 2D 000000 A50000954089
130023718200007

610107 20000.00
LLA :
AV 5723600 292E TLA 64405 2 3GFP15 59 ZZ6343 2F503000F030 00101360059685818969 F03000
130023718200001

610108 10000.00
LLA :
AX 1721319 X7KP 252 00039 0 050120 2D 000000 A10000954089
130023718200003

MOD 04 Funding 744564.00
Cumulative Funding 4614471.00

MOD 05 Funding 0.00
Cumulative Funding 4614471.00

MOD 06

410116 58000.00
LLA :
BC 97X4930 NH3P 252 77777 0 050120 2F 000000 A00001002825
130024251400001

610109 4000.00
LLA :
BC 97X4930 NH3P 252 77777 0 050120 2F 000000 A00001002825
130024251400001

MOD 06 Funding 62000.00
Cumulative Funding 4676471.00

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 28 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

MOD 07

410117 90995.00
LLA :
BD 1721804 5T6M 252 00039 0 050120 2D 000000 A00001025375
130024538700001

410118 258584.00
LLA :
BE 1721804 5U7N 252 00039 0 050120 2D 000000 A10001025375
130024538700002

410119 215000.00
LLA :
BF 1721804 5C1C 252 00039 0 050120 2D 000000 A20001025375
130024538700003

410120 120000.00
LLA :
BG 1721804 5C1C 252 00039 0 050120 2D 000000 A30001025375
130024538700004

410121 242000.00
LLA :
BH 1721810 M2NS 252 00039 0 050120 2D 000000 A40001025375
130024538700005

410122 20884.00
LLA :
BJ 1721810 M2NR 252 00039 0 050120 2D 000000 A50001025375
130024538700006

410123 400000.00
LLA :
BK 1721319 X7KP 252 00039 0 050120 2D 000000 A60001025375
130024538700007

410124 145000.00
LLA :
BL 1711810 M2NR 252 00039 0 050120 2D 000000 A70001025375
130024538700008

410125 500000.00
LLA :
BM 9712130400 2520 XWS PA68F Y 12A2FY 12 137100 00251HQ00062 102390400040604880C00 044
411
130024524300001

410126 100000.00
LLA :
BN 9712130400 2520 XCS PB09F Y 12B2FY 12 137100 00251HQ00062 104560400040603892C00 044
411
130024524300002

610110 20000.00
LLA :
BD 1721804 5T6M 252 00039 0 050120 2D 000000 A00001025375
130024538700001

610111 20000.00
LLA :
BH 1721810 M2NS 252 00039 0 050120 2D 000000 A40001025375
130024538700005

610112 70000.00
LLA :
BK 1721319 X7KP 252 00039 0 050120 2D 000000 A60001025375
130024538700007

MOD 07 Funding 2202463.00

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 29 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Cumulative Funding 6878934.00

MOD 08

410127 1300247922 170000.00
 LLA :
 BP 1721319 J5XQ 251 00019 0 050120 2D 000000 A00001042975

MOD 08 Funding 170000.00
 Cumulative Funding 7048934.00

MOD 09

410128 1300249694 100000.00
 LLA :
 BQ 1721804 5B2B 252 00039 0 050120 2D 000000 COST CODE: A00001056766

MOD 09 Funding 100000.00
 Cumulative Funding 7148934.00

MOD 10

410129 1300254004 332000.00
 LLA :
 BR 9712130400 2520 XCS PB09F Y 12B2FY 12 137100 00251HQ00062 104560400040603892C00 044
 411
 CIN 130025400400001

MOD 10 Funding 332000.00
 Cumulative Funding 7480934.00

MOD 11

400112 1300222115 (704318.00)
 LLA :
 AL 1711810 M2NS 252 00039 0 050120 2D 000000 COST CODE: B0000849691
 NMT Front Office

410130 1300222115-0003 704318.00
 LLA :
 AL 1711810 M2NS 252 00039 0 050120 2D 000000 COST CODE: B0000849691
 CIN 130022211500014

410131 1300259645 85000.00
 LLA :
 BS 97 11X8242 2886 000 74862 0 065916 2D PCN044 COST CODE: 130660020LHL
 CIN 130025964500001

410132 1300259645 95000.00
 LLA :
 BT 97 11X8242 2812 000 74122 0 065916 2D PNET44 COST CODE: 030580030LGR
 CIN 130025964500002

410133 1300259645 95000.00
 LLA :
 BU 97-11X8242 2880 000 74802 0 065916 2D PUK044 COST CODE: 015980060LTN
 CIN 130025964500003

600102 1300222115 (20000.00)
 LLA :
 AL 1711810 M2NS 252 00039 0 050120 2D 000000 COST CODE: B0000849691
 NMT - Front Office

610113 1300222115-0003 20000.00
 LLA :
 AL 1711810 M2NS 252 00039 0 050120 2D 000000 COST CODE: B0000849691
 CIN 130022211500014

610114 1300259645 10000.00

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 30 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

LLA :
BS 97 11X8242 2886 000 74862 0 065916 2D PCN044 COST CODE: 130660020LHL
CIN 130025964500001

MOD 11 Funding 285000.00
Cumulative Funding 7765934.00

MOD 12

410134 49000.00
LLA :
BV 9712130400 2520 XWS PA68F Y 12A2FY 12 137100 00251HQ00062 102390400040604880C00 044
411
CIN 130026723000001

410135 91900.00
LLA :
BW 1711319 X7HX 252 00039 0 050120 2D 000000 A10001176090
CIN 130026723000003

410136 99000.00
LLA :
BX 1721810 M2NR 252 00039 0 050120 2D 000000 A20001176090
CIN 130026723000004

410137 15000.00
LLA :
BY 1721804 5C1C 252 00039 0 050120 2D 000000 A30001176090
CIN 130026723000005

410138 40000.00
LLA :
BZ 1721804 5C1C 252 00039 0 050120 2D 000000 A40001176090
CIN 130026723000006

410139 160000.00
LLA :
CA 1721804 5C1C 252 00039 0 050120 2D 000000 A50001176090
CIN 130026723000007

410140 103000.00
LLA :
CB 1721319 X544 252 00039 0 050120 2D 000000 A60001176090
CIN 130026723000008

610115 51000.00
LLA :
BV 9712130400 2520 XWS PA68F Y 12A2FY 12 137100 00251HQ00062 102390400040604880C00 044
411
CIN 130026723000001

MOD 12 Funding 608900.00
Cumulative Funding 8374834.00

MOD 13

410130 1300222115-0004 20000.00
LLA :
AL 1711810 M2NS 252 00039 0 050120 2D 000000 COST CODE: B0000849691
CIN 130022211500014

610113 1300222115-0004 (20000.00)
LLA :
AL 1711810 M2NS 252 00039 0 050120 2D 000000 COST CODE: B0000849691
CIN 130022211500014

MOD 13 Funding 0.00
Cumulative Funding 8374834.00

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 31 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

MOD 14

410124 (60000.00)
 LLA :
 BL 1711810 M2NR 252 00039 0 050120 2D 000000 A70001025375
 130024538700008

MOD 14 Funding -60000.00
 Cumulative Funding 8314834.00

MOD 15

410141 1300287491 292000.00
 LLA :
 CD 1721804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A10001302828
 CLIN 130028749100002

410142 1300287491 59081.00
 LLA :
 CE 1721804 5C1C 252 00039 0 050120 2D 000000 A20001302828 COST CODE: A20001302828
 CLIN 130028749100003

410143 1300287491 77000.00
 LLA :
 CF 1721804 5C1C 252 00039 0 050120 2D 000000 A30001302828 COST CODE: A30001302828
 CLIN 130028749100004

410144 1300289209 13000.00
 LLA :
 CG 9712130400 2520 XWS PA68F Y 12A2FY 12 137100 00251HQ00062 171730400040604880C00 044
 411
 CLIN 130028920900001

410145 1300289209 3000.00
 LLA :
 CG 9712130400 2520 XWS PA68F Y 12A2FY 12 137100 00251HQ00062 171730400040604880C00 044
 411
 CLIN 130028920900002

410146 1300295414 35000.00
 LLA :
 CH 1721804 5C1C 252 00039 0 050120 2D 000000 A00001337804 COST CODE: A00001337804
 CIN 130029541400001

410147 1300293688 85200.00
 LLA :
 CJ 1721804 60TF 253 00055 068892 2D X003SH COST CODE: 000552NTWK1Q
 CIN 130029368800001

610116 1300287491 5000.00
 LLA :
 CC 1721319 X544 252 00039 0 050120 2D 000000 A00001302828 COST CODE: A00001302828
 CLIN 130028749100001

610117 1300289209 14000.00
 LLA :
 CG 9712130400 2520 XWS PA68F Y 12A2FY 12 137100 00251HQ00062 171730400040604880C00 044
 411
 CLIN 130028920900002

610118 1300293688 2000.00
 LLA :
 CJ 1721804 60TF 253 00055 068892 2D X003SH COST CODE: 000552NTWK1Q
 CIN 130029368800001

MOD 15 Funding 585281.00
 Cumulative Funding 8900115.00

MOD 16

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	32 of 88	

400101 1300222115 (6055.64)

LLA :

AA 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A00000849691

NESP

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400102 1300222115 (1378.28)

LLA :

AB 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A10000849691

SHF

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400103 1300222115 (36354.87)

LLA :

AC 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A20000849691

NMT

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400104 1300222115 (15918.10)

LLA :

AD 1711804 5T6M 252 00039 0 050120 2D 000000 COST CODE: A30000849691

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400105 1300222115 (80351.35)

LLA :

AE 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A40000849691

NESP Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400106 1300222115 (64804.00)

LLA :

AE 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A40000849691

CBSP Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400107 1300222115 (123113.00)

LLA :

AF 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A50000849691

VSAT Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400108 1300222115 (205465.00)

LLA :

AG 1711804 5C5C 252 00039 0 050120 2D 000000 COST CODE: A60000849691

SMQ-11 Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400109 1300222115 (2493.25)

LLA :

AH 1711804 5U7N 252 00039 0 050120 2D 000000 COST CODE: A70000849691

PRP Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400110 1300222115 (93790.00)

LLA :

AJ 1711804 5U7N 252 00039 0 050120 2D 000000 COST CODE: A80000849691

BFTN Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400111 1300222115 (10014.09)

LLA :

AK 1711804 5U7N 252 00039 0 050120 2D 000000 COST CODE: A90000849691

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 33 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

CSEL Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

600101 1300222115 (21911.75)

LLA :

AJ 1711804 5U7N 252 00039 0 050120 2D 000000 COST CODE: A80000849691

BFTN - Front Office

MOD 16 Funding -661649.33

Cumulative Funding 8238465.67

MOD 17 Funding 0.00

Cumulative Funding 8238465.67

MOD 18

420101 1300313845 84300.00

LLA :

CK 1731804 5C1C 252 00039 0 050120 2D 000000 A00001482445

CIN 130031384500001

420102 1300313845 143000.00

LLA :

CL 1731804 5C1C 252 00039 0 050120 2D 000000 A10001482445

CIN 130031384500002

420103 1300313845 3497.00

LLA :

CM 9720350 5A3R 252 00039 0 050120 2D 000000 A20001482445

CIN 130031384500003

420104 1300313845 8721.00

LLA :

CN 1721319 D5HK 252 00039 0 050120 2D 000000 A30001482445

CIN 130031384500004

620101 1300313845 25000.00

LLA :

CL 1731804 5C1C 252 00039 0 050120 2D 000000 A10001482445

CIN 130031384500002

620102 1300313845 2000.00

LLA :

CN 1721319 D5HK 252 00039 0 050120 2D 000000 A30001482445

CIN 130031384500004

MOD 18 Funding 266518.00

Cumulative Funding 8504983.67

MOD 19

410102 (6542.07)

LLA :

AN 1721319 X7KP 252 00039 0 050120 2D 000000 A10000930364

CIN 130023370700002

410107 (32000.00)

LLA :

AT 1721810 M2NS 252 00039 0 050120 2D 000000 A60000930364

CIN 130023370700007

410108 (13000.00)

LLA :

AU 1721810 M2NS 252 00039 0 050120 2D 000000 A70000930364

CIN 130023370700008

410109 (59000.00)

LLA :

AV 5723600 292E TLA 64405 2 3GFP15 59 ZZ6343 2F503000F030 00101360059685818969 F03000

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 34 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

130023718200001

410111 (6000.00)
LLA :
AX 1721319 X7KP 252 00039 0 050120 2D 000000 A10000954089
130023718200003

410113 (5000.00)
LLA :
AZ 1721319 X544 252 00039 0 050120 2D 000000 A30000954089
130023718200005

410130 1300222115-0004 (62256.00)
LLA :
AL 1711810 M2NS 252 00039 0 050120 2D 000000 COST CODE: B0000849691
CIN 130022211500014

420103 1300313845 (3497.00)
LLA :
CM 9720350 5A3R 252 00039 0 050120 2D 000000 A20001482445
CIN 130031384500003

MOD 19 Funding -187295.07
Cumulative Funding 8317688.60

MOD 20

420105 1300317887 697244.00
LLA :
CP 1731804 5C1C 252 00039 0 050120 2D 000000 A00001508634

420106 1300317887 285000.00
LLA :
CQ 1731319 X7KP 252 00039 0 050120 2D 000000 A10001508634

420107 1300317887 54000.00
LLA :
CR 1731319 X5HK 252 00039 0 050120 2D 000000 A20001508634

420108 1300317887 980000.00
LLA :
CS 1731319 X7KP 252 00039 0 050120 2D 000000 A30001508634

420109 1300317887 110000.00
LLA :
CT 1731319 X544 252 00039 0 050120 2D 000000 A40001508634

420110 1300317887 534000.00
LLA :
CU 1731810 M2NS 252 00039 0 050120 2D 000000 A60001508634

420111 1300317887 119000.00
LLA :
CV 1731804 5C1C 252 00039 0 050120 2D 000000 A70001508634

420112 1300318241-0007 95667.00
LLA :
CW 97 11X8242 2886 000 74862 0 065916 2D PCN044 203780060LHL

420113 1300318241-0007 105666.00
LLA :
CX 97 11X8242 2812 000 74122 0 065916 2D PNET44 132080060LGR

420114 1300318241-0007 105667.00
LLA :
CY 97 11X8242 2880 000 74802 0 065916 2D PUK044 132180090LTN

620103 1300317887 12200.00
LLA :
CP 1731804 5C1C 252 00039 0 050120 2D 000000 A00001508634

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	35 of 88	

620104 1300317887 20000.00
 LLA :
 CQ 1731319 X7KP 252 00039 0 050120 2D 000000 A10001508634

620105 1300317887 20000.00
 LLA :
 CS 1731319 X7KP 252 00039 0 050120 2D 000000 A30001508634

620106 1300317887 20000.00
 LLA :
 CU 1731810 M2NS 252 00039 0 050120 2D 000000 A60001508634

620107 1300318241-0007 10000.00
 LLA :
 CW 97 11X8242 2886 000 74862 0 065916 2D PCN044 203780060LHL

MOD 20 Funding 3168444.00
 Cumulative Funding 11486132.60

MOD 21

420115 1300311137 160000.00
 LLA :
 CZ 1731319 J5XQ 251 00019 0 050120 2D 000000 COST CODE: A00001459525
 CLIN 130031113700010

MOD 21 Funding 160000.00
 Cumulative Funding 11646132.60

MOD 22

420116 1300342280 18119.00
 LLA :
 DA 1731810 M2DA 252 00039 0 050120 2D 000000 COST CODE: A00001666646
 CIN 130034228000001: \$18,119.00
 D-STF-PK NCVI Install Design Plan Ashore for Services Systems Technical Forum (STF) contract, PWS Para 5.3.1.6 to develop Installation Design Plan (IDP) documents in support of Navy Certificate Validation Infrastructure (NCVI) 2.1 shore installations.

MOD 22 Funding 18119.00
 Cumulative Funding 11664251.60

MOD 23

410101 (1162.46)
 LLA :
 AM 1721319 X7KP 252 00039 0 050120 2D 000000 A00000930364
 CIN 130023370700001

410103 (203.93)
 LLA :
 AP 1721319 X544 252 00039 0 050120 2D 000000 A20000930364
 CIN 130023370700003

410104 (1250.97)
 LLA :
 AQ 1721804 5C1C 252 00039 0 050120 2D 000000 A30000930364
 CIN 130023370700004

410105 (423.54)
 LLA :
 AR 1721804 5C1C 252 00039 0 050120 2D 000000 A40000930364
 CIN 130023370700005

410106 (575.72)
 LLA :
 AS 1721804 5U7N 252 00039 0 050120 2D 000000 A50000930364
 CIN 130023370700006

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 36 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

410107 (6621.62)
LLA :
AT 1721810 M2NS 252 00039 0 050120 2D 000000 A60000930364
CIN 130023370700007

410108 (960.71)
LLA :
AU 1721810 M2NS 252 00039 0 050120 2D 000000 A70000930364
CIN 130023370700008

410109 (45950.56)
LLA :
AV 5723600 292E TLA 64405 2 3GFP15 59 ZZ6343 2F503000F030 00101360059685818969 F03000
130023718200001

410110 (1376.63)
LLA :
AW 1721319 X7KP 252 00039 0 050120 2D 000000 A00000954089
130023718200002

410111 (3872.04)
LLA :
AX 1721319 X7KP 252 00039 0 050120 2D 000000 A10000954089
130023718200003

410112 (1460.40)
LLA :
AY 1721319 X544 252 00039 0 050120 2D 000000 A20000954089
130023718200004

410113 (3145.45)
LLA :
AZ 1721319 X544 252 00039 0 050120 2D 000000 A30000954089
130023718200005

410115 (95.93)
LLA :
BB 1721804 5C1C 252 00039 0 050120 2D 000000 A50000954089
130023718200007

410117 (642.49)
LLA :
BD 1721804 5T6M 252 00039 0 050120 2D 000000 A00001025375
130024538700001

410118 (3330.66)
LLA :
BE 1721804 5U7N 252 00039 0 050120 2D 000000 A10001025375
130024538700002

410119 (4995.16)
LLA :
BF 1721804 5C1C 252 00039 0 050120 2D 000000 A20001025375
130024538700003

410120 (2480.50)
LLA :
BG 1721804 5C1C 252 00039 0 050120 2D 000000 A30001025375
130024538700004

410121 (18050.21)
LLA :
BH 1721810 M2NS 252 00039 0 050120 2D 000000 A40001025375
130024538700005

410122 (2952.38)
LLA :
BJ 1721810 M2NR 252 00039 0 050120 2D 000000 A50001025375
130024538700006

410123 (152321.94)

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	37 of 88	

LLA :

BK 1721319 X7KP 252 00039 0 050120 2D 000000 A60001025375
130024538700007

410124 (21392.00)

LLA :

BL 1711810 M2NR 252 00039 0 050120 2D 000000 A70001025375
130024538700008

410125 (11959.15)

LLA :

BM 9712130400 2520 XWS PA68F Y 12A2FY 12 137100 00251HQ00062 102390400040604880C00 044
411
130024524300001

410126 (1782.38)

LLA :

BN 9712130400 2520 XCS PB09F Y 12B2FY 12 137100 00251HQ00062 104560400040603892C00 044
411
130024524300002

410127 1300247922 (5064.36)

LLA :

BP 1721319 J5XQ 251 00019 0 050120 2D 000000 A00001042975

410128 1300249694 (1879.44)

LLA :

BQ 1721804 5B2B 252 00039 0 050120 2D 000000 COST CODE: A00001056766

410129 1300254004 (2533.31)

LLA :

BR 9712130400 2520 XCS PB09F Y 12B2FY 12 137100 00251HQ00062 104560400040603892C00 044
411
CIN 130025400400001

410130 1300222115-0004 (17603.22)

LLA :

AL 1711810 M2NS 252 00039 0 050120 2D 000000 COST CODE: B0000849691
CIN 130022211500014

410131 1300259645 (5415.96)

LLA :

BS 97 11X8242 2886 000 74862 0 065916 2D PCN044 COST CODE: 130660020LHL
CIN 130025964500001

410132 1300259645 (27995.88)

LLA :

BT 97 11X8242 2812 000 74122 0 065916 2D PNET44 COST CODE: 030580030LGR
CIN 130025964500002

410133 1300259645 (71338.74)

LLA :

BU 97-11X8242 2880 000 74802 0 065916 2D PUK044 COST CODE: 015980060LTN
CIN 130025964500003

410134 (3024.11)

LLA :

BV 9712130400 2520 XWS PA68F Y 12A2FY 12 137100 00251HQ00062 102390400040604880C00 044
411
CIN 130026723000001

410135 (10816.25)

LLA :

BW 1711319 X7HX 252 00039 0 050120 2D 000000 A10001176090
CIN 130026723000003

410136 (667.83)

LLA :

BX 1721810 M2NR 252 00039 0 050120 2D 000000 A20001176090
CIN 130026723000004

410137 (605.62)

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	38 of 88	

LLA :

BY 1721804 5C1C 252 00039 0 050120 2D 000000 A30001176090
CIN 130026723000005

410138 (837.29)

LLA :

BZ 1721804 5C1C 252 00039 0 050120 2D 000000 A40001176090
CIN 130026723000006

410139 (3100.68)

LLA :

CA 1721804 5C1C 252 00039 0 050120 2D 000000 A50001176090
CIN 130026723000007

410140 (5826.04)

LLA :

CB 1721319 X544 252 00039 0 050120 2D 000000 A60001176090
CIN 130026723000008

410141 1300287491 (5314.24)

LLA :

CD 1721804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A10001302828
CLIN 130028749100002

410142 1300287491 (1098.36)

LLA :

CE 1721804 5C1C 252 00039 0 050120 2D 000000 A20001302828 COST CODE: A20001302828
CLIN 130028749100003

410143 1300287491 (6371.60)

LLA :

CF 1721804 5C1C 252 00039 0 050120 2D 000000 A30001302828 COST CODE: A30001302828
CLIN 130028749100004

410144 1300289209 (13000.00)

LLA :

CG 9712130400 2520 XWS PA68F Y 12A2FY 12 137100 00251HQ00062 171730400040604880C00 044
411
CLIN 130028920900001

410145 1300289209 (3000.00)

LLA :

CG 9712130400 2520 XWS PA68F Y 12A2FY 12 137100 00251HQ00062 171730400040604880C00 044
411
CLIN 130028920900002

410146 1300295414 (353.26)

LLA :

CH 1721804 5C1C 252 00039 0 050120 2D 000000 A00001337804 COST CODE: A00001337804
CIN 130029541400001

410147 1300293688 (6572.31)

LLA :

CJ 1721804 60TF 253 00055 068892 2D X003SH COST CODE: 000552NTWK1Q
CIN 130029368800001

610101 (11291.18)

LLA :

AN 1721319 X7KP 252 00039 0 050120 2D 000000 A10000930364
CIN 130023370700002

610103 (340.30)

LLA :

AR 1721804 5C1C 252 00039 0 050120 2D 000000 A40000930364
CIN 130023370700005

610104 (233.56)

LLA :

AS 1721804 5U7N 252 00039 0 050120 2D 000000 A50000930364
CIN 130023370700006

610105 (31812.09)

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	39 of 88	

LLA :
AT 1721810 M2NS 252 00039 0 050120 2D 000000 A60000930364
CIN 130023370700007

610106 (37423.08)

LLA :
AU 1721810 M2NS 252 00039 0 050120 2D 000000 A70000930364
CIN 130023370700008

610107 (18601.39)

LLA :
AV 5723600 292E TLA 64405 2 3GFP15 59 ZZ6343 2F503000F030 00101360059685818969 F03000
130023718200001

610108 (9852.22)

LLA :
AX 1721319 X7KP 252 00039 0 050120 2D 000000 A10000954089
130023718200003

610110 (1623.76)

LLA :
BD 1721804 5T6M 252 00039 0 050120 2D 000000 A00001025375
130024538700001

610111 (10308.87)

LLA :
BH 1721810 M2NS 252 00039 0 050120 2D 000000 A40001025375
130024538700005

610112 (43396.03)

LLA :
BK 1721319 X7KP 252 00039 0 050120 2D 000000 A60001025375
130024538700007

610114 1300259645 (9852.22)

LLA :
BS 97 11X8242 2886 000 74862 0 065916 2D PCN044 COST CODE: 130660020LHL
CIN 130025964500001

610115 (28098.72)

LLA :
BV 9712130400 2520 XWS PA68F Y 12A2FY 12 137100 00251HQ00062 102390400040604880C00 044
411
CIN 130026723000001

610116 1300287491 (4926.11)

LLA :
CC 1721319 X544 252 00039 0 050120 2D 000000 A00001302828 COST CODE: A00001302828
CLIN 130028749100001

610117 1300289209 (14000.00)

LLA :
CG 9712130400 2520 XWS PA68F Y 12A2FY 12 137100 00251HQ00062 171730400040604880C00 044
411
CLIN 130028920900002

MOD 23 Funding -701184.86
Cumulative Funding 10963066.74

MOD 24

420117 162606.00

LLA :
CZ 1731319 J5XQ 251 00019 0 050120 2D 000000 A00001459525
CIN 130031113700020

420118 441000.00

LLA :
DB 1731319 X7KP 252 00039 0 050120 2D 000000 A00001691046
CIN 130034557500001

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 40 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

420119 72500.00
 LLA :
 DC 1731804 5C1C 252 00039 0 050120 2D 000000 A10001691046
 CIN 130034557500002

MOD 24 Funding 676106.00
 Cumulative Funding 11639172.74

MOD 25

420120 28000.00
 LLA :
 DD 1731804 5C1C 252 00039 0 050120 2D 000000 A00001758745
 CIN 130035492100001

420121 343000.00
 LLA :
 DE 1731319 X7HX 252 00039 0 050120 2D 000000 A10001758745
 CIN 130035492100002

420122 448120.00
 LLA :
 DF 1731319 X7KP 252 00039 0 050120 2D 000000 A20001758745
 CIN 130035492100003

420123 781670.00
 LLA :
 DG 1731810 M2NS 252 00039 0 050120 2D 000000 A30001758745
 CIN 130035492100004

620108 10000.00
 LLA :
 DD 1731804 5C1C 252 00039 0 050120 2D 000000 A00001758745
 CIN 130035492100001

620109 25000.00
 LLA :
 DF 1731319 X7KP 252 00039 0 050120 2D 000000 A20001758745
 CIN 130035492100003

620110 25000.00
 LLA :
 DG 1731810 M2NS 252 00039 0 050120 2D 000000 A30001758745
 CIN 130035492100004

MOD 25 Funding 1660790.00
 Cumulative Funding 13299962.74

MOD 26

420124 86694.03
 LLA :
 DH 1731506 45CX 251 00019 0 050120 2D 000000 A00001757055
 CIN 130035463100010

620111 3305.97
 LLA :
 DH 1731506 45CX 251 00019 0 050120 2D 000000 A00001757055
 CIN 130035463100020

MOD 26 Funding 90000.00
 Cumulative Funding 13389962.74

MOD 27

420125 1300363489 50000.00
 LLA :
 DJ 9713140400 2520 XWS PA68F Y 13A2FY 13 147100 00251HQ00063 270430400040604880C00 044
 411

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 41 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Standard Number: 130036348900001

420126 1300363489 207000.00

LLA :

DK 1731319 X7HX 252 00039 0 050120 2D 000000 COST CODE: A00001812908

Standard Number: 130036348900002

420127 1300363489 99000.00

LLA :

DL 1731319 X7JN 252 00039 0 050120 2D 000000 COST CODE: A10001812908

Standard Number: 130036348900003

420128 1300363489 106250.00

LLA :

DM 1731319 X544 252 00039 0 050120 2D 000000 COST CODE: A20001812908

Standard Number: 130036348900004

MOD 27 Funding 462250.00

Cumulative Funding 13852212.74

MOD 28

420129 1300365517 411000.00

LLA :

DN 1731810 M25F 252 00039 0 050120 2D 000000 COST CODE: A00001822776

MOD 28 Funding 411000.00

Cumulative Funding 14263212.74

MOD 29

420130 1300369587 17200.00

LLA :

DP 97-11X8242 2886 000 74862 0 065916 2D PCN044 COST CODE: 203780060LHL

Standard Number: 130036958700001

420131 1300369587 17200.00

LLA :

DQ 97-11X8242 2812 000 74122 0 065916 2D PNET44 COST CODE: 132080060LGR

Standard Number: 130036958700002

420132 1300369587 17200.00

LLA :

DR 97-11X8242 2880 000 74802 0 065916 2D PUK044 COST CODE: 132180090LTN

Standard Number: 130036958700003

420133 1300369671 48000.00

LLA :

DS 1731319 X7HX 252 00039 0 050120 2D 000000 COST CODE: A00001845458

Standard Number: 130036967100001

620112 1300370247 5000.00

LLA :

DT 1731810 M25F 252 00039 0 050120 2D 000000 COST CODE: A00001849955

Standard Number: 130037024700001

MOD 29 Funding 104600.00

Cumulative Funding 14367812.74

MOD 30 Funding 0.00

Cumulative Funding 14367812.74

MOD 31

430101 1300387746 170000.00

LLA :

DU 97-11X8242 2886 000 74862 0 065916 2D PCN044 COST CODE: 311681080LHL

Standard Number: 130038774600001

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	42 of 88	

430102 1300387746 170000.00

LLA :

DV 97-11X8242 2812 000 74122 0 065916 2D PNET44 COST CODE: 311680080LGR
Standard Number: 130038774600002

430103 1300387746 170000.00

LLA :

DW 97-11X8242 2880 000 74802 0 065916 2D PUK844 COST CODE: 326980030LTN
Standard Number: 130038774600003

630101 1300387746 5000.00

LLA :

DU 97-11X8242 2886 000 74862 0 065916 2D PCN044 COST CODE: 311681080LHL
Standard Number: 130038774600001

630102 1300387746 5000.00

LLA :

DV 97-11X8242 2812 000 74122 0 065916 2D PNET44 COST CODE: 311680080LGR
Standard Number: 130038774600002

630103 1300387746 5000.00

LLA :

DW 97-11X8242 2880 000 74802 0 065916 2D PUK844 COST CODE: 326980030LTN
Standard Number: 130038774600003

MOD 31 Funding 525000.00

Cumulative Funding 14892812.74

MOD 32

430104 1300387210 314411.00

LLA :

DX 1741319 J5XQ 251 00019 0 050120 2D 000000 COST CODE: A00002001106
Standard Number: 130038721000010

430105 1300387742 58000.00

LLA :

DY 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A00002004738
Standard Number: 130038774200001

430106 1300387742 25000.00

LLA :

DZ 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A10002004738
Standard Number: 130038774200002

430107 1300387742 90000.00

LLA :

EA 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A20002004738
Standard Number: 130038774200003

430108 1300387742 11795.00

LLA :

EB 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A30002004738
Standard Number: 130038774200004

430109 1300387742 140000.00

LLA :

EC 1741319 X544 252 00039 0 050120 2D 000000 COST CODE: A40002004738
Standard Number: 130038774200005

430110 1300387742 247500.00

LLA :

ED 1741319 X7HX 252 00039 0 050120 2D 000000 COST CODE: A50002004738
Standard Number: 130038774200006

430111 1300387742 939522.00

LLA :

EE 1741319 X7KP 252 00039 0 050120 2D 000000 COST CODE: A60002004738
Standard Number: 130038774200007

430112 1300387742 406000.00

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 43 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

LLA :
EF 1741319 X7KP 252 00039 0 050120 2D 000000 COST CODE: A70002004738
Standard Number: 130038774200008

430113 1300387742 545000.00
LLA :
EG 1741810 M2NS 252 00039 0 050120 2D 000000 COST CODE: A80002004738
Standard Number: 130038774200009

630104 1300387742 10000.00
LLA :
EA 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A20002004738
Standard Number: 130038774200003

630105 1300387742 25000.00
LLA :
EE 1741319 X7KP 252 00039 0 050120 2D 000000 COST CODE: A60002004738
Standard Number: 130038774200007

630106 1300387742 15000.00
LLA :
EG 1741810 M2NS 252 00039 0 050120 2D 000000 COST CODE: A80002004738
Standard Number: 130038774200009

MOD 32 Funding 2827228.00
Cumulative Funding 17720040.74

MOD 33

430114 1300382482 47000.00
LLA :
EH 97X4930 NH2A 251 77777 0 050120 2F 000000 COST CODE: A00001955525
Standard Number: 130038248200001

430115 1300382482 1600.00
LLA :
EH 97X4930 NH2A 251 77777 0 050120 2F 000000 COST CODE: A00001955525
Standard Number: 130038248200002

430116 1300388724 517000.00
LLA :
EJ 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A00002013569
Standard Number: 130038872400001

630107 1300388724 8920.00
LLA :
EJ 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A00002013569
Standard Number: 130038872400001

MOD 33 Funding 574520.00
Cumulative Funding 18294560.74

MOD 34

430117 1300392547 404839.54
LLA :
EK 1731810 M25F 252 00039 0 050120 2D 000000 COSTCODE A00002042439
Standard Number: 130039254700001

630108 1300392547 15000.00
LLA :
EK 1731810 M25F 252 00039 0 050120 2D 000000 COSTCODE A00002042439
Standard Number: 130039254700001

MOD 34 Funding 419839.54
Cumulative Funding 18714400.28

MOD 35

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	44 of 88	

430118 1300390521 147000.00
 LLA :
 EL 1741506 45CX 251 00019 0 050120 2D 000000 COST CODE: A00002026950
 Standard Number: 130039052100001

630109 1300390521 5000.00
 LLA :
 EL 1741506 45CX 251 00019 0 050120 2D 000000 COST CODE: A00002026950
 Standard Number: 130039052100002

MOD 35 Funding 152000.00
 Cumulative Funding 18866400.28

MOD 36

430110 1300387742 (158625.00)
 LLA :
 ED 1741319 X7HX 252 00039 0 050120 2D 000000 COST CODE: A50002004738
 Standard Number: 130038774200006

430115 1300382482 (1600.00)
 LLA :
 EH 97X4930 NH2A 251 77777 0 050120 2F 000000 COST CODE: A00001955525
 Standard Number: 130038248200002

430119 1300395676 400000.00
 LLA :
 EM 1741319 X7HX 255 00039 0 050120 2D 000000 COST CODE: A00002064640
 Standard Number: 130039567600001

430120 1300395676 76250.00
 LLA :
 EN 1741319 X544 255 00039 0 050120 2D 000000 COST CODE: A10002064640
 Standard Number: 130039567600002

630110 1300382482 1600.00
 LLA :
 EH 97X4930 NH2A 251 77777 0 050120 2F 000000 COST CODE: A00001955525
 Standard Number: 130038248200002

630111 1300395676 10000.00
 LLA :
 EP 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A20002064640
 Standard Number: 130039567600003

MOD 36 Funding 327625.00
 Cumulative Funding 19194025.28

MOD 37

420129 1300365517 (119345.00)
 LLA :
 DN 1731810 M25F 252 00039 0 050120 2D 000000 COST CODE: A00001822776

430121 1300411418 25000.00
 LLA :
 EQ 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A00002188648
 Standard Number: 130041141800001

430122 1300411418 113168.00
 LLA :
 ER 1731810 52NR 252 00039 0 050120 2D 000000 COST CODE: F60002188648
 Standard Number: 130041141800002

430123 1300411418 75000.00
 LLA :
 ES 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: F80002188648
 Standard Number: 130041141800003

430124 1300411418 77931.00

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 45 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

LLA :

ET 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: G00002188648
Standard Number: 130041141800004

430125 1300411418 1125473.00

LLA :

EU 1741319 X7KP 255 00039 0 050120 2D 000000 COST CODE: G20002188648
Standard Number: 130041141800005

430126 1300411418 886300.00

LLA :

EV 1741810 M2NS 252 00039 0 050120 2D 000000 COST CODE: G40002188648
Standard Number: 130041141800006

430127 1300411418 24386.00

LLA :

EW 1731319 X7HX 255 00039 0 050120 2D 000000 COST CODE: G60002188648
Standard Number: 130041141800007

430128 1300411418 450000.00

LLA :

EX 1741319 X7HX 255 00039 0 050120 2D 000000 COST CODE: G70002188648
Standard Number: 130041141800008

430129 1300419527 661585.58

LLA :

EY 9740100 4300 P40 30361 0 K LBMA 0 NST 25 75 DNSMR4N12 4 S12137
Standard Number: 130041952700001

630112 1300411418 7197.00

LLA :

ER 1731810 52NR 252 00039 0 050120 2D 000000 COST CODE: F60002188648
Standard Number: 130041141800002

630113 1300411418 25000.00

LLA :

ES 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: F80002188648
Standard Number: 130041141800003

630114 1300411418 25000.00

LLA :

EU 1741319 X7KP 255 00039 0 050120 2D 000000 COST CODE: G20002188648
Standard Number: 130041141800005

630115 1300411418 10000.00

LLA :

EV 1741810 M2NS 252 00039 0 050120 2D 000000 COST CODE: G40002188648
Standard Number: 130041141800006

630116 1300419527 31000.00

LLA :

EY 9740100 4300 P40 30361 0 K LBMA 0 NST 25 75 DNSMR4N12 4 S12137
Standard Number: 130041952700001

MOD 37 Funding 3417695.58

Cumulative Funding 22611720.86

MOD 38

430130 1300425435 49000.00

LLA :

EZ 1741319 X7HX 255 00039 0 050120 2D 000000 COST CODE: A00002294092
Standard Number: 130042543500001

430131 1300425435 24500.00

LLA :

FA 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A10002294092
Standard Number: 130042543500002

430132 1300425435 8905.00

LLA :

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 46 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

FB 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A20002294092
Standard Number: 130042543500003

430133 1300425435 47569.00

LLA :

FC 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A30002294092
Standard Number: 130042543500004

430134 1300425435 70500.00

LLA :

FD 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A40002294092
Standard Number: 130042543500005

430135 1300425435 119345.00

LLA :

FE 1731810 M25F 252 00039 0 050120 2D 000000 COST CODE: A50002294092
Standard Number: 130042543500006

630117 1300425435 2000.00

LLA :

EZ 1741319 X7HX 255 00039 0 050120 2D 000000 COST CODE: A00002294092
Standard Number: 130042543500001

630118 1300425435 12000.00

LLA :

FA 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A10002294092
Standard Number: 130042543500002

630119 1300425435 8000.00

LLA :

FC 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A30002294092
Standard Number: 130042543500004

630120 1300425435 12000.00

LLA :

FD 1741804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A40002294092
Standard Number: 130042543500005

MOD 38 Funding 353819.00
Cumulative Funding 22965539.86

MOD 39

430136 130043217000001 1245370.00

LLA :

FF 97X4930 NH3S 252 77777 0 050120 2F 000000 A00002339251
Standard Number: 1300432170

430137 130043170500001 290000.00

LLA :

FG 1741319 X7HX 255 00039 0 050120 2D 000000 A00002334231
Standard Number: 130043170500001

430138 130043170500003 168051.00

LLA :

FH 1741804 5C6C 252 00039 0 050120 2D 000000 A20002334231
Standard Number: 130043170500003

430139 130043170500004 176000.00

LLA :

FJ 1741804 5B2B 252 00039 0 050120 2D 000000 A30002334231
Standard Number: 130043170500004

630121 130043217000001 81354.00

LLA :

FF 97X4930 NH3S 252 77777 0 050120 2F 000000 A00002339251
Standard Number: 130043217000001

630122 130043170500003 9199.00

LLA :

FH 1741804 5C6C 252 00039 0 050120 2D 000000 A20002334231

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 47 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Standard Number: 1300431705

630123 130043170500004 4200.00
 LLA :
 FJ 1741804 5B2B 252 00039 0 050120 2D 000000 A30002334231
 Standard Number: 1300431705

MOD 39 Funding 1974174.00
 Cumulative Funding 24939713.86

MOD 40

420101 1300313845 (1649.99)
 LLA :
 CK 1731804 5C1C 252 00039 0 050120 2D 000000 A00001482445
 CIN 130031384500001

420102 1300313845 (238.64)
 LLA :
 CL 1731804 5C1C 252 00039 0 050120 2D 000000 A10001482445
 CIN 130031384500002

420104 1300313845 (36.38)
 LLA :
 CN 1721319 D5HK 252 00039 0 050120 2D 000000 A30001482445
 CIN 130031384500004

420106 1300317887 (402.47)
 LLA :
 CQ 1731319 X7KP 252 00039 0 050120 2D 000000 A10001508634

420107 1300317887 (1.77)
 LLA :
 CR 1731319 X5HK 252 00039 0 050120 2D 000000 A20001508634

420108 1300317887 (3478.28)
 LLA :
 CS 1731319 X7KP 252 00039 0 050120 2D 000000 A30001508634

420110 1300317887 (408.07)
 LLA :
 CU 1731810 M2NS 252 00039 0 050120 2D 000000 A60001508634

420111 1300317887 (992.21)
 LLA :
 CV 1731804 5C1C 252 00039 0 050120 2D 000000 A70001508634

420112 1300318241-0007 (520.87)
 LLA :
 CW 97 11X8242 2886 000 74862 0 065916 2D PCN044 203780060LHL

420113 1300318241-0007 (3616.76)
 LLA :
 CX 97 11X8242 2812 000 74122 0 065916 2D PNET44 132080060LGR

420114 1300318241-0007 (198.58)
 LLA :
 CY 97 11X8242 2880 000 74802 0 065916 2D PUK044 132180090LTN

420118 (18879.04)
 LLA :
 DB 1731319 X7KP 252 00039 0 050120 2D 000000 A00001691046
 CIN 130034557500001

420119 (256.69)
 LLA :
 DC 1731804 5C1C 252 00039 0 050120 2D 000000 A10001691046
 CIN 130034557500002

420120 (641.24)
 LLA :

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 48 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

DD 1731804 5C1C 252 00039 0 050120 2D 000000 A00001758745
CIN 130035492100001

420121 (50576.12)

LLA :
DE 1731319 X7HX 252 00039 0 050120 2D 000000 A10001758745
CIN 130035492100002

420122 (20933.48)

LLA :
DF 1731319 X7KP 252 00039 0 050120 2D 000000 A20001758745
CIN 130035492100003

420123 (72434.39)

LLA :
DG 1731810 M2NS 252 00039 0 050120 2D 000000 A30001758745
CIN 130035492100004

420130 1300369587 (377.83)

LLA :
DP 97-11X8242 2886 000 74862 0 065916 2D PCN044 COST CODE: 203780060LHL
Standard Number: 130036958700001

420131 1300369587 (454.57)

LLA :
DQ 97-11X8242 2812 000 74122 0 065916 2D PNET44 COST CODE: 132080060LGR
Standard Number: 130036958700002

420132 1300369587 (691.21)

LLA :
DR 97-11X8242 2880 000 74802 0 065916 2D PUK044 COST CODE: 132180090LTN
Standard Number: 130036958700003

430140 130043170500005 195585.00

LLA :
FK 1741804 5U7N 252 00039 0 050120 2D 000000 A40002334231
Standard Number: 1300431705

620101 1300313845 (218.00)

LLA :
CL 1731804 5C1C 252 00039 0 050120 2D 000000 A10001482445
CIN 130031384500002

620102 1300313845 (449.20)

LLA :
CN 1721319 D5HK 252 00039 0 050120 2D 000000 A30001482445
CIN 130031384500004

620103 1300317887 (455.53)

LLA :
CP 1731804 5C1C 252 00039 0 050120 2D 000000 A00001508634

620104 1300317887 (5905.85)

LLA :
CQ 1731319 X7KP 252 00039 0 050120 2D 000000 A10001508634

620105 1300317887 (17515.01)

LLA :
CS 1731319 X7KP 252 00039 0 050120 2D 000000 A30001508634

620106 1300317887 (15040.51)

LLA :
CU 1731810 M2NS 252 00039 0 050120 2D 000000 A60001508634

620107 1300318241-0007 (7940.59)

LLA :
CW 97 11X8242 2886 000 74862 0 065916 2D PCN044 203780060LHL

620109 (9629.85)

LLA :
DF 1731319 X7KP 252 00039 0 050120 2D 000000 A20001758745
CIN 130035492100003

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	49 of 88	

620110 (7840.71)
 LLA :
 DG 1731810 M2NS 252 00039 0 050120 2D 000000 A30001758745
 CIN 130035492100004

MOD 40 Funding -46198.84
 Cumulative Funding 24893515.02

MOD 41

420116 1300342280 (1016.58)
 LLA :
 DA 1731810 M2DA 252 00039 0 050120 2D 000000 COST CODE: A00001666646
 CIN 130034228000001: \$18,119.00
 D-STF-PK NCVI Install Design Plan Ashore for Services Systems Technical Forum (STF)
 contract, PWS Para 5.3.1.6 to develop Installation Design Plan (IDP) documents in
 support of Navy Certificate Validation Infrastructure (NCVI) 2.1 shore
 installations.

420125 1300363489 (7541.72)
 LLA :
 DJ 9713140400 2520 XWS PA68F Y 13A2FY 13 147100 00251HQ00063 270430400040604880C00 044
 411
 Standard Number: 130036348900001

420126 1300363489 (28227.88)
 LLA :
 DK 1731319 X7HX 252 00039 0 050120 2D 000000 COST CODE: A00001812908
 Standard Number: 130036348900002

420127 1300363489 (1343.16)
 LLA :
 DL 1731319 X7JN 252 00039 0 050120 2D 000000 COST CODE: A10001812908
 Standard Number: 130036348900003

420128 1300363489 (6395.03)
 LLA :
 DM 1731319 X544 252 00039 0 050120 2D 000000 COST CODE: A20001812908
 Standard Number: 130036348900004

430137 130043170500001 (195000.00)
 LLA :
 FG 1741319 X7HX 255 00039 0 050120 2D 000000 A00002334231
 Standard Number: 130043170500001

620112 1300370247 (4644.14)
 LLA :
 DT 1731810 M25F 252 00039 0 050120 2D 000000 COST CODE: A00001849955
 Standard Number: 130037024700001

630124 130043170500008 4000.00
 LLA :
 FG 1741319 X7HX 255 00039 0 050120 2D 000000 A00002334231
 Standard Number: 1300431705-0002

MOD 41 Funding -240168.51
 Cumulative Funding 24653346.51

MOD 42

430141 130045260900001 90000.00
 LLA :
 FL 1731810 M2NR 252 00039 0 050120 2D 000000 A00002486711
 Standard Number: 1300452609

MOD 42 Funding 90000.00
 Cumulative Funding 24743346.51

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 50 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

MOD 43

420129 1300365517 (132752.89)
 LLA :
 DN 1731810 M25F 252 00039 0 050120 2D 000000 COST CODE: A00001822776

MOD 43 Funding -132752.89
 Cumulative Funding 24610593.62

MOD 44

430142 130046172900001 132752.89
 LLA :
 FM 1731810 M25F 252 00039 0 050120 2D 000000 A00002587570
 Standard Number: 1300461729

MOD 44 Funding 132752.89
 Cumulative Funding 24743346.51

MOD 45

740101 130046128000001 39000.00
 LLA :
 FN 1751319 X7HX 252 00039 0 050120 2D 000000 A00002583828
 Standard Number: 1300461280

740102 130046128000002 249375.00
 LLA :
 FP 1751319 X7KP 252 00039 0 050120 2D 000000 A10002583828
 Standard Number: 1300461280

740103 130046128000003 25000.00
 LLA :
 FQ 1751804 5C1C 252 00039 0 050120 2D 000000 A20002583828
 Standard Number: 1300461280

740104 130046128000004 54063.00
 LLA :
 FR 1751319 X544 252 00039 0 050120 2D 000000 A30002583828
 Standard Number: 1300461280

740105 130046128000005 50000.00
 LLA :
 FS 1751804 5C1C 252 00039 0 050120 2D 000000 A40002583828
 Standard Number: 1300461280

740106 130046128000006 27000.00
 LLA :
 FT 1751804 5C1C 252 00039 0 050120 2D 000000 A50002583828
 Standard Number: 1300461280

740107 130046128000007 572000.00
 LLA :
 FU 1751810 M2NS 252 00039 0 050120 2D 000000 A60002583828
 Standard Number: 1300461280

740108 130046128000008 75000.00
 LLA :
 FV 1751319 X7HX 252 00039 0 050120 2D 000000 A70002583828
 Standard Number: 1300461280

740109 130046128000009 414000.00
 LLA :
 FW 1751319 X7JN 252 00039 0 050120 2D 000000 A80002583828
 Standard Number: 1300461280

740110 130046176700001 107000.00
 LLA :
 FX 1751804 5C1C 252 00039 0 050120 2D 000000 A00002588390
 Standard Number: 1300461767

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 51 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

740111 130046176700002 100000.00
LLA :
FY 1731810 52NR 252 00039 0 050120 2D 000000 A10002588390
Standard Number: 1300461767

740112 130046167300001 113500.00
LLA :
GA 1741319 X7HX 252 00039 0 050120 2D 000000 A00002586523
Standard Number: 1300461673

740113 130046167300003 200000.00
LLA :
GD 1741319 X7HX 252 00039 0 050120 2D 000000 A20002586523
Standard Number: 1300461673

740114 130046222900001 274775.07
LLA :
GB 9740400 4300 P40 30361 0 K LBMS 0 NST 25 75 DNSMR4N12 3 S12137 N/A
Standard Number: 1300462229

740115 130046167400001 1179905.70
LLA :
GC 97X4930 NH3S 252 77777 0 050120 2F 000000 A00002586527
Standard Number: 1300461674

940101 130046167300001 4000.00
LLA :
GA 1741319 X7HX 252 00039 0 050120 2D 000000 A00002586523
Standard Number: 1300461673

940102 130046222900001 30059.12
LLA :
GB 9740400 4300 P40 30361 0 K LBMS 0 NST 25 75 DNSMR4N12 3 S12137 N/A
Standard Number: 1300462229

940103 130046167400001 60803.35
LLA :
GC 97X4930 NH3S 252 77777 0 050120 2F 000000 A00002586527
Standard Number: 1300461674

MOD 45 Funding 3575481.24
Cumulative Funding 28318827.75

MOD 46

740116 130046167200001 171000.00
LLA :
GW 97-11X8242 2886 000 74862 0 065916 2D PCN044 415380020LHL
Standard Number: 1300480839

740117 130046167200002 171000.00
LLA :
GX 97-11X8242 2812 000 74122 0 065916 2D PNET44 311680150LGR
Standard Number: 1300480839

740118 130046167200003 171000.00
LLA :
GY 97-11X8242 2880 000 74802 0 065916 2D PUK844 326980160LTN
Standard Number: 1300480839

940104 130046167200001 20000.00
LLA :
GW 97-11X8242 2886 000 74862 0 065916 2D PCN044 415380020LHL
Standard Number: 1300480839

940105 130046167200002 20000.00
LLA :
GX 97-11X8242 2812 000 74122 0 065916 2D PNET44 311680150LGR
Standard Number: 1300480839

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	52 of 88	

940106 130046167200003 20000.00
 LLA :
 GY 97-11X8242 2880 000 74802 0 065916 2D PUK844 326980160LTN
 Standard Number: 1300480839

MOD 46 Funding 573000.00
 Cumulative Funding 28891827.75

MOD 47

740119 130046236300001 105000.00
 LLA :
 GH 1751804 8B5B 252 24VCS 0 050120 2D 000000 A00002594074
 Standard Number: 1300462363

MOD 47 Funding 105000.00
 Cumulative Funding 28996827.75

MOD 48

740120 130046349800010 141000.00
 LLA :
 GJ 1751319 J5XQ 251 00019 0 050120 2D 000000 A00002605069
 Standard Number: 1300463498

MOD 48 Funding 141000.00
 Cumulative Funding 29137827.75

MOD 49

740121 130046349800020 97000.00
 LLA :
 GJ 1751319 J5XQ 251 00019 0 050120 2D 000000 A00002605069
 Standard Number: 1300463498

MOD 49 Funding 97000.00
 Cumulative Funding 29234827.75

MOD 50

740122 130046588300001 147000.00
 LLA :
 GN 1751506 45CX 251 00019 0 050120 2D 000000 A00002624825
 Standard Number: 1300465883

740123 130047558200001 59000.00
 LLA :
 GP 97-11X8242 2886 000 74862 0 065916 2D PCN044 415380060LHL
 Standard Number: 13004755822

740124 130047558200002 59000.00
 LLA :
 GQ 97-11X8242 2812 000 74122 0 065916 2D PNET44 417480040LGR
 Standard Number: 1300475582

740125 130047558200003 59000.00
 LLA :
 GR 97-11X8242 2880 000 74802 0 065916 2D PUK844 427380030LTN
 Standard Number: 1300475582

740126 130047741700001 95000.00
 LLA :
 GS 1751804 5C1C 252 00039 0 050120 2D 000000 A00002721059
 Standard Number: 1300477417

740127 130047741700002 48000.00
 LLA :
 GT 1751804 5C1C 252 00039 0 050120 2D 000000 A10002721059

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 53 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Standard Number: 1300477417

740128 130047741700003 285000.00
 LLA :
 GU 1751319 X7HX 252 00039 0 050120 2D 000000 A20002721059
 Standard Number: 1300477417

740129 130047878900001 336000.00
 LLA :
 GV 1751804 5C1C 252 00039 0 050120 2D 000000 A00002730713
 Standard Number: 1300478789

940107 130046588300002 5000.00
 LLA :
 GN 1751506 45CX 251 00019 0 050120 2D 000000 A00002624825
 Standard Number: 1300465883

940108 130047558200001 5000.00
 LLA :
 GP 97-11X8242 2886 000 74862 0 065916 2D PCN044 415380060LHL
 Standard Number: 1300475582

940109 130047558200002 5000.00
 LLA :
 GQ 97-11X8242 2812 000 74122 0 065916 2D PNET44 417480040LGR
 Standard Number: 1300475582

940110 130047558200003 5000.00
 LLA :
 GR 97-11X8242 2880 000 74802 0 065916 2D PUK844 427380030LTN
 Standard Number: 1300475582

940111 130047741700001 5000.00
 LLA :
 GS 1751804 5C1C 252 00039 0 050120 2D 000000 A00002721059
 Standard Number: 130047741700001

940112 130047741700002 8000.00
 LLA :
 GT 1751804 5C1C 252 00039 0 050120 2D 000000 A10002721059
 Standard Number: 1300477417

940113 130047741700003 20000.00
 LLA :
 GU 1751319 X7HX 252 00039 0 050120 2D 000000 A20002721059
 Standard Number: 1300477417

940114 130047878900001 5000.00
 LLA :
 GV 1751804 5C1C 252 00039 0 050120 2D 000000 A00002730713
 Standard Number: 1300478789

MOD 50 Funding 1146000.00
 Cumulative Funding 30380827.75

MOD 51

740130 130048020700001 154860.00
 LLA :
 GZ 9750400 4300 P50 30361 0 K LBMA 0 IE 255 1 DIEMR5N017 S12137 N/A
 Standard Number: 1300480207

MOD 51 Funding 154860.00
 Cumulative Funding 30535687.75

MOD 52

400101 1300222115 (199.84)
 LLA :
 AA 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A00000849691

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	54 of 88	

NESP

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400102 1300222115 (786.66)

LLA :

AB 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A10000849691

SHF

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400103 1300222115 (543.24)

LLA :

AC 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A20000849691

NMT

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400104 1300222115 (20.31)

LLA :

AD 1711804 5T6M 252 00039 0 050120 2D 000000 COST CODE: A30000849691

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400105 1300222115 (983.78)

LLA :

AE 1711804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A40000849691

NESP Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400109 1300222115 (72.17)

LLA :

AH 1711804 5U7N 252 00039 0 050120 2D 000000 COST CODE: A70000849691

PRP Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

400110 1300222115 (66.00)

LLA :

AJ 1711804 5U7N 252 00039 0 050120 2D 000000 COST CODE: A80000849691

BFTN Front Office

Funding is provided for a severable service contract that crosses fiscal years in compliance with 10.U.S.C.2410(a).

410101 (46.98)

LLA :

AM 1721319 X7KP 252 00039 0 050120 2D 000000 A00000930364

CIN 130023370700001

410103 (105.67)

LLA :

AP 1721319 X544 252 00039 0 050120 2D 000000 A20000930364

CIN 130023370700003

410105 (24.00)

LLA :

AR 1721804 5C1C 252 00039 0 050120 2D 000000 A40000930364

CIN 130023370700005

410106 (430.00)

LLA :

AS 1721804 5U7N 252 00039 0 050120 2D 000000 A50000930364

CIN 130023370700006

410108 (589.20)

LLA :

AU 1721810 M2NS 252 00039 0 050120 2D 000000 A70000930364

CIN 130023370700008

410110 (28.64)

LLA :

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	55 of 88	

AW 1721319 X7KP 252 00039 0 050120 2D 000000 A00000954089
130023718200002

410111 (146.39)

LLA :
AX 1721319 X7KP 252 00039 0 050120 2D 000000 A10000954089
130023718200003

410112 (442.62)

LLA :
AY 1721319 X544 252 00039 0 050120 2D 000000 A20000954089
130023718200004

410113 (30.01)

LLA :
AZ 1721319 X544 252 00039 0 050120 2D 000000 A30000954089
130023718200005

410114 (864.90)

LLA :
BA 1721804 5C1C 252 00039 0 050120 2D 000000 A40000954089
130023718200006

410115 (51.82)

LLA :
BB 1721804 5C1C 252 00039 0 050120 2D 000000 A50000954089
130023718200007

410118 (1488.85)

LLA :
BE 1721804 5U7N 252 00039 0 050120 2D 000000 A10001025375
130024538700002

410120 (112.65)

LLA :
BG 1721804 5C1C 252 00039 0 050120 2D 000000 A30001025375
130024538700004

410122 (418.55)

LLA :
BJ 1721810 M2NR 252 00039 0 050120 2D 000000 A50001025375
130024538700006

410124 (485.38)

LLA :
BL 1711810 M2NR 252 00039 0 050120 2D 000000 A70001025375
130024538700008

410135 (1178.43)

LLA :
BW 1711319 X7HX 252 00039 0 050120 2D 000000 A10001176090
CIN 130026723000003

410136 (825.02)

LLA :
BX 1721810 M2NR 252 00039 0 050120 2D 000000 A20001176090
CIN 130026723000004

410137 (111.51)

LLA :
BY 1721804 5C1C 252 00039 0 050120 2D 000000 A30001176090
CIN 130026723000005

410139 (150.40)

LLA :
CA 1721804 5C1C 252 00039 0 050120 2D 000000 A50001176090
CIN 130026723000007

410141 1300287491 (275.19)

LLA :
CD 1721804 5C1C 252 00039 0 050120 2D 000000 COST CODE: A10001302828
CLIN 130028749100002

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	56 of 88	

410142 1300287491 (514.42)
 LLA :
 CE 1721804 5C1C 252 00039 0 050120 2D 000000 A20001302828 COST CODE: A20001302828
 CLIN 130028749100003

410143 1300287491 (547.20)
 LLA :
 CF 1721804 5C1C 252 00039 0 050120 2D 000000 A30001302828 COST CODE: A30001302828
 CLIN 130028749100004

410146 1300295414 (815.93)
 LLA :
 CH 1721804 5C1C 252 00039 0 050120 2D 000000 A00001337804 COST CODE: A00001337804
 CIN 130029541400001

420123 (18774.26)
 LLA :
 DG 1731810 M2NS 252 00039 0 050120 2D 000000 A30001758745
 CIN 130035492100004

420127 1300363489 (5526.08)
 LLA :
 DL 1731319 X7JN 252 00039 0 050120 2D 000000 COST CODE: A10001812908
 Standard Number: 130036348900003

420128 1300363489 (6466.87)
 LLA :
 DM 1731319 X544 252 00039 0 050120 2D 000000 COST CODE: A20001812908
 Standard Number: 130036348900004

420133 1300369671 (6280.87)
 LLA :
 DS 1731319 X7HX 252 00039 0 050120 2D 000000 COST CODE: A00001845458
 Standard Number: 130036967100001

600101 1300222115 (481.99)
 LLA :
 AJ 1711804 5U7N 252 00039 0 050120 2D 000000 COST CODE: A80000849691
 BFTN - Front Office

610103 (47.00)
 LLA :
 AR 1721804 5C1C 252 00039 0 050120 2D 000000 A40000930364
 CIN 130023370700005

610106 (270.39)
 LLA :
 AU 1721810 M2NS 252 00039 0 050120 2D 000000 A70000930364
 CIN 130023370700008

610108 (147.78)
 LLA :
 AX 1721319 X7KP 252 00039 0 050120 2D 000000 A10000954089
 130023718200003

610110 (92.30)
 LLA :
 BD 1721804 5T6M 252 00039 0 050120 2D 000000 A00001025375
 130024538700001

610116 1300287491 (73.89)
 LLA :
 CC 1721319 X544 252 00039 0 050120 2D 000000 A00001302828 COST CODE: A00001302828
 CLIN 130028749100001

620104 1300317887 (58.27)
 LLA :
 CQ 1731319 X7KP 252 00039 0 050120 2D 000000 A10001508634

620109 (195.49)
 LLA :

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 57 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

DF 1731319 X7KP 252 00039 0 050120 2D 000000 A20001758745
CIN 130035492100003

740131 130048390500001 75000.00

LLA :
FW 1751319 X7JN 252 00039 0 050120 2D 000000 A00002769299
Standard Number: 1300483905

740132 130047879000001 570625.00

LLA :
HA 1751319 X7KP 252 00039 0 050120 2D 000000 A00002730718
Standard Number: 1300478790

740133 130047879000002 83800.00

LLA :
HB 1751804 5C1C 252 00039 0 050120 2D 000000 D00002730718
Standard Number: 1300478790

740134 130047879000003 117000.00

LLA :
HC 1751319 X7HX 252 00039 0 050120 2D 000000 A20002730718
Standard Number: 1300478790

740135 130047879000004 1065000.00

LLA :
HD 1751319 X7HX 252 00039 0 050120 2D 000000 A30002730718
Standard Number: 1300478790

740136 130047879000005 126187.00

LLA :
HE 1751319 X544 252 00039 0 050120 2D 000000 C70002730718
Standard Number: 1300478790

740137 130047879000006 25000.00

LLA :
HF 1751804 5C1C 252 00039 0 050120 2D 000000 D10002730718
Standard Number: 1300478790

740138 130047879000007 25000.00

LLA :
HG 1751804 5C1C 252 00039 0 050120 2D 000000 D20002730718
Standard Number: 1300478790

740139 130047879000008 31000.00

LLA :
HH 1751810 M2NR 252 00039 0 050120 2D 000000 D30002730718
Standard Number: 1300478790

740140 130047879000009 889862.47

LLA :
HJ 1751810 M2NS 252 00039 0 050120 2D 000000 C90002730718
Standard Number: 1300478790

940115 130047879000005 36000.00

LLA :
HE 1751319 X544 252 00039 0 050120 2D 000000 C70002730718
Standard Number: 1300478790

940116 130047879000008 19000.00

LLA :
HH 1751810 M2NR 252 00039 0 050120 2D 000000 D30002730718
Standard Number: 1300478790

940117 130047879000009 110137.53

LLA :
HJ 1751810 M2NS 252 00039 0 050120 2D 000000 C90002730718
Standard Number: 1300478790

MOD 52 Funding 3122841.05
Cumulative Funding 33658528.80

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	58 of 88	

MOD 53

740141 130049717400001 1395000.00

LLA :
 HK 1751810 M2NS 252 00039 0 050120 2D 000000 A00002864643
 Standard Number: 1300497174

740142 130049741700001 169837.00

LLA :
 HL 9750400 4300 P50 30361 0 K LBMA 0 ID 255 1 DIDMR5N010 S12137 N/A
 Standard Number: 1300497417

740143 130049741900001 120000.00

LLA :
 HM 1751804 5C1C 252 00039 0 050120 2D 000000 A00002866505
 Standard Number: 1300497419

MOD 53 Funding 1684837.00
 Cumulative Funding 35343365.80

MOD 54

430136 130043217000001 (57452.21)

LLA :
 FF 97X4930 NH3S 252 77777 0 050120 2F 000000 A00002339251
 Standard Number: 1300432170

630121 130043217000001 (11354.00)

LLA :
 FF 97X4930 NH3S 252 77777 0 050120 2F 000000 A00002339251
 Standard Number: 130043217000001

MOD 54 Funding -68806.21
 Cumulative Funding 35274559.59

MOD 55

740132 130047879000001 (92000.00)

LLA :
 HA 1751319 X7KP 252 00039 0 050120 2D 000000 A00002730718
 Standard Number: 1300478790

740144 130050880900001 97000.00

LLA :
 HN 1751804 5C1C 252 00039 0 050120 2D 000000 A00002944012
 Standard Number: 1300508809

740145 130050880900002 58000.00

LLA :
 HP 1751804 5C1C 252 00039 0 050120 2D 000000 A10002944012
 Standard Number: 1300508809

740146 130050880900003 100000.00

LLA :
 HQ 1751319 X544 252 00039 0 050120 2D 000000 A20002944012
 Standard Number: 1300508809

940118 130050880900001 28000.00

LLA :
 HN 1751804 5C1C 252 00039 0 050120 2D 000000 A00002944012
 Standard Number: 1300508809

MOD 55 Funding 191000.00
 Cumulative Funding 35465559.59

MOD 56

740147 130052337200001 117000.00

LLA :

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	59 of 88	

HR 1751804 5C1C 252 00039 0 050120 2D 000000 A00003038795
Standard Number: 1300523372

740148 130052337200003 109750.00

LLA :
HS 1751319 X544 252 00039 0 050120 2D 000000 A20003038795
Standard Number: 1300523372

740149 130052337200004 54000.00

LLA :
HT 1751319 X7HX 252 00039 0 050120 2D 000000 A30003038795
Standard Number: 1300523372

740150 130052337200005 27200.00

LLA :
HU 1751804 5C1C 252 00039 0 050120 2D 000000 A40003038795
Standard Number: 1300523372

740151 130052337200006 76638.00

LLA :
HV 1751319 X7KP 252 00039 0 050120 2D 000000 A50003038795
Standard Number: 1300523372

940119 130052337200006 52000.00

LLA :
HV 1751319 X7KP 252 00039 0 050120 2D 000000 A50003038795
Standard Number: 1300523372

MOD 56 Funding 436588.00
Cumulative Funding 35902147.59

MOD 57

940120 130053210300001 6500.00

LLA :
HW 1741810 52NR 257 00039 0 050120 2D 000000 A00003122140
Standard Number: 1300532103

MOD 57 Funding 6500.00
Cumulative Funding 35908647.59

MOD 58

750101 130053305600001 560000.00

LLA :
HX 1761319 X7KP 251 00039 0 050120 2D 000000 A00003132612
Standard Number: 1300533056

750102 130053305600002 81250.00

LLA :
HY 1761804 5C1C 251 00039 0 050120 2D 000000 A10003132612
Standard Number: 1300533056

750103 130053305600003 100000.00

LLA :
HZ 1761319 X7HX 251 00039 0 050120 2D 000000 A20003132612
Standard Number: 1300533056

750104 130053305600004 190000.00

LLA :
JA 1761319 X7HX 251 00039 0 050120 2D 000000 A30003132612
Standard Number: 1300533056

750105 130053305600005 150000.00

LLA :
JB 1761319 X7JN 251 00039 0 050120 2D 000000 A40003132612
Standard Number: 1300533056

750106 130053305600006 177000.00

LLA :

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 60 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

JC 1761319 X544 251 00039 0 050120 2D 000000 A50003132612
Standard Number: 1300533056

750107 130053305600007 392000.00
LLA :

JD 1761810 M21R 251 00039 0 050120 2D 000000 A60003132612
Standard Number: 1300533056

750108 130053305600008 46000.00
LLA :

JE 1761804 5C1C 251 00039 0 050120 2D 000000 A70003132612
Standard Number: 1300533056

750109 130053305600009 44000.00
LLA :

JF 1761804 5C1C 251 00039 0 050120 2D 000000 A80003132612
Standard Number: 1300533056

750110 130053305600010 51000.00
LLA :

JG 1761319 X544 251 00039 0 050120 2D 000000 A90003132612
Standard Number: 1300533056

750111 130053305900001 125000.00
LLA :

JH 97-11X8242 2886 000 74862 0 065916 2D PCN044 525480050LHL
Standard Number: 1300533059

750112 130053305900002 125000.00
LLA :

JJ 97-11X8242 2812 000 74122 0 065916 2D PNET44 525482010LGR
Standard Number: 1300533059

750113 130053305900003 125000.00
LLA :

JK 97-11X8242 2880 000 74802 0 065916 2D PUK844 521380070LTN
Standard Number: 1300533059

950101 130053305600001 20000.00
LLA :

HX 1761319 X7KP 251 00039 0 050120 2D 000000 A00003132612
Standard Number: 1300533056

950102 130053305600002 5000.00
LLA :

HY 1761804 5C1C 251 00039 0 050120 2D 000000 A10003132612
Standard Number: 1300533056

950103 130053305600004 10000.00
LLA :

JA 1761319 X7HX 251 00039 0 050120 2D 000000 A30003132612
Standard Number: 1300533056

950104 130053305600007 8000.00
LLA :

JD 1761810 M21R 251 00039 0 050120 2D 000000 A60003132612
Standard Number: 1300533056

950105 130053305600009 2000.00
LLA :

JF 1761804 5C1C 251 00039 0 050120 2D 000000 A80003132612
Standard Number: 1300533056

950106 130053305600010 3000.00
LLA :

JG 1761319 X544 251 00039 0 050120 2D 000000 A90003132612
Standard Number: 1300533056

950107 130053305900001 25000.00
LLA :

JH 97-11X8242 2886 000 74862 0 065916 2D PCN044 525480050LHL
Standard Number: 1300533059

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	61 of 88	

950108 130053305900002 25000.00
 LLA :
 JJ 97-11X8242 2812 000 74122 0 065916 2D PNET44 525482010LGR
 Standard Number: 1300533059

950109 130053305900003 25000.00
 LLA :
 JK 97-11X8242 2880 000 74802 0 065916 2D PUK844 521380070LTN
 Standard Number: 1300533059

MOD 58 Funding 2289250.00
 Cumulative Funding 38197897.59

MOD 59

750114 130053270700001 139500.00
 LLA :
 JL 1741810 52NR 257 00039 0 050120 2D 000000 A00003128614
 Standard Number: 1300532707

750115 130053989600001 165000.00
 LLA :
 JM 1761319 J5XQ 251 00019 0 050120 2D 000000 A00003194533
 Standard Number: 130053989600001

750116 130053891300001 147000.00
 LLA :
 JN 1761506 45CX 251 00019 0 050120 2D 000000 A00003186654
 Standard Number: 1300538913

950110 130053270700001 25000.00
 LLA :
 JL 1741810 52NR 257 00039 0 050120 2D 000000 A00003128614
 Standard Number: 1300532707

950111 130053891300002 5000.00
 LLA :
 JN 1761506 45CX 251 00019 0 050120 2D 000000 A00003186654
 Standard Number: 1300538913

MOD 59 Funding 481500.00
 Cumulative Funding 38679397.59

MOD 60

410104 (27.33)
 LLA :
 AQ 1721804 5C1C 252 00039 0 050120 2D 000000 A30000930364
 CIN 130023370700004

410107 (5259.20)
 LLA :
 AT 1721810 M2NS 252 00039 0 050120 2D 000000 A60000930364
 CIN 130023370700007

410110 (86.23)
 LLA :
 AW 1721319 X7KP 252 00039 0 050120 2D 000000 A00000954089
 130023718200002

410118 (7239.55)
 LLA :
 BE 1721804 5U7N 252 00039 0 050120 2D 000000 A10001025375
 130024538700002

410119 (3324.52)
 LLA :
 BF 1721804 5C1C 252 00039 0 050120 2D 000000 A20001025375
 130024538700003

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	62 of 88	

410121 (215.00)
 LLA :
 BH 1721810 M2NS 252 00039 0 050120 2D 000000 A40001025375
 130024538700005

410123 (3848.42)
 LLA :
 BK 1721319 X7KP 252 00039 0 050120 2D 000000 A60001025375
 130024538700007

410128 1300249694 (122.19)
 LLA :
 BQ 1721804 5B2B 252 00039 0 050120 2D 000000 COST CODE: A00001056766

410130 1300222115-0004 (4582.00)
 LLA :
 AL 1711810 M2NS 252 00039 0 050120 2D 000000 COST CODE: B0000849691
 CIN 130022211500014

410140 (736.27)
 LLA :
 CB 1721319 X544 252 00039 0 050120 2D 000000 A60001176090
 CIN 130026723000008

420101 1300313845 (122.77)
 LLA :
 CK 1731804 5C1C 252 00039 0 050120 2D 000000 A00001482445
 CIN 130031384500001

420106 1300317887 (0.02)
 LLA :
 CQ 1731319 X7KP 252 00039 0 050120 2D 000000 A10001508634

420108 1300317887 (15853.29)
 LLA :
 CS 1731319 X7KP 252 00039 0 050120 2D 000000 A30001508634

420109 1300317887 (974.57)
 LLA :
 CT 1731319 X544 252 00039 0 050120 2D 000000 A40001508634

420118 (3224.12)
 LLA :
 DB 1731319 X7KP 252 00039 0 050120 2D 000000 A00001691046
 CIN 130034557500001

420119 (1748.78)
 LLA :
 DC 1731804 5C1C 252 00039 0 050120 2D 000000 A10001691046
 CIN 130034557500002

420122 (152.83)
 LLA :
 DF 1731319 X7KP 252 00039 0 050120 2D 000000 A20001758745
 CIN 130035492100003

420123 (0.01)
 LLA :
 DG 1731810 M2NS 252 00039 0 050120 2D 000000 A30001758745
 CIN 130035492100004

420126 1300363489 (1352.44)
 LLA :
 DK 1731319 X7HX 252 00039 0 050120 2D 000000 COST CODE: A00001812908
 Standard Number: 130036348900002

420127 1300363489 (2706.21)
 LLA :
 DL 1731319 X7JN 252 00039 0 050120 2D 000000 COST CODE: A10001812908
 Standard Number: 130036348900003

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	63 of 88	

420128 1300363489 (4860.42)
LLA :
DM 1731319 X544 252 00039 0 050120 2D 000000 COST CODE: A20001812908
Standard Number: 130036348900004

420129 1300365517 (2813.20)
LLA :
DN 1731810 M25F 252 00039 0 050120 2D 000000 COST CODE: A00001822776

420133 1300369671 (2463.30)
LLA :
DS 1731319 X7HX 252 00039 0 050120 2D 000000 COST CODE: A00001845458
Standard Number: 130036967100001

430109 1300387742 (666.21)
LLA :
EC 1741319 X544 252 00039 0 050120 2D 000000 COST CODE: A40002004738
Standard Number: 130038774200005

430110 1300387742 (6132.76)
LLA :
ED 1741319 X7HX 252 00039 0 050120 2D 000000 COST CODE: A50002004738
Standard Number: 130038774200006

430111 1300387742 (35739.89)
LLA :
EE 1741319 X7KP 252 00039 0 050120 2D 000000 COST CODE: A60002004738
Standard Number: 130038774200007

430112 1300387742 (6057.80)
LLA :
EF 1741319 X7KP 252 00039 0 050120 2D 000000 COST CODE: A70002004738
Standard Number: 130038774200008

430113 1300387742 (2947.00)
LLA :
EG 1741810 M2NS 252 00039 0 050120 2D 000000 COST CODE: A80002004738
Standard Number: 130038774200009

430117 1300392547 (8497.29)
LLA :
EK 1731810 M25F 252 00039 0 050120 2D 000000 COSTCODE A00002042439
Standard Number: 130039254700001

430119 1300395676 (9764.83)
LLA :
EM 1741319 X7HX 255 00039 0 050120 2D 000000 COST CODE: A00002064640
Standard Number: 130039567600001

430120 1300395676 (3272.35)
LLA :
EN 1741319 X544 255 00039 0 050120 2D 000000 COST CODE: A10002064640
Standard Number: 130039567600002

430125 1300411418 (166139.86)
LLA :
EU 1741319 X7KP 255 00039 0 050120 2D 000000 COST CODE: G20002188648
Standard Number: 130041141800005

430128 1300411418 (19924.76)
LLA :
EX 1741319 X7HX 255 00039 0 050120 2D 000000 COST CODE: G70002188648
Standard Number: 130041141800008

430130 1300425435 (423.42)
LLA :
EZ 1741319 X7HX 255 00039 0 050120 2D 000000 COST CODE: A00002294092
Standard Number: 130042543500001

430135 1300425435 (125.73)
LLA :
FE 1731810 M25F 252 00039 0 050120 2D 000000 COST CODE: A50002294092

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	64 of 88	

Standard Number: 130042543500006

430137 130043170500001 (50822.25)

LLA :
 FG 1741319 X7HX 252 00039 0 050120 2D 000000 A00002334231
 Standard Number: 130043170500001

430139 130043170500004 (380.07)

LLA :
 FJ 1741804 5B2B 252 00039 0 050120 2D 000000 A30002334231
 Standard Number: 130043170500004

430141 130045260900001 (76991.58)

LLA :
 FL 1731810 M2NR 252 00039 0 050120 2D 000000 A00002486711
 Standard Number: 1300452609

430142 130046172900001 (12502.42)

LLA :
 FM 1731810 M25F 252 00039 0 050120 2D 000000 A00002587570
 Standard Number: 1300461729

610101 (663.57)

LLA :
 AN 1721319 X7KP 252 00039 0 050120 2D 000000 A10000930364
 CIN 130023370700002

610105 (621.18)

LLA :
 AT 1721810 M2NS 252 00039 0 050120 2D 000000 A60000930364
 CIN 130023370700007

610106 (370.00)

LLA :
 AU 1721810 M2NS 252 00039 0 050120 2D 000000 A70000930364
 CIN 130023370700008

610110 (1885.82)

LLA :
 BD 1721804 5T6M 252 00039 0 050120 2D 000000 A00001025375
 130024538700001

610111 (230.31)

LLA :
 BH 1721810 M2NS 252 00039 0 050120 2D 000000 A40001025375
 130024538700005

610112 (856.88)

LLA :
 BK 1721319 X7KP 252 00039 0 050120 2D 000000 A60001025375
 130024538700007

620104 1300317887 (3941.72)

LLA :
 CQ 1731319 X7KP 252 00039 0 050120 2D 000000 A10001508634

620105 1300317887 (1290.63)

LLA :
 CS 1731319 X7KP 252 00039 0 050120 2D 000000 A30001508634

620106 1300317887 (656.86)

LLA :
 CU 1731810 M2NS 252 00039 0 050120 2D 000000 A60001508634

620109 (1804.75)

LLA :
 DF 1731319 X7KP 252 00039 0 050120 2D 000000 A20001758745
 CIN 130035492100003

620110 (99.99)

LLA :
 DG 1731810 M2NS 252 00039 0 050120 2D 000000 A30001758745

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	65 of 88	

CIN 130035492100004

750117 130054564600001 45000.00

LLA :
 JP 1761804 5C1C 251 00039 0 050120 2D 000000 A00003242688
 Standard Number: 1300545646

MOD 60 Funding -429522.60
 Cumulative Funding 38249874.99

MOD 61

740149 130052337200004 (1702.15)

LLA :
 HT 1751319 X7HX 252 00039 0 050120 2D 000000 A30003038795
 Standard Number: 1300523372

750118 130054721000001 140000.00

LLA :
 JQ 1761804 5C1C 251 00039 0 050120 2D 000000 A00003255862
 Standard Number: 1300547210

750119 130054734300001 20000.00

LLA :
 JR 1761804 8B5B 251 24VCS 0 050120 2D 000000 A00003256235
 Standard Number: 1300547343

750120 130055145800001 43200.00

LLA :
 JS 1761319 X7HX 251 00039 0 050120 2D 000000 A00003291134
 Standard Number: 1300551458

750121 130055145800002 159400.00

LLA :
 JT 1761319 X7HX 251 00039 0 050120 2D 000000 A10003291134
 Standard Number: 1300551458

750122 130055145800003 142400.00

LLA :
 JU 1761319 X7JN 251 00039 0 050120 2D 000000 A20003291134
 Standard Number: 1300551458

750123 130055145800004 82400.00

LLA :
 JV 1761319 X544 251 00039 0 050120 2D 000000 A30003291134
 Standard Number: 1300551458

750124 130055189300001 64000.00

LLA :
 JW 1761804 5C1C 251 00039 0 050120 2D 000000 A00003293180
 Standard Number: 1300551893

750125 130055189300002 36000.00

LLA :
 JX 1761804 5C1C 251 00039 0 050120 2D 000000 A10003293180
 Standard Number: 1300551893

750126 130055189300003 162000.00

LLA :
 JY 1761319 X544 251 00039 0 050120 2D 000000 A20003293180
 Standard Number: 1300551893

750127 130055133000001 9550.00

LLA :
 JZ 1761804 5C1C 251 00039 0 050120 2D 000000 A00003288262
 Standard Number: 1300551330

750128 130055133000002 112000.00

LLA :
 KA 1761319 X7KP 251 00039 0 050120 2D 000000 A10003288262
 Standard Number: 1300551330

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	66 of 88	

750129 130055133000003 1366000.00

LLA :
KB 1761810 M2NS 251 00039 0 050120 2D 000000 A20003288262
Standard Number: 1300551330

950112 130054721000001 10000.00

LLA :
JQ 1761804 5C1C 251 00039 0 050120 2D 000000 A00003255862
Standard Number: 1300547210

950113 130055145800001 8000.00

LLA :
JS 1761319 X7HX 251 00039 0 050120 2D 000000 A00003291134
Standard Number: 1300551458

950114 130055145800002 15000.00

LLA :
JT 1761319 X7HX 251 00039 0 050120 2D 000000 A10003291134
Standard Number: 1300551458

950115 130055145800003 10000.00

LLA :
JU 1761319 X7JN 251 00039 0 050120 2D 000000 A20003291134
Standard Number: 1300551458

950116 130055145800004 7000.00

LLA :
JV 1761319 X544 251 00039 0 050120 2D 000000 A30003291134
Standard Number: 1300551458

950117 130055189300001 5000.00

LLA :
JW 1761804 5C1C 251 00039 0 050120 2D 000000 A00003293180
Standard Number: 1300551893

950118 130055189300002 7000.00

LLA :
JX 1761804 5C1C 251 00039 0 050120 2D 000000 A10003293180
Standard Number: 130055189300002

950119 130055133000001 5000.00

LLA :
JZ 1761804 5C1C 251 00039 0 050120 2D 000000 A00003288262
Standard Number: 1300551330

950120 130055133000003 50000.00

LLA :
KB 1761810 M2NS 251 00039 0 050120 2D 000000 A20003288262
Standard Number: 1300551330

MOD 61 Funding 2452247.85
Cumulative Funding 40702122.84

MOD 62

410109 (130.56)

LLA :
AV 5723600 292E TLA 64405 2 3GFP15 59 ZZ6343 2F503000F030 00101360059685818969 F03000
130023718200001

410125 (43.61)

LLA :
BM 9712130400 2520 XWS PA68F Y 12A2FY 12 137100 00251HQ00062 102390400040604880C00 044
411
130024524300001

410126 (473.72)

LLA :
BN 9712130400 2520 XCS PB09F Y 12B2FY 12 137100 00251HQ00062 104560400040603892C00 044
411

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	67 of 88	

130024524300002

410134 (43.61)
 LLA :
 BV 9712130400 2520 XWS PA68F Y 12A2FY 12 137100 00251HQ00062 102390400040604880C00 044
 411
 CIN 130026723000001

430102 1300387746 (359.37)
 LLA :
 DV 97-11X8242 2812 000 74122 0 065916 2D PNET44 COST CODE: 311680080LGR
 Standard Number: 130038774600002

610107 (287.90)
 LLA :
 AV 5723600 292E TLA 64405 2 3GFP15 59 ZZ6343 2F503000F030 00101360059685818969 F03000
 130023718200001

610115 (599.86)
 LLA :
 BV 9712130400 2520 XWS PA68F Y 12A2FY 12 137100 00251HQ00062 102390400040604880C00 044
 411
 CIN 130026723000001

740104 130046128000004 (1398.73)
 LLA :
 FR 1751319 X544 252 00039 0 050120 2D 000000 A30002583828
 Standard Number: 1300461280

740105 130046128000005 (1198.84)
 LLA :
 FS 1751804 5C1C 252 00039 0 050120 2D 000000 A40002583828
 Standard Number: 1300461280

740107 130046128000007 (621.37)
 LLA :
 FU 1751810 M2NS 252 00039 0 050120 2D 000000 A60002583828
 Standard Number: 1300461280

740108 130046128000008 (1048.33)
 LLA :
 FV 1751319 X7HX 252 00039 0 050120 2D 000000 A70002583828
 Standard Number: 1300461280

740110 130046176700001 (513.81)
 LLA :
 FX 1751804 5C1C 252 00039 0 050120 2D 000000 A00002588390
 Standard Number: 1300461767

740112 130046167300001 (10274.19)
 LLA :
 GA 1741319 X7HX 252 00039 0 050120 2D 000000 A00002586523
 Standard Number: 1300461673

740113 130046167300003 (848.33)
 LLA :
 GD 1741319 X7HX 252 00039 0 050120 2D 000000 A20002586523
 Standard Number: 1300461673

740115 130046167400001 (14594.05)
 LLA :
 GC 97X4930 NH3S 252 77777 0 050120 2F 000000 A00002586527
 Standard Number: 1300461674

740116 130048083900001 (22087.31)
 LLA :
 GW 97-11X8242 2886 000 74862 0 065916 2D PCN044 415380020LHL
 Standard Number: 1300480839

740117 130048083900002 (8203.59)
 LLA :
 GX 97-11X8242 2812 000 74122 0 065916 2D PNET44 311680150LGR

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 68 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Standard Number: 1300480839

740118 130048083900003 (482.60)

LLA :

GY 97-11X8242 2880 000 74802 0 065916 2D PUK844 326980160LTN

Standard Number: 1300480839

740122 130046588300001 (957.24)

LLA :

GN 1751506 45CX 251 00019 0 050120 2D 000000 A00002624825

Standard Number: 1300465883

740123 130047558200001 (7228.69)

LLA :

GP 97-11X8242 2886 000 74862 0 065916 2D PCN044 415380060LHL

Standard Number: 13004755822

740124 130047558200002 (746.97)

LLA :

GQ 97-11X8242 2812 000 74122 0 065916 2D PNET44 417480040LGR

Standard Number: 1300475582

740125 130047558200003 (989.08)

LLA :

GR 97-11X8242 2880 000 74802 0 065916 2D PUK844 427380030LTN

Standard Number: 1300475582

740126 130047741700001 (2514.75)

LLA :

GS 1751804 5C1C 252 00039 0 050120 2D 000000 A00002721059

Standard Number: 1300477417

740128 130047741700003 (0.01)

LLA :

GU 1751319 X7HX 252 00039 0 050120 2D 000000 A20002721059

Standard Number: 1300477417

740132 130047879000001 (4525.46)

LLA :

HA 1751319 X7KP 252 00039 0 050120 2D 000000 A00002730718

Standard Number: 1300478790

740133 130047879000002 (3309.14)

LLA :

HB 1751804 5C1C 252 00039 0 050120 2D 000000 D00002730718

Standard Number: 1300478790

740134 130047879000003 (21106.99)

LLA :

HC 1751319 X7HX 252 00039 0 050120 2D 000000 A20002730718

Standard Number: 1300478790

740135 130047879000004 (7641.62)

LLA :

HD 1751319 X7HX 252 00039 0 050120 2D 000000 A30002730718

Standard Number: 1300478790

740136 130047879000005 (3247.45)

LLA :

HE 1751319 X544 252 00039 0 050120 2D 000000 C70002730718

Standard Number: 1300478790

740137 130047879000006 (924.88)

LLA :

HF 1751804 5C1C 252 00039 0 050120 2D 000000 D10002730718

Standard Number: 1300478790

740139 130047879000008 (3693.42)

LLA :

HH 1751810 M2NR 252 00039 0 050120 2D 000000 D30002730718

Standard Number: 1300478790

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	69 of 88	

740141 130049717400001 (19559.91)
LLA :
HK 1751810 M2NS 252 00039 0 050120 2D 000000 A00002864643
Standard Number: 1300497174

740143 130049741900001 (23701.17)
LLA :
HM 1751804 5C1C 252 00039 0 050120 2D 000000 A00002866505
Standard Number: 1300497419

740145 130050880900002 (4359.82)
LLA :
HP 1751804 5C1C 252 00039 0 050120 2D 000000 A10002944012
Standard Number: 1300508809

740146 130050880900003 (2847.53)
LLA :
HQ 1751319 X544 252 00039 0 050120 2D 000000 A20002944012
Standard Number: 1300508809

740150 130052337200005 (1338.55)
LLA :
HU 1751804 5C1C 252 00039 0 050120 2D 000000 A40003038795
Standard Number: 1300523372

740151 130052337200006 (18339.40)
LLA :
HV 1751319 X7KP 252 00039 0 050120 2D 000000 A50003038795
Standard Number: 1300523372

750130 130056270400001 79000.00
LLA :
KC 1761804 5C1C 251 00039 0 050120 2D 000000 A00003372900
Standard Number: 1300562704

750131 130056244900001 74000.00
LLA :
KD 1761804 5C1C 251 00039 0 050120 2D 000000 A00003371337
Standard Number: 1300562449

940103 130046167400001 (2373.65)
LLA :
GC 97X4930 NH3S 252 77777 0 050120 2F 000000 A00002586527
Standard Number: 1300461674

940105 130048083900002 (813.27)
LLA :
GX 97-11X8242 2812 000 74122 0 065916 2D PNET44 311680150LGR
Standard Number: 1300480839

940106 130048083900003 (1658.99)
LLA :
GY 97-11X8242 2880 000 74802 0 065916 2D PUK844 326980160LTN
Standard Number: 1300480839

940107 130046588300002 (2178.24)
LLA :
GN 1751506 45CX 251 00019 0 050120 2D 000000 A00002624825
Standard Number: 1300465883

940108 130047558200001 (4228.56)
LLA :
GP 97-11X8242 2886 000 74862 0 065916 2D PCN044 415380060LHL
Standard Number: 1300475582

940109 130047558200002 (964.15)
LLA :
GQ 97-11X8242 2812 000 74122 0 065916 2D PNET44 417480040LGR
Standard Number: 1300475582

940110 130047558200003 (1658.99)
LLA :

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-05-D-4596	NS01	64	70 of 88	

GR 97-11X8242 2880 000 74802 0 065916 2D PUK844 427380030LTN
Standard Number: 1300475582

940113 130047741700003 (2183.81)
LLA :
GU 1751319 X7HX 252 00039 0 050120 2D 000000 A20002721059
Standard Number: 1300477417

940115 130047879000005 (8155.44)
LLA :
HE 1751319 X544 252 00039 0 050120 2D 000000 C70002730718
Standard Number: 1300478790

940117 130047879000009 (17491.01)
LLA :
HJ 1751810 M2NS 252 00039 0 050120 2D 000000 C90002730718
Standard Number: 1300478790

940118 130050880900001 (2702.46)
LLA :
HN 1751804 5C1C 252 00039 0 050120 2D 000000 A00002944012
Standard Number: 1300508809

940119 130052337200006 (43874.23)
LLA :
HV 1751319 X7KP 252 00039 0 050120 2D 000000 A50003038795
Standard Number: 1300523372

950118 130055189300002 (7000.00)
LLA :
JX 1761804 5C1C 251 00039 0 050120 2D 000000 A10003293180
Standard Number: 130055189300002

MOD 62 Funding -132524.66
Cumulative Funding 40569598.18

MOD 63

750132 130056918200001 5000.00
LLA :
KE 1761804 8B5B 251 24VCS 0 050120 2D 000000 A00003426102
Standard Number: 1300569182

750133 130057670100001 47500.00
LLA :
KF 1761804 5C1C 251 00039 0 050120 2D 000000 A00003480477
Standard Number: 1300576701

750134 130057658900001 12600.00
LLA :
KG 1761804 5C1C 251 00039 0 050120 2D 000000 A00003480206
Standard Number: 1300576589

750135 130057658900002 110700.00
LLA :
KH 1761319 X7HX 251 00039 0 050120 2D 000000 A10003480206
Standard Number: 1300576589

750136 130057658900003 205950.00
LLA :
KJ 1761319 X7KP 251 00039 0 050120 2D 000000 A20003480206
Standard Number: 1300576589

750137 130057658900004 109500.00
LLA :
KJ 1761319 X7KP 251 00039 0 050120 2D 000000 A20003480206
Standard Number: 1300576589

950121 130057658900003 11050.00
LLA :
KJ 1761319 X7KP 251 00039 0 050120 2D 000000 A20003480206

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 71 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Standard Number: 1300576589

MOD 63 Funding 502300.00
Cumulative Funding 41071898.18

MOD 64

750138 130058466400001 31000.00

LLA :

KK 1761804 5C1C 251 00039 0 050120 2D 000000 COST CODE: A00003533986

750139 130058466400002 22230.00

LLA :

KL 1761810 M2NS 251 00039 0 050120 2D 000000 COST CODE: A10003533986

750140 130058466400003 92000.00

LLA :

KM 1761319 X7HX 251 00039 0 050120 2D 000000 COST CODE: A20003533986

750141 130058466400004 51000.00

LLA :

KN 1761319 X544 251 00039 0 050120 2D 000000 COST CODE: A30003533986

750142 130058466500001 35120.00

LLA :

KP 1761804 5C1C 251 00039 0 050120 2D 000000 COST CODE: A00003534243

MOD 64 Funding 231350.00
Cumulative Funding 41303248.18

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 72 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION H SPECIAL CONTRACT REQUIREMENTS

H-1 SEGREGATION OF COSTS (DEC 2003) (5252.232-9206)

(a) The Contractor agrees to segregate costs incurred under this task order at the lowest level of performance, either task or subtask, rather than on a total task order basis, and to submit invoices reflecting costs incurred at that level. Invoices shall contain summaries of work charged during the period covered, as well as overall cumulative summaries by labor category for all work invoiced to date, by line item, task or subtask.

(b) Where multiple lines of accounting are present, the ACRN preceding the accounting citation will be found in attached Financial Accounting Data (FAD) sheet. Payment of Contractor invoices shall be accomplished only by charging the ACRN that corresponds to the work invoiced.

(c) Except when payment requests are submitted electronically as specified in the clause at DFARS 252.232-7003, Electronic Submission of Payment Requests, one copy of each invoice or voucher will be provided, at the time of submission to DCAA, to the Contract Officer Representative.

H-2 DATA RIGHTS

The Data Rights clause in the basic contract is invoked for this task order.

H-3 CONTRACTOR PICTURE BADGE (DEC 1999) (SPAWAR H-323)

(a) A contractor picture badge may be issued to contractor personnel by the SPAWARSSYSCOM Security Office upon receipt of a valid visit request from the Contractor and a picture badge request from the COR. A list of personnel requiring picture badges must be provided to the COR to verify that the contract or delivery/task order authorizes performance at SPAWARSSYSCOM prior to completion of the picture badge request.

(b) An automobile decal will be issued by SPAWARSSYSCOM Security Office upon presentation of a valid contractor picture badge and the completion of the Badge and Decal Record.

(c) The contractor assumes full responsibility for the proper use of the identification badge and automobile decal, and shall be responsible for the return of the badge and/or destruction of the automobile decal upon termination of personnel or expiration or completion of the contract.

(d) At the completion of the contract, the contractor shall forward to SPAWARSSYSCOM Security Office a list of all unreturned badges with a written explanation of any missing badges.

H-4 CONTRACTOR IDENTIFICATION (DEC 1999) (SPAWAR H-355)

(a) Contractor employees must be clearly identifiable while on Government property by wearing appropriate badges.

(b) Contractor employees are required to clearly identify themselves and the company they work for whenever making contact with Government personnel by telephone or other electronic means.

H-5 LIMITED RELEASE OF CONTRACTOR CONFIDENTIAL BUSINESS INFORMATION (CBI) (NOV 2003) (SPAWAR H-359)

(a) Definition.

“Confidential business information,” as used in this clause, is defined as all forms and types of

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 73 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

financial, business, scientific, technical, economic, or engineering information, including patterns, plans, compilations, program devices, formulas, designs, prototypes, methods, techniques, processes, procedures, programs, or codes, whether tangible or intangible, and whether or how stored, compiled, or memorialized physically, electronically, graphically, photographically, or in writing if -- (1) the owner thereof has taken reasonable measures to keep such information secret, and (2) the information derives independent economic value, actual or potential from not being generally known to, and not being readily ascertainable through proper means by, the public. Confidential business information may include technical data as that term is defined in DFARS §§ 252.227-7013(a)(14), 252.227-7015(a)(4), and 252.227-7018(a)(19). It may also include computer software as that term is defined in DFARS §§ 252.227-7014(a)(4) and 252.227-7018(a)(4).

(b) The Space and Naval Warfare Systems Command (SPAWAR) may release to individuals employed by SPAWAR support contractors and their subcontractors confidential business information submitted by the contractor or its subcontractors pursuant to the provisions of this contract. Business information that would ordinarily be entitled to confidential treatment may be included in the information released to these individuals. Accordingly, by submission of a proposal or execution of this contract, the offeror or contractor and its subcontractors consent to a limited release of its confidential business information.

(c) Circumstances where SPAWAR may release the contractor's or subcontractors' confidential business information include the following:

(1) To other SPAWAR contractors and subcontractors, and their employees tasked with assisting SPAWAR in handling and processing information and documents in the administration of SPAWAR contracts, such as file room management and contract closeout.

(2) To SPAWAR contractors and subcontractors, and their employees tasked with assisting SPAWAR in accounting support services, including access to cost-reimbursement vouchers.

(3) To SPAWAR contractors and subcontractors, and their employees tasked with assisting SPAWAR in crafting performance work statements, assisting with the evaluation of task order cost/technical proposals and assembling performance metrics information.

(d) SPAWAR recognizes its obligation to protect the contractor and its subcontractors from competitive harm that could result from the release of such information. SPAWAR will permit the limited release of confidential business information under paragraphs (c)(1), (c)(2) and (c)(3) only under the following conditions:

(1) SPAWAR determines that access is required by other SPAWAR contractors and their subcontractors to perform the tasks described in paragraphs (c)(1), (c)(2) and (c)(3),

(2) Access to confidential business information is restricted to individuals with a bona fide need to possess,

(3) Contractors, their subcontractors, and their employees who are granted access to confidential business information have signed an appropriate non-disclosure agreement requiring them to provide the same level of protection to confidential business information that would be provided by SPAWAR employees,

(4) Contractors and their subcontractors having access to confidential business information have agreed under their contract or a separate corporate non-disclosure agreement to provide the same level of protection to confidential business information that would be provided by SPAWAR

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 74 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

employees, and

(5) SPAWAR contractors and their subcontractors performing the tasks described in paragraphs (c)(1), (c)(2) or (c)(3) have agreed under their contract or a separate non-disclosure agreement to not use confidential business information for any purpose other than performing the tasks described in paragraphs (c)(1), (c)(2) and (c)(3).

(e) SPAWAR's responsibilities under the Freedom of Information Act are not affected by this clause.

(f) If SPAWAR satisfies the conditions listed in paragraph (d), the contractor and its subcontractors agree to indemnify and hold harmless the Government, its agents, and employees from every claim or liability, including attorneys fees, court costs, and expenses, arising out of, or in any way related to, the misuse or unauthorized modification, reproduction, release, display, or disclosure of confidential business information provided by the contractor to the Government.

(g) The contractor agrees to include, and require inclusion of, this clause in all subcontracts at any tier that requires the furnishing of confidential business information.

H-6 RELEASE OF PLANNING, PROGRAMMING, AND BUDGETING SYSTEM (PPBS) DATA

(a) As defined in this clause, "Planning, Programming and Budgeting System (PPBS) data" includes, but is not limited to, one or more of the following:

- (1) Planning phase.
- (2) Defense Planning Guidance.
- (3) Programming Phase.
- (4) Fiscal Guidance (when separate from Defense Planning guidance).
- (5) Program Objective Memoranda.
- (6) Port Defense Program (formerly FYDP) documents (POM Defense Program, Procurement Annex, RTD&E Annex).
- (7) Program review Proposals.
- (8) Issue Papers (also referred to as Major Issue Papers, Tier II Issue Papers, Cover Briefs).
- (9) Proposed Military Department Program Reductions (or Program Offsets).
- (10) Tentative Issue Decision Memoranda.
- (11) Program Decision Memoranda.
- (12) Budgeting Phase.
- (13) Defense Program (formerly FYDP) documents for September Budget Estimate Submission and President's Budget Estimate submission including Procurement, RTD&E and Construction Annexes).
- (14) Classified P1, R1 and C1.
- (15) Program Budget Decisions and Defense Management Report Decisions.

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 75 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

- (16) Reports Generated by the Automated Budget Review System (BRS).
- (17) DD 1414 Base for Reprogramming.
- (18) DD 1416 Report of Programs.
- (19) Contract Award Reports.
- (20) Congressional Data Sheets.
- (21) Any other data or information identified by the Government as PPBS data or information.

This definition includes all such documentation (whether published or unpublished), and equivalent published or unpublished PPBS data in whatever form produced and maintained by any service component.

(b) The Contractor hereby agrees that it will not divulge any Planning, Programming and Budgeting System (PPBS) data made available to it under this contract to any individual (including other members of the contractor's organization), company or Government representative, unless specific written authorization is received from the Contracting Officer. The Contractor also agrees that it will promptly notify the Contracting Officer of any attempt by any individual (including other members of the contractor's organization), company or Government representative to gain access to such PPBS data. Such notification shall include the name and organization, if available, of the individual (including other member's of the contractor's organization), company or Government representative.

(c) In the event the Contractor, or any of its employees, agents, or subcontractors (or their employees, agents or subcontractors), fail 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 avail itself of any or all of the following remedies:

(1) Terminate the contract for default in accordance with FAR § 52.249-6 (“Termination (Cost-Reimbursement)”) (SEP 1996) or FAR § 52.249-8 (“Default (Fixed-Price Supply and Service”

(2) Include a discussion of such failure to comply with this clause in any evaluation by the Government of the Contractor's performance of this contract created pursuant to FAR 42.15.

(3) resort to such other rights and remedies as provided for under this contract and under Federal law.

Waiver of such rights by the Government for noncompliance shall not be construed as waiver for any successive noncompliance.

(d) Any subcontractor who is granted access to PPBS data shall be subject to the restrictions stated in subparagraphs (a) through (e) above. The Contractor shall notify the subcontractor that it is so subject. The Contractor agrees that the requirements of this clause shall be inserted in all subcontracts such that the restriction on disclosure of PPBS data shall apply to all subcontractors at any tie

H-7 TECHNICAL INSTRUCTIONS

(a) Performance of work hereunder may be subject to written technical instructions signed by the Task Order Manager (TOM) specified in Section G of this task order. As used herein, technical

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 76 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

instructions are defined to include the following:

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

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

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

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

H-8 ORGANIZATIONAL CONFLICT OF INTEREST

The Organizational Conflict of Interest clause in the contractor's basic SeaPort IDIQ contract is incorporated in this task order by reference.

H-9 REIMBURSEMENT OF TRAVEL COSTS (JAN 2006)

(a) Contractor Request and Government Approval of Travel

Any travel under this contract must be specifically requested in writing, by the contractor prior to incurring any travel costs. If this contract is a definite or indefinite delivery contract, then the written Government authorization will be by task/delivery orders issued by the Ordering Officer or by a modification to an issued task/delivery order. If this contract is not a definite or indefinite delivery contract, then the written Government authorization will be by written notice of approval from the Contracting Officer's Representative (COR). The request shall include as a minimum, the following:

- (1) Contract number
- (2) Date, time, and place of proposed travel
- (3) Purpose of travel and how it relates to the contract
- (4) Contractor's estimated cost of travel
- (5) Name(s) of individual(s) traveling and;
- (6) A breakdown of estimated travel and per diem charges.

(b) General

(1) The costs for travel, subsistence, and lodging shall be reimbursed to the contractor only to the extent that it is necessary and authorized for performance of the work under this contract. The

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 77 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

costs for travel, subsistence, and lodging shall be reimbursed to the contractor in accordance with the Federal Acquisition Regulation (FAR) 31.205-46, which is incorporated by reference into this contract. As specified in FAR 31.205-46(a) (2), reimbursement for the costs incurred for lodging, meals and incidental expenses (as defined in the travel regulations cited subparagraphs (b)(1)(i) through (b)(1)(iii) below) shall be considered to be reasonable and allowable only to the extent that they do not exceed on a daily basis the maximum per diem rates in effect at the time of travel as set forth in the following:

(i) Federal Travel Regulation prescribed by the General Services Administration for travel in the contiguous 48 United States;

(ii) Joint Travel Regulation, Volume 2, DoD Civilian Personnel, Appendix A, prescribed by the Department of Defense for travel in Alaska, Hawaii, The Commonwealth of Puerto Rico, and the territories and possessions of the United States; or

(iii) Standardized Regulations, (Government Civilians, Foreign Areas), Section 925, "Maximum Travel Per Diem Allowances in Foreign Areas" prescribed by the Department of State, for travel in areas not covered in the travel regulations cited in subparagraphs (b)(1)(i) and (b)(1)(ii) above.

(2) Personnel in travel status from and to the contractor's place of business and designated work site or vice versa, shall be considered to be performing work under the contract, and contractor shall bill such travel time at the straight (regular) time rate; however, such billing shall not exceed eight hours per person for any one person while in travel status during one calendar day.

(c) Per Diem

(1) The contractor shall not be paid per diem for contractor personnel who reside in the metropolitan area in which the tasks are being performed. Per diem shall not be paid on services performed at contractor's home facility and at any facility required by the contract, or at any location within a radius of 50 miles from the contractor's home facility and any facility required by this contract.

(2) Costs for subsistence and lodging shall be paid to the contractor only to the extent that overnight stay is necessary and authorized in writing by the Government for performance of the work under this contract per paragraph (a). When authorized, per diem shall be paid by the contractor to its employees at a rate not to exceed the rate specified in the travel regulations cited in FAR 31.205-46(a)(2) and authorized in writing by the Government. The authorized per diem rate shall be the same as the prevailing locality per diem rate.

(3) Reimbursement to the contractor for per diem shall be limited to payments to employees not to exceed the authorized per diem and as authorized in writing by the Government per paragraph (a). Fractional parts of a day shall be payable on a prorated basis for purposes of billing for per diem charges attributed to subsistence on days of travel. The departure day from the Permanent Duty Station (PDS) and return day to the PDS shall be 75% of the applicable per diem rate. The contractor shall retain supporting documentation for per diem paid to employees as evidence of actual payments, as required by the FAR 52.216-7 "Allowable Cost and Payment" clause of the contract.

(d) Transportation

(1) The contractor shall be paid on the basis of actual amounts paid to the extent that such

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 78 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

transportation is necessary for the performance of work under the contract and is authorized in writing by the Government per paragraph (a).

(2) The contractor agrees, in the performance of necessary travel, to use the lowest cost mode commensurate with the requirements of the mission and in accordance with good traffic management principles. When it is necessary to use air or rail travel, the contractor agrees to use coach, tourist class or similar accommodations to the extent consistent with the successful and economical accomplishment of the mission for which the travel is being performed. Documentation must be provided to substantiate non-availability of coach or tourist if business or first class is proposed to accomplish travel requirements.

(3) When transportation by privately owned conveyance (POC) is authorized, the contractor shall be paid on a mileage basis not to exceed the applicable Government transportation rate specified in the travel regulations cited in FAR 31.205-46(a)(2) and is authorized in writing by the Government per paragraph (a).

(4) When transportation by privately owned (motor) vehicle (POV) is authorized, required travel of contractor personnel, that is not commuting travel, may be paid to the extent that it exceeds the normal commuting mileage of such employee. When an employee's POV is used for travel between an employee's residence or the Permanent Duty Station and one or more alternate work sites within the local area, the employee shall be paid mileage for the distance that exceeds the employee's commuting distance.

(5) When transportation by a rental automobile, other special conveyance or public conveyance is authorized, the contractor shall be paid the rental and/or hiring charge and operating expenses incurred on official business (if not included in the rental or hiring charge). When the operating expenses are included in the rental or hiring charge, there should be a record of those expenses available to submit with the receipt. Examples of such operating expenses include: hiring charge (bus, streetcar or subway fares), gasoline and oil, parking, and tunnel tolls.

(6) Definitions:

(i) "Permanent Duty Station" (PDS) is the location of the employee's permanent work assignment (i.e., the building or other place where the employee regularly reports for work.

(ii) "Privately Owned Conveyance" (POC) is any transportation mode used for the movement of persons from place to place, other than a Government conveyance or common carrier, including a conveyance loaned for a charge to, or rented at personal expense by, an employee for transportation while on travel when such rental conveyance has not been authorized/approved as a Special Conveyance.

(iii) "Privately Owned (Motor) Vehicle (POV)" is any motor vehicle (including an automobile, light truck, van or pickup truck) owned by, or on a long-term lease (12 or more months) to, an employee or that employee's dependent for the primary purpose of providing personal transportation, that:

(a) is self-propelled and licensed to travel on the public highways;

(b) is designed to carry passengers or goods; and

(c) has four or more wheels or is a motorcycle or moped.

(iv) "Special Conveyance" is commercially rented or hired vehicles other than a POC and other than those owned or under contract to an agency.

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 79 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

(v) “Public Conveyance” is local public transportation (e.g., bus, streetcar, subway, etc) or taxicab.

(iv) “Residence” is the fixed or permanent domicile of a person that can be reasonably justified as a bona fide residence.

EXAMPLE 1: Employee’s one way commuting distance to regular place of work is 7 miles. Employee drives from residence to an alternate work site, a distance of 18 miles. Upon completion of work, employee returns to residence, a distance of 18 miles.

In this case, the employee is entitled to be reimbursed for the distance that exceeds the normal round trip commuting distance (14 miles). The employee is reimbursed for 22 miles ($18 + 18 - 14 = 22$).

EXAMPLE 2: Employee’s one way commuting distance to regular place of work is 15 miles. Employee drives from residence to an alternate work site, a distance of 5 miles. Upon completion of work, employee returns to residence, a distance of 5 miles.

In this case, the employee is not entitled to be reimbursed for the travel performed (10 miles), since the distance traveled is less than the commuting distance (30 miles) to the regular place of work.

EXAMPLE 3: Employee’s one way commuting distance to regular place of work is 15 miles. Employee drives to regular place of work. Employee is required to travel to an alternate work site, a distance of 30 miles. Upon completion of work, employee returns to residence, a distance of 15 miles.

In this case, the employee is entitled to be reimbursed for the distance that exceeds the normal round trip commuting distance (30 miles). The employee is reimbursed for 30 miles ($15 + 30 + 15 - 30 = 30$).

EXAMPLE 4: Employee’s one way commuting distance to regular place of work is 12 miles. In the morning the employee drives to an alternate work site (45 miles). In the afternoon the employee returns to the regular place of work (67 miles). After completion of work, employee returns to residence, a distance of 12 miles.

In this case, the employee is entitled to be reimbursed for the distance that exceeds the normal round trip commuting distance (24 miles). The employee is reimbursed for 100 miles ($45 + 67 + 12 - 24 = 100$).

EXAMPLE 5: Employee’s one way commuting distance to regular place of work is 35 miles. Employee drives to the regular place of work (35 miles). Later, the employee drives to alternate work site #1 (50 miles) and then to alternate work site #2 (25 miles). Employee then drives to residence (10 miles).

In this case, the employee is entitled to be reimbursed for the distance that exceeds the normal commuting distance (70 miles). The employee is reimbursed for 50 miles ($35 + 50 + 25 + 10 - 70 = 50$).

EXAMPLE 6: Employee’s one way commuting distance to regular place of work is 20 miles. Employee drives to the regular place of work (20 miles). Later, the employee drives to alternate

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 80 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

work site #1 (10 miles) and then to alternate work site #2 (5 miles). Employee then drives to residence (2 miles).

In this case, the employee is not entitled to be reimbursed for the travel performed (37 miles), since the distance traveled is less than the commuting distance (40 miles) to the regular place of work.

H-10 INFORMATION ASSURANCE CONTRACTOR TRAINING AND CERTIFICATION (252.239-7001) (JAN 2008)

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

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

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

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

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

H-11 LIMITATION ON FUTURE CONTRACTING

(a) The Contractor agrees that it will be restricted in its future contracting with SPAWAR for work under the program listed in paragraph 2 of the Performance Work Statement (PWS) (attachment 1), and in the manner described below. The limitations in this clause are in addition to any Organizational Conflict of Interest (OCI) limitations that may be specified in future SPAWAR solicitations.

(b) The effort to be performed by the Contractor under this Task Order includes engineering support services required for the development, testing, procurement, and fielding of PMW/A 170 military and commercial communications and navigation systems. Such activities create a significant potential for OCI, as set forth in FAR 9.505.

(c) Consequently, the Contractor shall be ineligible to perform work under, or enter into any contract as either the prime contractor, subcontractor, consultant or as part of a teaming arrangement, unless otherwise authorized in writing by the Contracting Officer. This restriction shall remain in effect during the life of this Task Order (including the option periods, if exercised) and for three (3) years after completion of performance of all efforts under this Task Order (TO).

(d) The Contractor agrees that any proposals or quotes for any work requiring written approval of the Contracting Officer prior to entering into a contract subject to the restriction of this clause

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 81 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

are submitted at the Contractor's own risk. Therefore, the Contractor is not entitled to, and shall not make any claim against, the Government to recover proposal or quote preparation costs, regardless of whether the request for authorization to enter into the contract is denied or approved.

(e) As a result of breach of any of the above restrictions or for nondisclosure or misrepresentation of any relevant facts required to be disclosed concerning this contract, the Government reserves the right to terminate this contract for default, disqualify the Contractor for subsequent related contractual efforts, and to pursue such other remedies as may be available under law. If in compliance with this clause, the Contractor discovers and promptly reports an OCI subsequent to contract award, the Contracting Officer may choose to undertake termination of this contract for convenience of the Government, when such termination is deemed to be in the best interest of the Government.

(f) The Contractor agrees to insert in each subcontract or consultant agreement awarded for any portion of this requirement a clause that conforms substantially to the language of this clause, including this paragraph, unless otherwise authorized in writing by the Contracting Officer.

H-12 NOTIFICATION CONCERNING DETERMINATION OF SMALL BUSINESS SIZE STATUS

For the purposes of FAR clauses 52.219-6, NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE, 52.219-3, NOTICE OF TOTAL HUBZONE SET-ASIDE, 52.219-18, NOTIFICATION OF COMPETITION LIMITED TO ELIGIBLE 8(A) CONCERNS, and 52.219-27 NOTICE OF TOTAL SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS SET-ASIDE, the determination of whether a small business concern is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the size standards in this solicitation, and further, meets the definition of a HUBZone small business concern, a small business concern certified by the SBA for participation in the SBAs 8(a) program, or a service disabled veteran-owned small business concern, as applicable, shall be based on the status of said concern at the time of award of the SeaPort-e MACs and as further determined in accordance with Special Contract Requirement H-19.

H-13 INFORMATION ASSURANCE AND PERSONNEL SECURITY REQUIREMENTS FOR ACCESSING NAVY ENTERPRISE RESOURCE PLANNING (ERP) MANAGEMENT SYSTEM (JAN 2009)

(a) Contractor personnel assigned to perform work under this contract may require access to Navy Enterprise Resource Planning (Navy ERP) System. Prior to accessing any Navy ERP System, contractor personnel shall contact the applicable Navy, Marine Corps Internet (NMCI), Assistant Customer Technical Representative (ACTR) and obtain an NMCI account. ACTRs can be found on the NMCI Homeport website at: https://nmcicustomerreporting/CTR_Lookup/index.asp. Once an NMCI account has been established, the contractor shall submit a request for

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 82 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Navy ERP access and the role required via the Contracting Officers Representative (COR) to the Competency Role Mapping POC. The COR will validate the need for access, ensure all prerequisites are completed, and with the assistance of the Competency Role Mapping POC, identify the Computer Based Training requirements needed to perform the role assigned. Items to have been completed prior to requesting a role for Navy ERP include: Systems Authorization Access Request (SAAR-N), DD Form 2875, Oct 2007, Annual Information Assurance (IA) training certificate and SF85P.

(b) For this procedure, reference to the COR shall mean the PCO for contracts that do not have a designated COR. For directions on completing the SF85P, the contractor is instructed to consult with their company's Security Manager. In order to maintain access to required systems, the contractor shall ensure completion of annual IA training, monitor expiration of requisite background investigations, and initiate re-investigations as required.

(c) For DoD Information Assurance Awareness training, please use this site: <http://iase.disa.mil/index2.html>

DIRECTIONS: On the right side under "IA Training:" select "IA Training Available Online". On the next page select the frame with "DoD Information Assurance Awareness". When the next page comes up, select "Launch DoD Information Assurance Awareness".

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 83 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION I CONTRACT CLAUSES

I-1 OPTION TO EXTEND THE TERM OF THE CONTRACT (FAR 52.217-9) (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor on or before the expiration of the task order; provided, that the Government gives the Contractor a preliminary written notice of its intent to extend at least 60 days before the task order expires. The preliminary notice does not commit the Government to an extension.

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

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed five (5) years

I-2 252.204-7012

SAFEGUARDING OF UNCLASSIFIED CONTROLLED TECHNICAL INFORMATION (NOV 2013)

(a) Definitions. As used in this clause—

“Adequate security” means protective measures that are commensurate with the consequences and probability of loss, misuse, or unauthorized access to, or modification of information.

“Attribution information” means information that identifies the Contractor, whether directly or indirectly, by the grouping of information that can be traced back to the Contractor (e.g., program description or facility locations).

“Compromise” means disclosure of information to unauthorized persons, or a violation of the security policy of a system, in which unauthorized intentional or unintentional disclosure, modification, destruction, or loss of an object, or the copying of information to unauthorized media may have occurred.

“Contractor information system” means an information system belonging to, or operated by or for, the Contractor.

“Controlled technical information” means technical information with military or space application that is subject to controls on the access, use, reproduction, modification, performance, display, release, disclosure, or dissemination. Controlled technical information is to be marked with one of the distribution statements B-through-F, in accordance with DoD Instruction 5230.24, Distribution Statements on Technical Documents. The term does not include information that is lawfully publicly available without restrictions.

“Cyber incident” means actions taken through the use of computer networks that result in an actual or potentially adverse effect on an information system and/or the information residing therein.

“Exfiltration” means any unauthorized release of data from within an information system. This includes copying the data through covert network channels or the copying of data to unauthorized media.

“Media” means physical devices or writing surfaces including, but is not limited to, magnetic tapes, optical disks, magnetic disks, large-scale integration memory chips, and printouts onto which information is recorded, stored, or printed within an information system.

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 84 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

“Technical information” means technical data or computer software, as those terms are defined in the clause at DFARS [252.227-7013](#), Rights in Technical Data-Non Commercial Items, regardless of whether or not the clause is incorporated in this solicitation or contract. Examples of technical information include research and engineering data, engineering drawings, and associated lists, specifications, standards, process sheets, manuals, technical reports, technical orders, catalog-item identifications, data sets, studies and analyses and related information, and computer software executable code and source code.

(b) *Safeguarding requirements and procedures for unclassified controlled technical information.* The Contractor shall provide adequate security to safeguard unclassified controlled technical information from compromise. To provide adequate security, the Contractor shall—

(1) Implement information systems security in its project, enterprise, or company-wide unclassified information technology system(s) that may have unclassified controlled technical information resident on or transiting through them. The information systems security program shall implement, at a minimum—

(i) The specified National Institute of Standards and Technology (NIST) Special Publication (SP) 800-53 security controls identified in the following table; or

(ii) If a NIST control is not implemented, the Contractor shall submit to the Contracting Officer a written explanation of how—

(A) The required security control identified in the following table is not applicable; or

(B) An alternative control or protective measure is used to achieve equivalent protection.

(2) Apply other information systems security requirements when the Contractor reasonably determines that information systems security measures, in addition to those identified in paragraph (b)(1) of this clause, may be required to provide adequate security in a dynamic environment based on an assessed risk or vulnerability.

Table 1 -- Minimum Security Controls for Safeguarding

Minimum required security controls for unclassified controlled technical information requiring safeguarding in accordance with paragraph (d) of this clause. (A description of the security controls is in the NIST SP 800-53, “Security and Privacy Controls for Federal Information Systems and Organizations” (<http://csrc.nist.gov/publications/PubsSPs.html>)).

<u>Access Control</u> AC-2 AC-3(4) AC-4 AC-6 AC-7 AC-11(1) AC-17(2) AC-18(1) AC-19 AC-20(1) AC-20(2) AC-22	<u>Audit & Accountability</u> AU-2 AU-3 AU-6(1) AU-7 AU-8 AU-9 <u>Configuration Management</u> CM-2 CM-6 CM-7 CM-8	<u>Identification and Authentication</u> IA-2 IA-4 IA-5(1) <u>Incident Response</u> IR-2 IR-4 IR-5 IR-6	<u>Media Protection</u> MP-4 MP-6 <u>Physical and Environmental Protection</u> PE-2 PE-3 PE-5 <u>Program Management</u> PM-10	<u>System & Comm Protection</u> SC-2 SC-4 SC-7 SC-8(1) SC-13 SC-15 SC-28 <u>System & Information</u>
--	---	---	---	--

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 85 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

<u>Awareness & Training</u> AT-2	<u>Contingency Planning</u> CP-9	<u>Maintenance</u> MA-4(6) MA-5 MA-6	<u>Risk Assessment</u> RA-5	<u>Integrity</u> SI-2 SI-3 SI-4

Legend:

AC: Access Control	MA: Maintenance
AT: Awareness and Training	MP: Media Protection
AU: Auditing and Accountability	PE: Physical & Environmental Protection
CM: Configuration Management	PM: Program Management
CP: Contingency Planning	RA: Risk Assessment
IA: Identification and Authentication	SC: System & Communications Protection
IR: Incident Response	SI: System & Information Integrity

(c) Other requirements. This clause does not relieve the Contractor of the requirements specified by applicable statutes or other Federal and DoD safeguarding requirements for Controlled Unclassified Information (CUI) as established by Executive Order 13556, as well as regulations and guidance established pursuant thereto.

(d) Cyber incident and compromise reporting.

(1) Reporting requirement. The Contractor shall report as much of the following information as can be obtained to the Department of Defense via (<http://dibnet.dod.mil/>) within 72 hours of discovery of any cyber incident, as described in paragraph (d)(2) of this clause, that affects unclassified controlled technical information resident on or transiting through the Contractor's unclassified information systems:

- (i) Data Universal Numbering System (DUNS).
- (ii) Contract numbers affected unless all contracts by the company are affected.
- (iii) Facility CAGE code if the location of the event is different than the prime Contractor location.
- (iv) Point of contact if different than the POC recorded in the System for Award Management (address, position, telephone, email).
- (v) Contracting Officer point of contact (address, position, telephone, email).
- (vi) Contract clearance level.
- (vii) Name of subcontractor and CAGE code if this was an incident on a Sub-contractor network.
- (viii) DoD programs, platforms or systems involved.
- (ix) Location(s) of compromise.
- (x) Date incident discovered.
- (xi) Type of compromise (e.g., unauthorized access, inadvertent release, other).

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 86 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

(xii) Description of technical information compromised.

(xiii) Any additional information relevant to the information compromise.

(2) *Reportable cyber incidents.* Reportable cyber incidents include the following:

(i) A cyber incident involving possible exfiltration, manipulation, or other loss or compromise of any unclassified controlled technical information resident on or transiting through Contractor's, or its subcontractors', unclassified information systems.

(ii) Any other activities not included in paragraph (d)(2)(i) of this clause that allow unauthorized access to the Contractor's unclassified information system on which unclassified controlled technical information is resident on or transiting.

(3) *Other reporting requirements.* This reporting in no way abrogates the Contractor's responsibility for additional safeguarding and cyber incident reporting requirements pertaining to its unclassified information systems under other clauses that may apply to its contract, or as a result of other U.S. Government legislative and regulatory requirements that may apply (e.g., as cited in paragraph (c) of this clause).

(4) Contractor actions to support DoD damage assessment. In response to the reported cyber incident, the Contractor shall—

(i) Conduct further review of its unclassified network for evidence of compromise resulting from a cyber incident to include, but is not limited to, identifying compromised computers, servers, specific data and users accounts. This includes analyzing information systems that were part of the compromise, as well as other information systems on the network that were accessed as a result of the compromise;

(ii) Review the data accessed during the cyber incident to identify specific unclassified controlled technical information associated with DoD programs, systems or contracts, including military programs, systems and technology; and

(iii) Preserve and protect images of known affected information systems and all relevant monitoring/packet capture data for at least 90 days from the cyber incident to allow DoD to request information or decline interest.

(5) *DoD damage assessment activities.* If DoD elects to conduct a damage assessment, the Contracting Officer will request that the Contractor point of contact identified in the incident report at (d)(1) of this clause provide all of the damage assessment information gathered in accordance with paragraph (d)(4) of this clause. The Contractor shall comply with damage assessment information requests. The requirement to share files and images exists unless there are legal restrictions that limit a company's ability to share digital media. The Contractor shall inform the Contracting Officer of the source, nature, and prescription of such limitations and the authority responsible.

(e) *Protection of reported information.* Except to the extent that such information is lawfully publicly available without restrictions, the Government will protect information reported or otherwise provided to DoD under this clause in accordance with applicable statutes, regulations, and policies. The Contractor shall identify and mark attribution information reported or otherwise provided to the DoD. The Government may use information, including attribution information and disclose it only to authorized persons for purposes and activities consistent with this clause.

(f) Nothing in this clause limits the Government's ability to conduct law enforcement or counterintelligence activities, or other lawful activities in the interest of homeland security and national security. The results of the activities described in this clause may be used to support an investigation and prosecution of any person or entity, including those attempting to infiltrate or compromise information on a contractor information system in violation of any statute.

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 87 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

(g) Subcontracts. The Contractor shall include the substance of this clause, including this paragraph (g), in all subcontracts, including subcontracts for commercial items.

(End of clause)

I-3 CLAUSES INCORPORATED BY REFERENCE

52.219-6 NOTICE OF SMALL BUSINESS SET-ASIDE (JUN 2003)

52.219-14 LIMITATIONS OF SUBCONTRACTING (DEC 1996)

52.232-18 AVAILABILITY OF FUNDS (APR 1984)

CONTRACT NO. N00178-05-D-4596	DELIVERY ORDER NO. NS01	AMENDMENT/MODIFICATION NO. 64	PAGE 88 of 88	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION J LIST OF ATTACHMENTS

Attachment No. 1 - Performance Work Statement (PWS) titled PMW/A 170 Systems Engineering, Logistics Engineering, and Installation Support Services for Navy Communications dated 25 Feb 2011

Attachment No. 2 - Contract Data Requirements List (CDRL) A001-A005

Attachment No. 2a - MSR Excel Format for A001

Attachment No. 2b - Employee Master List for A001

Attachment No. 2c - ITCOR Spreadsheet for A002

Attachment No. 3 - Contract Security Classification Specification (DD254) Rev 2 dated 04 May 2012

Attachment No. 4 - Allotment of Funds

Attachment No. 5 - Quality Assurance Surveillance Plan (QASP)

Attachment No. 6 - Performance of Work Statement (PWS) R1

PMW/A 170 Systems Engineering, Logistics Engineering, and Installation Support Services for Navy Communications

1.0 INTRODUCTION

The Communications Program Office (PMW/A 170) of the Program Executive Office (PEO) Command, Control, Communications, Computers, Intelligence (C4I) is responsible for the acquisition, integration, delivery, and support of communications and navigation systems for global Naval forces. PMW/A 170 is obtaining systems engineering, logistics engineering, production management and installation support services for the integration of its Navy Communications programs. This Task Order is for engineering support services required to support the development, testing, procurement, and fielding of PMW/A 170 military and commercial communications and navigation systems.

2.0 BACKGROUND

PMW/A 170 acquires a wide variety of communications and navigation systems throughout the Naval enterprise that support the Naval global mission. These systems are installed and operated on surface, subsurface, and airborne platforms and are deployed worldwide. The communications and navigation systems procured by PMW/A 170 are key enablers for global voice, video, and data information exchange systems as well as fleetwide positioning, navigation, and timing services.

The PMW/A 170 vision is that of reliable and robust communications and GPS (Global Positioning System) navigation...anytime, anywhere. The mission of PMW/A 170 is to provide and support interoperable, cost-effective communications and GPS navigation, enabling information dominance for maritime forces. This vision and mission supports all PEO C4I strategic objectives, including that of being the C4I provider of choice. In executing its mission, PMW/A 170 works closely with all key stakeholders in the Naval communications enterprise, including fleet users, maintainers, requirements developers, resource sponsors, combatant commanders, other services (Marines, Army, and Air Force), as well as organizations that build key components of the enterprise (such as satellites).

The satellite communications systems developed and procured by PMW/A 170 enable protected satellite communications, wideband satellite communications, narrowband satellite communications, and broadcast satellite communications. These terminal systems leverage military satellites as well as commercial satellites, and operate in a diverse variety of frequencies and data rates. PMW/A 170 will also potentially develop new satellite terminal systems to leverage future satellites that have not yet been defined. Within the last 10 years, the satellite communications systems developed and procured by PMW/A 170 have enabled a 10-fold increase in throughput to the fleet.

Tactical communications systems developed and procured by PMW/A 170 enable line-of-sight connectivity between Naval platforms at a variety of data rates and frequencies. These systems include both developmental systems as well as commercial-off-the-shelf and government-off-

the-shelf systems, all of which must be integrated on Naval platforms. These systems may also leverage future airborne communications relays that have not yet been defined.

Positioning, Navigation, and Timing systems developed and procured by PMW/A 170 are fielded on all surface, subsurface, and airborne platforms and leverage developments within the GPS community.

The communications and navigation systems developed and procured by PMW/A 170 span all acquisition category (ACAT) designations, from the smallest of programs (ACAT IV) to the largest programs within the U.S. Department of Defense (ACAT IC). These systems also span frequencies from HF (high frequency) to EHF (extremely high frequency) and most frequencies between these two extremes. All systems developed and procured by PMW/A 170 must be integrated to platforms and interfaced to other systems under a rigorous set of criteria and environmental needs. Comprehensive testing of the systems within PMW/A 170 is undertaken on a continuous basis.

Systems developed and procured by PMW/A 170 will be operationally suitable and operationally effective under a variety of potentially adverse conditions, enabling the U.S. Navy to maintain information dominance anytime and anywhere. Moreover, all systems under the purview of PMW/A 170 will be logistically engineered to meet stringent operational availability requirements.

3.0 SCOPE

The objective of this Task Order is to obtain systems engineering, logistics engineering, production management and installation support services required to support the development, procurement, testing, and fielding of PMW/A 170 programs and systems. This task will be performed at both the overall PMW “front-office” and individual program and “direct support” level(s).

Contractor services shall include assisting managers with development, testing, production, and installation of hardware and software systems. The Contractor shall support research and development of PMW/A 170 communications systems, ensuring product technical specifications are consistent with operational requirements. The Contractor shall assist PMW/A 170 managers with review and evaluation of design data and documentation by providing technical representation on project teams and working groups, ensuring system level requirements are properly developed, providing system architecture development services, and supporting the Configuration Control Board (CCB) process.

4.0 APPLICABLE DIRECTIVES

The Contractor shall adhere to all DoD and SECNAV (Secretary of the Navy) 5000 series acquisition guidance, directives and policies in the performance of this Task Order and in accordance with paragraph 5.0 Performance Requirements. Additional directives associated with this Task Order are provided in Appendix 1 of this Performance Work Statement (PWS).

5.0 PERFORMANCE REQUIREMENTS

The Contractor shall perform the following tasks in accomplishing the requirements of this Task Order. The Contractor shall provide the necessary timely assistance to meeting program emergent requirements as established and requested by the Program Manager or other properly designated authority. In addition, the Contractor shall perform, document and deliver the outputs/work products stipulated for each task in accordance with the requirements stated in each task and the directives listed in Section 4.0 Applicable Directives/Documents and Appendix 1 of this Performance Work Statement, unless otherwise directed by the Program Manager or his/her authorized representative. All required written documentation: reports, plans, analyses, briefing materials etc, shall be complete, submitted within established timeframes and in accordance with format and accuracy standards prescribed by the Program Manager.

5.1 Systems Engineering Services (O&M, N)

5.1.1 Technical Director

The Contractor shall provide fielded systems engineering support and technical support to the Technical Director in the acquisition of system hardware and software, integration planning and tracking, configuration management, as well as support and updates to engineering documentation. The Contractor shall analyze, develop, and evaluate life cycle support plans for Navy communications and navigation equipment related to integration and fielding. The Contractor shall prepare Analysis of Alternatives (AoAs), White Papers, Trade Studies, analyses, architectural documents, risk assessments, and roadmaps to support the communications and navigation terminal strategies in concert with changing fleet requirements. The Contractor shall develop schematics and architectural diagrams as required for Initial Capability Document (ICD)/Capability Development Document (CDD)/Capability Production Document (CPD) submissions.

The Contractor shall assist the Technical Director in the identification of issues and alternatives, analysis of fielded operations, analysis of processes, evaluation of technical issues, and review of technical specifications to ensure systems meet fleet requirements.

5.1.2 Tactical Communications

5.1.2.1 UHF (Ultra High Frequency) Communications

The Contractor shall provide systems engineering, technical, and logistics support services for legacy UHF communications systems, communication circuits, and supported information systems. The Contractor shall interface with operational and staff Navy/DoD personnel (i.e. SYSCOMS (Systems Commands) and fleet commanders) regarding required updates, logistics and support needs. Supported systems include UHF radios and support equipment including the Assured Internet Protocol (AIP) initiative to bring IP connectivity to routine UHF circuits and broadcast services, including the Fleet Broadcast. This support shall include scheduling for development and procurement activities related to equipment changes, configuration management support, installation scheduling and coordination, and logistics engineering support services.

5.1.3 Satellite Communications

5.1.3.1 Extremely High Frequency (EHF) Satellite Communications

The Contractor shall provide systems engineering support services for the Extremely High Frequency (EHF) Low Data Rate (LDR), Medium Data Rate (MDR), Follow-on Terminal (FOT), submarine High Data Rate (HDR), Navy EHF Communication Controller (NECC), and the Time Division Multiple Access (TDMA) Interface Processor (TIP).

The Contractor shall provide fielded systems engineering support to the EHF Satellite Communications (SATCOM) Program providing technical support to the Program Manager in the acquisition of system hardware and software, integration planning and tracking, as well as, support and updates to engineering documentation. The Contractor shall analyze, develop, and evaluate life cycle support plans for Navy EHF Military SATCOM Terminals related to integration and fielding. The Contractor shall develop all EHF Program briefing material as required. The Contractor shall interface with the all Program Stakeholders in support of the EHF Program.

The Contractor shall provide technical support to the Contracting Officers Representative (COR) by drafting and reviewing Performance Statement of Work (SOW) task orders on the SATCOM System Follow-On contract (SSFO) and the subsequent SATCOM Systems Engineering Services (SSES) contract. The Contractor shall monitor and route all vendor deliverables including Monthly Status Reports (MSRs) and CDRLs. The Contractor shall support the development, of NESP documents including the Justification & Authorization (J&A), Clinger-Cohen Act, D&F (Determination and Findings) for new contracts. The Contractor shall complete the review and routing of all assigned documents within the requested timeframe.

The Contractor shall provide technical support to the APM (Assistant Program Manager) in the acquisition of system hardware and software, integration planning and tracking, as well as support updates to engineering documentation. The Contractor shall submit technical evaluations of changes to the life cycle support plan as assigned. The Contractor shall prepare Analysis of Alternatives (AoA), White Papers, Trade Studies, and Roadmaps to support EHF Program strategies in concert with changing Fleet requirements. The Contractor shall provide technical representation at Integrated Product Teams and working groups involved in the implementation of prime mission contracts, engineering changes, logistics support plan updates, training plan updates as a result of ECs (Engineering Changes), testing documentation, fielding procedures and plans, decision briefs, and assist in the reduction of program risk per applicable risk management plans. The Contractor shall prepare the necessary technical reports and presentations for the IPTs and working groups in support of the EHF Program.

5.1.3.2 Commercial Satellite Communications, Spectrum Management

The Contractor shall monitor and track all spectrum issues related to international, national, and DoD use of commercial SATCOM including Federal Communications Commission (FCC) regulatory issues affecting Earth Stations Aboard Vessels (ESV); current FCC Notice of Proposed Rule Making (NPRM) and National Telecommunications & Information Administration (NTIA) provisions; Electromagnetic Interference issues; and current Fixed Pier and In-Motion C-Band operations regulations. The Contractor shall develop, track, review, and report on DD1494's for all SATCOM systems, and support the development or revisions to any

Fixed Satellite Service licensing including Host Nation Approval (HNA), vendor certification of SATCOM terminals, and Prior Coordination Notice (PCN) studies. The Contractor shall provide input and recommendations as required to support drafting of Commercial SATCOM lease RFPs (Requests for Proposals), RFQs (Requests for Quotes), RFIs (Requests for Information), Task Orders, and SOWs (Statements of Work). The Contractor shall provide reports as requested on spectrum issues. The Contractor shall maintain PMW/A 170 DD1494 files and spectrum requests, researching the information as requested.

5.1.3.3 Global Broadcast Service (GBS)

The Contractor shall provide engineering services to support the Global Broadcast Service (GBS) Program in identifying fielded issues and proposing alternatives, reducing program risk per applicable risk management plan, evaluating technical issues and reviewing technical specifications and reports. The Contractor shall provide engineering services and make technical and programmatic recommendations in support of the fielded prime mission product.

The Contractor shall provide engineering support to develop, review and execute documentation (SCDs (Ship Change Documents), CBA (Capabilities Based Assessment), EC (Engineering Change), FC (Field Change), CCB (Configuration Control Board), etc.) to comply with the SHIPMAIN installation process and procedures.

The Contractor shall also provide technical representation for Program Management Reviews and working groups, and assist in the analysis of operations and analysis of processes in direct support of GBS prime mission product implementation. The Contractor shall document and submit all recommendations to the GBS APM. Recommendations shall identify all positive and negative issues associated with implementation and include estimated costs when possible.

The Contractor shall support all aspects of the GBS product including concept of operations and equipment operation. The Contractor shall provide the requested engineering services, analyses, and reviews as assigned by the PMW/A 170 GBS APM.

5.1.3.4 Super High Frequency (SHF) Satellite Communications

5.1.3.4.1 Hardware Engineering Services

The Contractor shall provide fielded Systems engineering Services support to the Super High Frequency (SHF) Satellite Communications (SATCOM) Terminal Program through fielded engineering analysis and support of SATCOM terminals and components. The Contractor shall provide technical representation in Integrated Product Teams and working groups involved in the implementation of prime mission contracts, engineering change proposals, logistics support plan updates as a result of ECPs, training plan updates as a result of ECPs, testing documentation, and fielding procedures and plans. The Contractor shall support thorough review and routing of SHF documents including Justification and Authorization (J&A) for new or follow-on contracts, Performance Statement of Work (SOW) for tasks to be awarded under SHF contracts. Contractor shall support Program Reviews at Marlborough, MA, Melbourne, FL and other locations as required. The Contractor shall support the SHF APM in development and review of recurring PEO/PMW briefings. The Contractor shall assist with development schedules and budgets for Preplanned Product Improvements (P3I). The Contractor shall interface with the

NAVSEA Ship Program Manager (SPM), Chief of Naval Operations (CNO), Fleet Commanders and Type Commanders (TYCOMs), and the In-Service Engineering Activity (ISEA) for the SHF Program. The Contractor shall provide the requested engineering services, analyses, and reviews as assigned by the PMW/A 170 SHF APM.

5.1.3.4.2 Systems Engineering Services

The Contractor shall provide fielded systems engineering support to the Super High Frequency (SHF) Satellite Communications (SATCOM) Terminal Program providing technical support to the Program Manager in the acquisition of system hardware and software, integration planning and tracking, as well as support and updates to engineering documentation. The Contractor shall analyze, develop, and evaluate life cycle support plans for Navy SHF Military SATCOM Terminals related to integration and fielding. The Contractor shall provide technical support to the APM in the acquisition of system hardware and software, integration planning and tracking, as well as support updates to engineering documentation. The Contractor shall submit technical evaluations of changes to the life cycle support plan as assigned. The Contractor shall prepare Analysis of Alternatives (AoAs), White Papers, Trade Studies, and Roadmaps to support the SHF SATCOM terminal strategies in concert with changing fleet requirements. The Contractor shall develop schematics and architectural diagrams as required for Initial Capability Document (ICD)/Capability Development Document (CDD)/Capability Production Document (CPD) submissions.

The Contractor shall provide support for SHF terminals and components for the upgrade of SHF terminals, including the Enhanced Bandwidth Efficient Modem (EBEM). The Contractor shall assist the SHF Program in the identification of issues and alternatives, analysis of fielded operations and analysis of processes, evaluation of technical issues, review of technical specifications to ensure deliveries meet contract specifications, and make technical recommendations. The Contractor shall submit all assigned technical reports and presentations in accordance with the APM's format and schedule.

The Contractor shall prepare the necessary technical reports and presentations for the IPTs and working groups in support of the SHF SATCOM Terminal Program. The Contractor shall submit all documentation to the PMW/A 170 SHF APM for approval prior to the scheduled meetings.

5.1.3.4.3 Engineering Change Proposal (ECP) Configuration Management

The Contractor shall provide Systems Engineering Services support to the Super High Frequency (SHF) Satellite Communications (SATCOM) Terminal Program related to fielded configuration management planning to include the formulation and tracking of fielding plans for equipment and sub-systems to support fleet and shore requirements. This also includes site surveys to review the acquisition scope of work and coordinate with the fleet and shore personnel to ensure the fielded systems meet site/platform specific requirements. The Contractor shall provide scheduling/planning support to include tracking of Government Furnished Equipment (GFE)/Government Furnished Information (GFI) government commitments, evaluating requirements (including the procurement of material and review of material receipt), recommending the allocation of assets from the prime Contractor and Government team in resolving delivery conflicts. The Contractor shall support the fielding, test, warranty repair and

upgrade of existing Afloat and Ashore Navy SHF SATCOM terminals. The Contractor shall provide technical representation and coordinate with Navy platform systems integration organizations such as NAVSEA Systems Command, Fleet and Type Commands as well as associated organizations including C4I and Combat Modernization Process (C5IMP), internal SPAWAR and PEO C4I change control boards and configuration control boards. The Contractor shall provide technical representation at Integrated Product Teams (IPT) and working groups involved with the implementation of Engineering Change Proposals (ECPs), Ship Change Documents (SCDs), Field Change Bulletins (FCBs), and Engineering Change Orders (ECOs), fielding procedures and plans, configuration management plans, logistics support plans, training plans, and testing documentation. The Contractor shall develop all required documentation necessary to participate fully in the configuration management IPTs and working groups, in support of the SHF SATCOM Terminal Program. The Contractor shall submit all documentation to the PMW/A 170 SHF APM for approval prior to the scheduled meetings. The Contractor shall summarize all coordination efforts in a monthly status report.

5.1.4 Performance Metrics

The Contractor shall track performance metrics and standards in the execution of task order requirements. These metrics will be used to monitor Task Order execution, establish meaningful out-year Task Order performance requirements, performance measures and assist in business process re-engineering of Government procedures. The Contractor shall identify and track all deliverables submitted to the Government both in draft and final form which are developed under this Task Order. The Contractor shall maintain a listing of all deliverables submitted to the Government in performance of Task Order Requirements. This listing of deliverables will be included as a part of the monthly report. The Contractor shall also identify any additional reference documents applicable and/ or used by the Contractor to support these Task Order Requirements. This listing of references by Task Order requirement will be included as a part of the Contractor’s monthly report.

The Contractor shall provide the deliverables listed below in accordance with the listed schedule: Deliverables shall be prepared in Contractor format when no government format is provided. Performance evaluation will be in accordance with paragraph 6.1 of the PWS.

O&M,N	Schedule
GFE/GFI Tracking Matrix	As Required
Delivery Plans for equipment sub-systems	As Required
Program Risk Reduction Plans	As Required
Analysis of Production Quality Assurance Plans	As Required
Analysis of Production Operations Plans	As Required
Briefs/Presentations	As Required
Trip Report	5 working days after completion of trip
Navy NESP program notebook	Monthly
Reclammas	As Required
NESP point papers	As Required
NESP briefs to NETWARCOM, CNO, SUBPAC/SUBLANT	Monthly

NESP status summary to PM	Monthly
NESP status briefings	As Required
C4ISR Fleet briefs	Quarterly
NESP products delivery schedule update	Monthly
NESP Acquisition Plan and Acquisition Strategy update	As Required
Review comments on CDRLs	As Required
NESP DTRR and OTRR briefs – draft and final	As Required
NESP DT and OT Results – Briefs and Reports	As Required
Spectrum Status Report	Monthly
Revise CWSP DD1494	As Required
Develop INMARSAT Follow-On DD1494	As Required
Revise/Track TV-DTS DD1494	As Required
Update/Develop Communications DD1494s	As Required
Trip Report	5 working days after completion of trip
Navy GBS CONOPS Document	As Required
GBS Interactive Toolkit CD-ROM	As Required
Briefs/Presentations	As Required
Trip Report	5 working days after completion of trip
Draft SCD, CBA, EC, FC	As Required
Technical Analysis	As Required
SATCOM IPT Weekly Reports	Weekly
POAM	As Required
Update APM Tracker List	Weekly
Update Action Item DataBase	As Required
Production Engineering Change Orders	As Required
Weekly Status Reports	Weekly
Ship Change Documents (SCD)	As Required
Field Change Bulletins (FCB)/Engineering Change Orders (ECO)	As Required
Engineering Change Proposals (ECP)	As Required

5.3 Production Engineering and Installation Support Services (OPN)

5.3.1 Technical Director

5.3.1.1 Platform Integration

The Contractor shall support the PMW/A 170 Technical Director (TD) in identifying engineering support in the production of all PMW/A 170 systems of record. The Contractor shall assess platform production issues and alternatives for issue resolution, perform producibility and risk analysis, research technical issues, review technical specifications, drawings and reports, and make technical recommendations for PMW/A 170 Programs of Record (PORs) and projects.

The Contractor shall coordinate between PMW/A 170 and Navy platform topside production and integration organizations (i.e., NAVSEA Systems Command, PEOs, shipyards, planning yards, design activities, PEO C4I platform integration offices (PMW 740, PMW 750, PMW 760, PMW 770, etc.). The Contractor shall provide technical representation and prepare briefs for project team meetings and working groups, including the Communications Requirements Working Group and the NAVSEA Topside Warrant Holder Topside Working Group. The Contractor shall submit the required briefs for approval no later than four days prior to the meeting. Required changes shall be made and submitted for review no later than four hours before the meeting. All coordination activities shall be summarized in the monthly report.

The Contractor shall review and evaluate production design data and acceptance test documentation from PMW/A170 PORs and project environmental tests. The Contractor shall assist PMW/A170 in the review and update of the MIL-S-901D shock specification to MIL-DTL-901E. The Contractor shall prepare shock qualification, waiver and deficiency letters for PMW/A170 PORs and projects. The Contractor shall submit evaluations, production design changes resulting from Engineering Changes (ECs)/Field Changes (FCs), recommendations and letters as required for proper program/project execution and scheduling.

The Contractor shall coordinate system Electromagnetic Compatibility (EMC) shipboard certifications for PMW/A170 POR and projects. The Contractor shall coordinate between PMW/A170, Shipboard EMC Improvement Panel (SEMCIP), and NSWC-Dahlgren with respect to EMI issues. The Contractor shall ensure the appropriate MIL-STD-461/464 requirements are included in PMW/A170 POR and project specifications, review production acceptance test plans and identify EMI issues from the SEMCIP Technical Assistance Network (STAN). The Contractor shall assist in the review and evaluation of production design data and documentation as it relates to all platform integration issues, including the updating of the PMW/A 170 platform integration matrices. The Contractor shall submit recommendations to PMW/A 170 APMs with respect to EMC/EMI specifications and issues.

5.3.1.2 Installation Support Services

The Contractor shall support installation preparation and work with Fleet Readiness Program to ensure installation baselines are accurate and maintained in a timely manner. The Contractor shall document recommended changes to support schedule deadlines, and submit them to the PMW/A 170 Installation Manager and appropriate APM.

The Contractor shall work with internal and external agencies to expedite the installation processes, assisting the appropriate APM to develop fielding plans meeting schedule and process critical path time lines. The Contractor shall support installation issue resolution, ensure installation status accuracy, assess areas of potential risk and work with the PMW/A 170 Installation Manager and appropriate APM to resolve installation issues. The Contractor shall coordinate all installation issues through the PMW/A 170 Installation Manager and appropriate APM to ensure PMW/A 170 program objectives are met. The Contractor shall summarize all activities in a monthly report.

The Contractor shall review, provide recommended changes and provide impact assessments with respect to installation issues. The Contractor shall provide recommendations to the APM, based on the reviews and assessments to meet emergent requirements for PMW/A 170 POR and projects for current and proposed versions of C4I NCW (Network Centric Warfare) Roadmap, SHIPMAIN, FRP/C5IMP Fielding Plans and the execution work plan SPIDER.

The Contractor shall update SPIDER database with installation and fielding plans in support of installations including assisting in reconciling of C4I NCW Roadmap, SHIPMAIN, FRP/C5IMP Fielding Plans. The Contractor shall review the integrity of the SPIDER database for all PMW/A 170 POR and projects ensuring that SPIDER reflects the current fielding plans of the PMW/A 170 POR and projects based on POM and FYDP identified by the PMW/A 170 APMs to meet emergent requirements in POR or project execution.

5.3.1.3 Configuration Management

The Contractor shall provide production engineering changes (i.e. Ship Change Document (SCD), Field Change (FC) Bulletin (FCB), and Engineering Change Order (ECO)), deviations, waivers, and schedule impacts to PMW/A 170 POR and projects. The Contractor shall prepare documentation for the PMW/A 170 and SPAWAR Configuration Control Board (CCB), SPAWAR Integrated Data Environment (SPIDER), NAVSEA NDE/AMPS CCB, and RMMCO online integration and installation tools. The Contractor shall comply with the PEO's LCCMIM (Life Cycle Configuration Management Implementation Manual) as the Configuration Manager of PMW/A 170. The Contractor shall submit prepared documentation to the APM for review and approval. When approved, the Contractor shall enter the required information into the online integration tools within five days of approval.

The Contractor shall coordinate production engineering changes with Navy platform systems organizations such as NAVSEA Systems Command; Fleet and Type Commands; associated organizations with C4I and Combat Modernization Process (C5IMP); and internal SPAWAR and PEO change control boards and configuration change boards. The Contractor shall coordinate between PMW/A170 and PEO C4I platform integration offices, NAVSEA 06, and the SHIPMAIN process, including providing inputs to the Afloat Master Planning System (AMPS) and Navy Data Environment (NDE) website. All Contractor coordination efforts shall be summarized in the CCB tracker report.

The Contractor shall prepare training materials for initial train the trainers for PMW/A 170 CCB training sessions and update the PMW/A 170 CCB Tracker on a weekly basis for PMW/A 170 programs in production phase. The Contractor shall submit suggestions for quarterly CCB Training to the TD for approval at the beginning of each quarter. Draft and final initial training materials shall be submitted to the TD for approval in sufficient time to allow for review and corrections as necessary.

5.3.1.4 Positioning, Navigation, and Timing (PNT)

The Contractor shall provide systems engineering support services for all navigation and timing systems as directed by the Assistant Program Manager for Engineering or the Technical Director. These activities include participation in a wide variety of working groups addressing diverse sets of issues related to navigation and timing in a naval environment. Such activities also include

topside issue resolution, systems integration, interface control, systems testing, environmental testing, specifications review, travel as directed to attend meetings and production test events, and preparation of briefings and documents in support of the APM-E. The Contractor shall communicate and represent the interests of the PMW/A 170 and provide advice to the APM-E on any navigation and timing issues. The Contractor shall prepare technical presentations and reports, and develop and update management data as assigned by the APM-E, and deliver them to the APM-E in the timeframe specified by the APM-E. The Contractor shall submit review summaries and recommendations to the APM-E for consideration and track document progress through the review process to ensure timely approval is obtained. When approved the Contractor shall ensure the changes are incorporated into the final documents and plans.

5.3.1.5 Tactical Communications

The Contractor shall provide systems engineering support services for all tactical communications as directed by the Assistant Program Manager for Engineering (APM-E) or the Technical Director. These activities include participation in a wide variety of working groups addressing diverse sets of issues related to end-to-end tactical communications connectivity in a naval environment. Such activities also include topside issue resolution, systems integration, interface control, systems testing, environmental testing, specifications review, travel as directed to attend meetings and production test events, and preparation of briefings and documents in support of the APM-E. The Contractor shall communicate and represent the interests of the PMW/A 170 and provide advice to the APM-E on any tactical communications engineering issues. The Contractor shall prepare technical presentations and reports, and develop and update management data as assigned by the APM-E, and deliver them to the APM-E in the timeframe specified by the APM-E. The Contractor shall submit review summaries and recommendations to the APM-E for consideration and track document progress through the review process to ensure timely approval is obtained. When approved the Contractor shall ensure the changes are incorporated into the final documents and plans.

5.3.1.6 Satellite Communications

The Contractor shall provide systems engineering support services for all satellite communications as directed by the Assistant Program Manager for Engineering or the Technical Director. These activities include participation in a wide variety of working groups addressing diverse sets of issues related to end-to-end satellite communications connectivity in a naval environment. Such activities also include topside issue resolution, systems integration, interface control, systems testing, environmental testing, specifications review, travel as directed to attend meetings and production test events, and preparation of briefings and documents in support of the APM-E. The Contractor shall communicate and represent the interests of the PMW/A 170 and provide advice to the APM-E on any SATCOM engineering issues. The Contractor shall prepare technical presentations and reports, and develop and update management data as assigned by the APM-E, and deliver them to the APM-E in the timeframe specified by the APM-E. The Contractor shall submit review summaries and recommendations to the APM-E for consideration and track document progress through the review process to ensure timely approval is obtained. When approved the Contractor shall ensure the changes are incorporated into the final documents and plans.

5.3.2 Positioning, Navigation, and Timing

The Contractor shall provide integration, installation, acceptance testing analyses, recommendations and support services for the Assistant Program Manager (APM) for Global Positioning System (GPS) User Equipment (UE) hand held receiver procurement. The objective of this effort is to provide expert engineering and technical assessments, prepare and review analytical solutions and validate acquisition and delivery plans and schedules for GPS UE. The Contractor shall formulate and track delivery plans for UE or sub-systems to support fleet requirements. Efforts include assisting the prime Contractor and Government team in resolving production and delivery conflicts, evaluating production design data, review system drawings, requirement traceability matrices and production memos and reports to ensure deliveries meet production contract requirements and specifications. The Contractor shall prepare briefs, point papers, or input to acquisition strategies, plans and documents within the schedule assigned by the GPS APM.

5.3.3 Future Satellite Communications

5.3.3.1 Navy Multiband Terminal (NMT)

5.3.3.1.1 Installation and Fielding

The Contractor shall support the production, integration, installation, production acceptance test, and upgrade of NMT terminals. The Contractor shall provide technical representation and coordinate with Navy platform systems integration organizations such as NAVSEA Systems Command, Fleet and Type Commands, internal SPAWAR and PEO C4I production change control boards and configuration change boards. The Contractor shall provide technical representation and shall assist with the development, management and implementation of Engineering Change Proposals (ECP), Ship Change Documents (SCD), Field Change Bulletins (FCB), and Engineering Change Orders (ECO), fielding procedures and plans. The Contractor shall develop all required documentation in the timeframe necessary to perform the aforementioned tasks.

5.3.3.1.2 Logistics Management

The Contractor shall provide logistics engineering expertise and management services to support NMT procurement planning, installation, and NMT production baseline supportability planning in support NMT Fleet implementation.

5.3.3.1.3 Provisioning and Supply

The Contractor shall support Original Equipment Manufacturer (OEM) delivery and Government review and acceptance of NMT production baseline provisioning and supply support documentation required to establish the NMT production baseline. In addition, the Contractor shall provide supply support services to document and maintain the product baseline in response to NMT Engineering Change Orders (ECOs) that impact the NMT production baseline. This includes the development and revision of Program Support Data (PSD) Sheets, conducting sparing analysis and procurements, supporting OPNAV Sponsor Business Area Manager (BAM) reviews, assessing Performance Based Logistics (PBL) planning impacts, modification to NMT Item Unique Identification (IUID) and Diminishing Manufacturing Sources and Material

Shortages (DMSMS) plans; and supporting SPAWAR 4.0 and PEO C4I APEO(L) supply support data calls and working groups.

5.3.3.1.4 Initial Training

The Contractor shall support the development and Government acceptance of NMT training plans, equipment, products and materials. This includes the development and revision of training equipment specifications, acceptance tests, Training Planning Process Methodologies (TRPPMs)/ Navy Training System Plans (NTSPs), Training System Installation Plans (TSIPs), Training Project Plans (TPPs), and NAVSEA Training (NAVSEATRA)/Sharable Content Object Reference Model (SCORM) compliant and ILE/ IMI curriculum packages.

5.3.3.1.5 Support Documentation

The Contractor shall develop and revise NMT support products and documentation to ensure supportability of the NMT Terminal baseline and the development of ECO/ Field Change support elements throughout the production and fielding phase. This includes NMT Acquisition Logistics Support Plans (ALSPs), Users Logistics Support Summaries (ULSSs), Logistics Requirements and Funding Summaries (LRFs), User's Handbooks, System Technical Manuals, and Failure Mode, Effects, and Criticality Analysis FMECA/ Failure Reporting and Corrective Action (FRACA) analysis.

5.3.3.1.6 Logistics Certification and Assessment

The Contractor shall ensure that NMT Logistics Certification and Assessment Packages are developed and revised to support terminal baseline changes and production/ acquisition milestone decisions.

5.3.3.1.7 Other Related Programs

5.3.3.1.7.1 Logistics Engineering Management

The Contractor shall provide logistics expertise and management services to support the production and fielding PMW-170 "Other Procurement" programs Related to NMT, to include Enhanced Polar Satellite (EPS) Gateway Terminals, AEGIS Ballistic Missile Defense (BMD), Shore BMD, NMT Teleport and Advanced TIP (ATIP). This includes supporting program production reviews, fielding meetings, IPTs and acquisition coordination meetings. The Contractor will develop production support briefs; provide supply and initial training data coordination; support the government review and acceptance of production CLINs/ CDRLs; and conduct business case analysis as required to support the "Other Procurement" NMT related programs.

5.3.3.1.7.2 Support Documentation

The Contractor shall develop NMT support products and technical documentation to support the production and installation of PMW-170 "Other Procurement" programs related to NMT, to include EPS Gateway Terminals, AEGIS BMD, Shore BMD, NMT Teleport and ATIP. This shall include change page development and revisions to Equipment Technical Manuals, User Handbooks, Support/ Sustainment Plans, provisioning documentation, supply support plans, initial training analysis, plans and materials that result from program production, engineering and baseline changes for the NMT other production programs.

5.3.4 Logistics Engineering Management and Support Services

5.3.4.1 Subject Matter Expertise

The Contractor shall provide logistics subject matter expertise and management to: coordinate, monitor and evaluate prime Contractor/ Original Equipment Manufacturer (OEM) logistics CLINs/ CDRLs; develop and update logistics and technical support documentation and initial training plans; conduct spares budgeting and allowance update analysis; ensure that PMW/A-170 logistics and training Key Performance Parameters (KPPs) are met; and manage all logistic elements IAW SPAWARINST 4105.1A/2.

5.3.4.2 Joint Airborne Layer Networking (JALN)

The Contractor shall provide logistics engineering expertise and management services to support JALN procurement planning, installation, and JALN production baseline supportability planning in support JALN Fleet implementation.

The Contractor shall provide the deliverables listed below in accordance with the listed schedule: Deliverables shall be prepared in Contractor format. Performance evaluation will be in accordance with paragraph 6.1 of the PWS.

OPN	Schedule
Trip Report	5 working days after completion of trip
Briefs/Presentations	As Required
Status Report	Monthly
Specification/Requirements Development and Reviews	As Required
Communications Requirements Working Group minutes and action item list	Quarterly
Update CCB Tracker Spreadsheet	Weekly
Update CCB Training Materials	Quarterly
Update Integration Topside Design Process and Requirements Worksheets	As Required
Update Platform Integration Matrices	Monthly
Engineering and Technical Assessments	As Required
Formulate and Track Delivery Plans	As Required
Track GFE/GFI commitments	As Required
Installation/Fielding Plans and Schedules	As Required
Point and Issue Papers	As Required
Recommended Installation changes reports, Installation impact assessment reports and analysis of alternatives report with respect to installation issues	As Required
Reconciliation report of C4I ROADMAP, SHIPMAIN, FRP/C5IMP Fielding Plans with respect to POM and current budget	As Required
Reconciliation report of differences between SPIDER, NC50/60's and FRP for install, and DSA costs and schedules	As Required

planned installation	
Develop ILS Production WIPT Meeting Minutes	Weekly
Develop ILS IPT Meeting Minutes	Weekly
Develop ILSMT Presentation and conduct ILSMT	Annually, as required
Submit ILSMT Meeting Minutes	10 Working Days after completion of ILSMT
Revise Logistics Support Plans	As Required
Revise LRFS to reflect production baseline	Annually, as required
Revise ULSS's to reflect production baseline	As required
Revise LCSP's to reflect changes to production baseline	As Required
Revise PSD Sheets to reflect fielding and installation plan.	Semi-annually, 01 Feb & 01 Aug each FY.
Revise NTSPs	Annually, IAW CMATT
Revise MERs	As required
Revise NMT Ship/ Shore Operator TSIP Phase 2 for CID San Diego, Norfolk and Corry Station	Q1 FY13
Revise NMT Ship/ Shore Operator TSIP Phase 3 for CID San Diego, Norfolk and Corry Station	Q4 FY13
Revise NMT Ship/ Shore Maintainer TSIP Phase 2 for CSCS San Diego and Norfolk	Q1 FY13
Revise NMT Ship/ Shore Maintainer TSIP Phase 3 for CSCS San Diego and Norfolk	Q4 FY13
Revise NMT Submarine Operator TSIP Phase 2 for SLC Groton	Q1 FY13
Revise NMT Submarine Operator TSIP Phase 3 for SLC Groton	Q4 FY13
Revise NMT Submarine Maintainer TSIP Phase 2 for SLC Groton, TTF King's Bay and TTF Bangor, WA	Q1 FY13
Revise NMT Submarine Maintainer TSIP Phase 3 for SLC Groton, TTF King's Bay and TTF Bangor, WA	Q4 FY13
Revise NMT Nomenclatures, EICs, APLs and TMIN assignments.	As required
Develop NMT Production CDRL/ CLIN review comments and Government Acceptance Letters	As required, NLT 5 Working Days after completion of CDRL/ CLIN review.
Develop ILS Certification revisions to support production baseline and fielding plan changes.	As required, NLT A-5 prior to production terminal installations.
Develop NMT CDMD-OA Work Packages to reflect installation baseline and fielding plan changes	As required, NLT A-2 prior to EDM/ LRIP installation.
Conduct review of System and Equipment Technical Manuals result from ECO and product baseline changes	Within 30 Days of OEM Delivery
Revise PMS (MIPS/ MRCs) to support terminal baseline and	Within 45 Days of OEM

platform requirements.	Delivery
Review Production ICDs/ SIDs, SCDs, and SARs.	As required to support production terminal fielding and installation.
Develop Supply Support Business Case Analysis (BCA)	As required
Develop NMT Depot Support and sparing analysis	As required to support facilitization and certification of NMT repair depot.
Revise the NMT Ship/ Shore User's Handbook	As required
Revise the NMT Submarine User's Handbook	As required
Revise HIA Technical Manual	As required
Revise the TIA Technical Manual	As required
Develop NMT Other Procurement Program Meeting Minutes	Weekly, as required
Develop NMT Other Procurement Program Logistics Planning Schedule.	Monthly, as required.
Develop NMT Other Procurement Program ILSMT Presentation and conduct ILSMT	Annually
Submit NMT Other Procurement Program ILSMT Meeting Minutes	10 Working Days after completion of ILSMT
Revise NMT Other Procurement Support Plans	Annually as required
Revise NMT Other Procurement Program LRFSS	Annually, Q2
Revise NMT Other Procurement Program PSD Sheets	Semi-annually, 01 Feb & 01 Aug each FY.
Revise ILS Certification packages to reflect baseline changes to NMT Other Procurement Programs.	As required, NLT A-5 prior to installation.
Conduct sparing analysis to support product baseline changes to NMT Other Procurement Programs.	As required/ directed by other procuring activity.
Develop NMT Other Procurement Program BCA.	As required/ directed by other procuring activity.
Revise NMT Other Procurement Program supportability analysis and recommendations to document product baseline changes.	As required/ directed by other procuring activity.
Revise NMT Other Procurement Program training analysis and recommendations to document product baseline changes.	As required/ directed by other procuring activity.

5.4 Systems Engineering Services (RDT&E)

5.4.1 Technical Director

5.4.1.1 Advice, Analysis, and Engineering

The Contractor shall perform systems analysis and engineering functions related to existing or potential Navy Communications systems and related systems aboard naval ships, submarines and aircraft. Contractor support shall include advising the PMW/A 170 Technical Director (TD) and preparing briefs and documents related to communications theory, communications link margin

analysis, modulation and coding theory, electromagnetic propagation, systems theory, Radio Frequency (RF) electronic devices, phased array antennas, and solid-state physics. The Contractor shall provide recommendations and plans for implementation of advanced Systems Engineering concepts across Navy communications programs, perform analysis of competing technologies, recommend design approaches and technical solutions for Navy Communications systems, and provide technical interface to other PMWs and outside agencies to ensure seamless end-to-end systems integration. The Contractor shall participate in Joint Aerial Layer Network (JALN) and Joint Space Communications Layer (JSCL) efforts as directed by the TD. The Contractor shall conduct and/or participate in trade studies and Analyses-of-Alternatives as directed by the TD. The Contractor shall submit work products and provide recommendations within the timeframe specified by the TD.

5.4.1.2 Systems Architecture Development

The Contractor shall perform management and engineering functions related to system design, communications architecture development and future communications planning in support of PMW/A 170 Front Office. The Contractor shall provide technical advice and assessment to the Communications Program Manager, Technical Director, APM-E, and appropriate APM on technical issues affecting PMW/A 170 PORs and projects in developmental stages. The Contractor shall support acquisition team efforts to develop architectural diagrams required to submit ICDs/CDDs/CPDs and ISPs for all PMW/A 170 PORs. The Contractor shall develop architectural diagrams in accordance with the Department of Defense Architecture Framework (DoDAF). The Contractor shall develop, maintain, and update, as required, the PMW/A 170 platform bandwidth throughput projection and capability products. The Contractor shall perform communications architecture studies, conduct trade studies, provide communications Analysis of Alternatives, perform commercial and military communications analysis, cost benefit analysis and perform link budget analysis for various communications loading alternatives. The Contractor shall interface directly with other SPAWAR elements to coordinate and synchronize activities, assessments, and projections. The Contractor shall support acquisition team efforts to develop products in support PMW/A 170 solicitations. The Contractor shall submit all documentation to the TD for approval within the timeframe specified by the TD.

5.4.1.3 Requirements, Interfaces, and Integration

The Contractor shall provide systems engineering requirements support services required for the integration of baseband and communications products, as well as providing systems engineering support services regarding requirements, interfaces and interface control for all PMW/A 170 systems. The Contractor shall advise the PMW/A 170 TD on all shore-related, teleport, Global Information Grid (GIG), and spacecraft interface and engineering issues and requirements, as well as Automated Digital Network System (ADNS) interfaces. The Contractor shall support data calls and prepare briefs for shore-related communications issues, coordinating between PMW/A 170 and all shore infrastructure activities. The Contractor shall provide technical representation on FORCENet teams and working groups, and conduct coordination with SPAWAR 05, NETWARCOM, Naval Cyber Forces, and OPNAV. The Contractor shall provide the requested engineering expertise for proper management of integration activities as assigned, as well as management of interfaces. The Contractor shall support acquisition team efforts to develop products in support PMW/A 170 solicitations. The Contractor shall submit all

documentation to the TD and appropriate APM for approval in the format and timeframe required.

5.4.1.4 Future Planning

The Contractor shall support development of the Network Centric Warfare (NCW) Roadmap and Master Plan, and coordinate with the PEO C4I platform integration codes (PMW 740, PMW 750, PMW 760, PMW 770, etc.). This includes Program Objective Memorandum (POM) future planning, including requirements and capabilities based terminal migration strategy development. The Contractor shall support development of all data calls, prepare briefs and advise external organizations for all PMW/A 170 communications issues including generating the PMW/A 170 Navy Communications and Navigation Roadmaps and Master Plan for future planning.

5.4.1.5 Spectrum Management

The Contractor shall provide spectrum support for all commercial and military communications Programs of Record (PORs) and projects managed by PMW/A 170. The Contractor shall develop and process Spectrum Allocations Applications (DD1494), J/F (Joint Frequency) 12 papers for Host Nation Coordination, and frequency proposals, as required for each acquisition milestone, for National and International processing and coordination for all PMW/A 170 systems. The Contractor shall coordinate between PMW/A 170, FCC (Federal Communications Commission) Frequency Management Offices, Defense Spectrum Office (DSO), and Shipboard EMC Improvement Panel (SEMCIP) for spectrum coordination issues with respect to PMW/A 170 PORs and projects. The Contractor shall prepare monthly reports detailing the status and issues of all PMW/A 170 programs/projects. The Contractor shall prepare briefings to satisfy PMW/A 170 spectrum requirements. The Contractor shall complete and submit Spectrum Allocation Applications to meet program schedule requirements. All coordination activities with outside offices and departments shall be summarized in the monthly spectrum status report. The Contractor shall support the PMW/A-170 Technical Director and APM-E on all spectrum-related matters.

5.4.1.6 Architecture Development

The Contractor shall provide systems engineering support services and communications system analysis services required for the development of communications architectures described in the Joint Space Communications Layer (JSCL), the Joint Aerial Layer Network (JALN), the Maritime Airborne Layer Network (MALN), the Range of Warfare Command and Control (ROWC2), Anti-Access/Area Denial (A2AD), AEHF Adaptive Coding (AC), Unmanned Aerial Systems, and Aegis Ashore efforts. This includes architecture development, and conducting analysis of alternatives, trade studies, and risk assessment for communications architectural alternatives. It also includes outyear budget planning (POM) and Joint Capabilities Integration and Development System (JCIDS) requirements documentation development. The Contractor shall travel to any meetings/forums necessary to execute the support described in this paragraph. Contractor-prepared briefs, correspondence, white papers, and issue papers shall be submitted and approved by the Technical Director (TD), APM-E, and appropriate APM for content.

5.4.2 Positioning, Navigation, and Timing

5.4.2.1 Global Positioning System (GPS)

5.4.2.1.1 Modernization and GPNTS Development

The Contractor shall provide research design, engineering evaluations and acquisition support to the Global Positioning System (GPS) Modernization and GPS-based Positioning, Navigation, and Timing Service (GPNTS) Navy Shipboard Receiver System (NSRS) development program. Program management, technical expertise, and close program and technical working relationships with the GPS user community and respective NAVSEA and NAVAIR program offices, as well as the GPS Joint Program Office, corresponding service's GPS/navigation program offices and various vendor representatives, is required to ensure optimal GPS UE products for the warfighter on schedule and within budget. To this end, technical expertise in legacy GPS UE, GPS advances (i.e. M-Code, WAGE, PRONAV, SAASM, flex power, crosslink, system integrity, etc.) and development of GPS Concept of Operations (CONOPS) is required to uniquely assist any PMW/A 170 with next generation receiver acquisitions. In-depth experience providing GPS UE acquisition and technical management to Air Force and Army services will be beneficial for supporting the PMW/A 170 GPS UE program. Expert working knowledge of how legacy and modernized GPS is integrated and relates to Navigation Sensor System Interface (NAVSSI), Joint Precision Approach Landing System (JPALS), Advanced Digital Antenna Production (ADAP) and Communication, Navigation, and Surveillance/Air Traffic Management (CNS/ATM) will be essential. The Contractor shall track progress and develop timelines to integrate new requirements and capabilities to future GPS and positioning, navigation and timing (PNT) solutions. The Contractor will participate in trade studies, perform system analyses to support acquisition decisions, assess platform and equipment integration efforts, assist the Assistant Program Manager (APM) in coordinating development efforts with other Navy and DoD program offices, track receiver card development, integration and testing of GPS capabilities and engineering development models. The Contractor shall assist in the development of acquisition documents, strategies, schedules and plans for design, development, integration and testing GPS and PNT systems and components. The Contractor shall assist in developing specifications, proposal and contract requirements for the development of a shipboard replacement GPS receiver and next generation PNT solution. The Contractor shall prepare briefs, presentations, reports and input to acquisition documents and studies as directed by the APM.

5.4.2.1.2 Advanced Digital Antenna Production System (ADAP)

The Contractor shall provide analysis in support of the integration of the Advanced Digital Antenna Production/Frequency Excision Filter (ADAP/FEF) Engineering Development Model (EDM) and other emerging anti-jam antenna systems, and provide subject matter expertise in satisfying new technical requirements to support ADAP Milestone B decision. Contractor analysis and subject matter expertise shall be submitted to the APM in sufficient time to allow for proper review.

5.4.2.1.3 Training

The Contractor shall develop and review GPS training materials. Training to be developed shall consist of one or many practical methods such as hands-on, classroom, field, or computer-based training (CBT). This training is critical to validate the test procedures performed and in the integration of the new GPS receiver user equipment.

5.4.2.1.4 Modernization and GPNTS Development Interface Compatibility

The Contractor shall provide technical support to assist in the development of Technical Requirements Documentation (TRD) and the generation of technology white papers with regards to GPNTS and Modernized User Equipment receiver technology, interfaces, software functionality, and backwards compatibility required for pre-milestone Phase B developments (ie. Test and Evaluation Strategies, System Engineering Plan, Test and Evaluation Master Plan, System Performance Specification, etc.). The Contractor shall submit all documentation within the timeframe specified by the APM. The Contractor shall be an integral member of the PMW/A 170 support teams such as GPNTS Integrated Product Team (IPT), GPNTS Analysis of Alternatives (AOA) Working Group, etc. and provide technical assessment and direction to PMW/A 170 acquisition strategy.

5.4.2.1.5 Technical Support Services

Technical Analysis. The Contractor will create recommendations concerning jam-resistant GPS system updated design, development, test and evaluation.

Technical Verification. The Contractor will verify that requirements for design reviews, technical Interchange Meeting (TIMs) or other design, development and test meetings, as appropriate, are fulfilled.

Technical Guidance. Based upon existing technical expertise, the Contractor will develop recommended guidance on the GPS Modernization program and GPS interface with JPALS, and Security Modernization for the CNS/ATM program.

5.4.2.2 Test and Evaluation

The Contractor shall provide systems engineering project management support and subject matter expertise in support of test and evaluation (T&E) events for the Navigation division. The Contractor shall aid in strategic level technical and interfacing with Commander Operational Test and Evaluation Force (COMOPTEVOR), and OPNAV Code N912 (as directed by Navigation Division PAPM or PMW/A 170 Navigation Chief Engineer or Navigation Division APMs) in accordance with the T&E policies and procedures defined in the DoD 5000. The Contractor shall attend T&E conferences and meetings in support of the program, assist in the coordination and preparation of documentation in support of NAV program test events (i.e., T&E strategies, Test and Evaluation Master Plan (TEMP), and system performance specifications), and provide support in evaluating DoN/DoD statutory and regulatory requirements for T&E events.

5.4.3 Future Satellite Communications

5.4.3.1 NMT

5.4.3.1.1 Risk Management

The Contractor shall provide risk management services for key programmatic decisions to support the Navy Multiband Terminal (NMT). The Contractor shall execute and maintain a comprehensive risk management plan for the NMT Program. The Contractor shall develop, manage, and update a risk database, evaluate and present program risks to NMT senior management that is consistent with current DOD standards. The Contractor shall use their risk management technical knowledge in support of the NMT Program to interface with PMW/A 170

and NMT prime contract personnel. The Contractor shall develop, analyze and submit risk management documentation with mitigation suggestions to the NMT Assistant Program Manager (APM) in accordance with program schedules and milestones.

5.4.3.1.2 Program Advisor

The Contractor shall act as a program advisor for the Navy Multiband Terminal contracts awarded to the NMT prime development contractor, interfacing with the contract COR for programmatic and technical issues. The Contractor shall provide systems engineering management and subject matter expertise for NMT recommendations to support technical and programmatic reviews at the Contractor's facilities. Contractor recommendations shall be submitted to the NMT APM in the approved format to meet review schedules.

5.4.3.1.3 Engineering Development Model (EDM) Production Advisor

The Contractor shall develop a production plan for the Navy Multiband Terminal contracts awarded to the NMT prime development contractor. The Contractor shall interface with the contract Production Engineer for programmatic and technical issues. The Contractor shall provide pre-production engineering management and subject matter expertise for NMT recommendations to support technical and programmatic production reviews at the Contractor's facilities. Contractor recommendations shall be submitted to the NMT APM in the approved format to meet review schedules.

5.4.3.1.4 Sub-Contractor Management

The Contractor shall assist the Navy Multiband Terminal APM with managing prime mission product sub-contractors. The Contractor shall review and track all sub-contractor management plans ensuring approved subcontracting plans are in place, updated as necessary and enforced in accordance with the awarded prime contracts. The Contractor shall support the make-or-buy process, ensuring that specification requirements are being properly flowed down to sub-contractors. The Contractor shall support the surveillance plan and monitor the status of adherence by critical sub-contractors. The Contractor shall provide lead technical expertise to address design to cost, ease of manufacturing, ease of maintenance and most importantly quality of the product. The Contractor shall report directly to the NMT APM on subcontracting issues submitting documentation as necessary for proper subcontract management.

The Contractor shall coordinate with all NMT sub-contractors to assess both manufacturing plans and Design-to-Cost (DTC) with the goal of ease of manufacturing and use of best commercial practices to optimize the transition from development to production.

5.4.3.1.5 RMA/HSI

The Contractor shall provide Reliability, Maintainability and Availability (RMA) and Human System Integration (HSI) engineering services in support of the Navy Multiband Terminal (NMT) to include the review of all applicable Contract Data Requirements List (CDRL) from Original Equipment Manufacturers (OEM) relating to RMA/HSI. This review will be to establish compliance with all NMT contractual requirements. The Contractor shall provide technical expertise to the OEMs to help resolve RMA/HSI and operational and installation issues utilizing approved Governments standards and techniques. The Contractor shall coordinate all RMA/HSI activities with the Government NMT Systems Engineering Team.

5.4.3.1.6 Integrated Data Environment and Coordination Management

The Contractor shall provide management of the Integrated Data Environment (IDE) used on the NMT Program. The Contractor shall serve as the IDE system administrator. The Contractor shall interface with the NMT team to collect system errors or proposed enhancements and interface with the IDE vendor to correct system errors or incorporate IDE enhancements. The Contractor shall maintain coordination and communication tools such as the NMT phone list, calendar, and distribution lists. In addition, the Contractor shall maintain the programs action items and provide status to the NMT APM on an agreed-to frequency.

5.4.3.1.7 Program Management Support

The Contractor shall provide systems engineering program management support and subject matter expertise during NMT contract execution. The Contractor shall aid in strategic level technical and programmatic decision making by interfacing with the NMT APM/DAPM. The Contractor shall understand NMT program management documentation, strategic goals, and long term schedule in order to develop and monitor execution plans that provide recommended solutions to successfully execute NMT acquisition strategy.

5.4.3.1.8 Wideband SATCOM Systems Engineering

The Contractor shall provide technical and management leadership for the design, development, and test to support Wideband SATCOM System Engineering services in support of the Navy Multiband Terminal (NMT). The Contractor shall participate in wideband community forums and joint system definition and requirement generation to ensure that Navy requirements included in all system level documents. The Contractor will conduct engineering review and analysis of technical specifications and documentation to include baseline management and all related technical NMT CDRLs for program and contract performance and mission product impact. The Contractor shall provide systems engineering management and subject matter expertise for NMT recommendations to support technical and programmatic reviews at the Contractor's facilities. Contractor recommendations shall be submitted to the NMT APM in the approved format to meet review schedules.

5.4.3.1.9 Protected SATCOM Systems Engineering

The Contractor shall provide technical and management leadership for the design, development, and test of Protected SATCOM System Engineering services in support of the Navy Multiband Terminal (NMT). The Contractor shall participate in community forums and joint system definition and requirement generation to ensure that Navy requirements included in all system level documents. The Contractor will conduct engineering review and analysis of technical specifications and documentation to include baseline management and all related technical NMT CDRLs for program and contract performance and mission product impact. The Contractor shall provide systems engineering management and subject matter expertise for NMT recommendations to support technical and programmatic reviews at the Contractor's facilities. Contractor recommendations shall be submitted to the NMT APM in the approved format to meet review schedules.

5.4.3.1.10 Security Systems

The Contractor shall coordinate Navy Multiband Terminal (NMT) equipment, Communications Security (COMSEC), software release, and other security related issues with the Program Office (PO) and the National Security Agency (NSA). Contractor coordination efforts shall result in advancing the program and resolving pertinent program issues. The Contractor shall provide a summary of all coordination efforts in the monthly report.

The Contractor shall attend all NMT technical reviews. During these reviews, the Contractor shall provide expert input and recommendations on NMT security issues to PMW/A 170 and the prime Contractor. The Contractor shall review security and system related CDRLs, provide leadership for DITSCAP/DIACAP certification, and support vendor DVT and security certification. The Contractor shall participate in A/EHF and wideband community forums regarding system and NMT security. The Contractor shall ensure all input and recommendations are coordinated with the NMT APM, AEHF community, NSA and NMT prime Contractor.

5.4.3.1.11 Test Engineer

Contractor shall provide technical engineering services regarding all developmental tests in support of the Navy Multiband Terminal (NMT). The Contractor shall engage and provide subject matter expertise in the planning, monitoring and reviewing of all Contractor A/EHF and wideband developmental tests to include reliability growth test, shock and vibration tests, performance tests, software tests and other Government acceptance tests as directed by the APM. The Contractor will interact with the prime Contractor and be onsite as required to witness all developmental tests and to provide oversight and expertise. The Contractor will conduct engineering review and analysis of technical test report documentation to include review all related developmental test CDRLs for the Navy Multiband Terminal. The Contractor shall provide systems engineering management and subject matter expertise for NMT recommendations to support technical and programmatic reviews at the Contractor's facilities. Contractor recommendations shall be submitted to the NMT APM in the approved format to meet review schedules.

5.4.3.1.12 User Representative

The Contractor shall provide technical engineering services in support of the Navy Multiband Terminal in the planning and execution of NMT User Representative Documentation, to include Graphical User Interface (GUI), Concept of Operations (CONOPS), NMT Capabilities and Limitations (CAPS and LIMS), protocol analysis, and others as directed by the APM. The Contractor shall interface with other non-Navy external organizations such as system users to include MILSATCOM Systems Wing (MCSW), Joint Terminal Engineering Office (JTEO), Advanced Extremely High Frequency (AEHF) and Wideband Global SATCOM (WGS), other AEHF terminal program offices (such as SMART-T and FAB-T) and all associated system level working groups to include Interface Control Working Group (ICWG) and sub working groups.

5.4.3.1.13 Advanced TDMA (Time Division Multiple Access) Interface Processor (ATIP)

The Contractor shall provide technical engineering services in support of the Navy Multiband Terminal Advanced TDMA Interface Processor (ATIP) development. The Contractor shall assist in the development of the ATIP requirements. The Contractor shall develop a business case to assist in the overarching ATIP procurement and installation strategy. The Contractor shall interface with the NMT ATIP original equipment manufacturer (OEM) to ensure the design

meets the ATIP requirements and shall review and comment on the OEM's CDRL (technical and programmatic) submissions. The Contractor shall assist in the development of the ATIP CONOPs and integration into the fleet.

5.4.3.1.14 Logistics Engineering

5.4.3.1.14.1 Logistics Engineering Management

The Contractor shall provide logistics engineering subject matter expertise and management services to coordinate, monitor and evaluate the prime Contractor/ Original Equipment Manufacturer's (OEM's) reliability design and analysis, technical documentation, supply, and logistics CLIN/ CDRL deliverables; develop Government letters to support CDRL/ CLIN acceptance; track OEM Contractor logistics management performance as required for prime Contractor reliability incentives; coordinate and manage all NMT logistic engineering elements IAW SPAWARINST 4105.1; support SPAWAR 04 and PEO C4I APEO(L) logistics reviews, data calls, acquisition coordinating events and milestone decision reviews; track the NMT Program Integrated Master Schedule (IMS); coordinate and manage Integrated Logistics Engineering Management Team Meetings (ILEMT); and support NMT IPTs.

5.4.3.1.14.2 Provisioning and Supply

The Contractor shall support OEM development and Government acceptance of NMT provisioning documentation, sparing analysis; coordinate Fleet Onboard Repair Part (OBRP) deliveries in support of NMT platform Development Test (DT) integration; develop Performance Based Logistics (PBL) and Depot Overhaul Point (DOP) support plans and Business Case Analysis; develop a NMT Item Unique Identification (IUID) implementation plan; develop a NMT Diminishing Manufacturing Sources and Material Shortage (DMSMS) plan; and support SPAWAR 4.0 and PEO C4I APEO(L) supply support data calls and working groups.

5.4.3.1.14.3 Training Development

The Contractor shall support the development of NMT OEM training specifications and Training CLIN/ CDRL deliveries, as well as curriculum development Contractor development of NMT Integrated Learning Environment (ILE)/ Interactive Multimedia Instruction (IMI) training packages. The Contractor shall also develop NMT Ship/ Shore and Submarine Navy Training System Plans (NTSPs), Training System Installation Plans (TSIPs), Training Project Plans (TPPs), and Fault Insertion Device (FID) and Operator Interface System (OIS) support packages in support of NMT formal training integration planning at The Center for Information Dominance (CID), Center for Surface Combat Systems (CSCS) and Submarine Learning Center (SLC). The Contractor shall also support the integration planning of ancillary NMT training products and materials at related training sites impacted by NMT to include IT-A School, ICMC, and ISNS courses. The Contractor shall develop training briefs and presentations to support On-the-Job Training (OJT), interim training and schoolhouse training planning and development. The Contractor will coordinate NMT Training Management Team (TMT) meetings with Fleet TYCOM, OPNAV Sponsor and Manpower, Personnel & Training (MP&T) Stakeholders; support SPAWAR 4.0, PEO C4I and APEO(L).

5.4.3.1.14.4 Support Documentation

The Contractor shall develop NMT support products and documentation to include SUH and TIA Technical Manuals and NMT Ship/ Shore and Submarine User Logistics Support Summaries (ULSSs). The Contractor shall also support the OEM development and delivery of system technical manuals, Fault Logic Diagrams (FLDs), and Failure Mode Effects & Criticality Analysis (FMECA).

5.4.3.1.14.5 Logistics Certification and Assessment

The Contractor shall support the development of NMT Ship Control Documents (SCDs), Submarine Alteration Requests (SARs) and Installation Control Drawings (ICDs) to support NMT terminal integration and logistics certification & assessment planning.

5.4.3.1.15 Other Related Programs

5.4.3.1.15.1 Logistics Engineering Management

The Contractor shall provide logistics engineering subject matter expertise and management services to support the development and planning of PMW/A-170 “Other Procurement” programs related to NMT, to include Enhanced Polar Satellite (EPS) Gateway Terminals, AEGIS Ballistic Missile Defense (BMD), Shore BMD, NMT Teleport and Advanced TIP (ATIP). This includes supporting program planning and design reviews, IPTs, specification development and review, and procurement planning and acquisition coordination meetings. The Contractor will develop supporting planning briefs; support data coordination and CDRL development; and conduct sparing business case analysis as required to support the Logistics Engineering and program planning for these “Other Procurement” NMT related programs.

5.4.3.1.15.2 Support Documentation

The Contractor shall develop NMT support products and technical documentation to support PMW/A-170 “Other Procurement” programs related to NMT, to include EPS Gateway Terminals, AEGIS BMD, Shore BMD, NMT Teleport and ATIP. This shall include: Equipment Technical Manuals and User Handbooks; Life Cycle Sustainment Plans (LCSPs); User Logistics Support Summaries (ULSSs); provisioning documentation and supply support plans; related PSD Sheets; and plans and materials.

5.4.4 Logistics Engineering Management and Support Services

5.4.4.1 Joint Airborne Layer Networking (JALN)

5.4.4.1.1 Logistics Management

The Contractor shall provide logistics engineering expertise and management services to support JALN development planning, and JALN development baseline supportability planning in support JALN Fleet implementation.

The Contractor shall provide the deliverables listed below in accordance with the listed schedule: Deliverables shall be prepared in Contractor format. Performance evaluation will be in accordance with paragraph 6.1 of the PWS.

RDT&E	Schedule
------------------	-----------------

Briefs/Presentations	As Required
Funding Management Reports	As Required
Security Briefs/Presentations	As Required
Security Tiger Team Reports	As Required
Technical Capability Briefs/Presentations	As Required
Update Action Item Database	As Required
Update Delivery Schedules	As Required
Update Risk Management Database	As Required
Cost, Schedule and Technical Baselines	As Required
Delivery Schedule Analysis	As Required
Document deviations and shorts	As Required
Draft ICDs and Specifications	As Required
Engineering, planning and scheduling analysis	As Required
Plans of Actions and Milestones (POA&M)	As Required
Technical and Acquisition Documentation Reviews	As Required
Specification/Requirements Development and Reviews	As Required
Terminal Suite ICD Development	As Required
Tradeoff Analysis, Evaluation Studies, Technology Insertion Recommendations, and Technical White Papers	As Required
Communications Architecture studies	As Required
Shore Architecture analysis	As Required
Technical Analysis	As Required
Trip Report/Meeting Minutes	5 working days after completion of trip/meeting
Spectrum Status Report	Monthly
Update/Develop Communications DD1494s	As Required
Update Communications Roadmap	As Required
Analysis of Alternatives	As Required
Link Budget Analysis	As Required
Update Communications ship configuration matrix	As Required
Update Communications terminal to platform matrix	As Required
Track Receiver Card Development, Integration, and Testing	As Required
Develop specifications, proposal, and contract requirements	As Required
Develop NMT Production WIPT Meeting Minutes	Weekly
Develop NMT ILS IPT Meeting Minutes	Weekly
Develop NMT ILEMT Presentation and conduct ILSMT	Annually
Submit NMT ILSET Meeting Minutes	10 Working Days after completion of ILSMT
Develop NMT TMT Presentation and conduct TMT	Annually
Submit NMT TMT Meeting Minutes	10 Working Days after completion of TMT
Develop NMT LCSP	30 Sep 2011
Develop NMT LRFS	Q4 FY11
Develop NMT Ship/ Shore ULSS	Q3 FY11
Develop NMT Submarine ULSS	Q3 FY11

Develop NMT PSD Sheets	Semi-annually, 01 Feb & 01 Aug each FY.
Develop NMT NTSP	Q2 FY11
Develop NMT MER	Q2 FY11
Develop NMT Ship/ Shore Operator TSIP Phase 1 for CID San Diego, Norfolk and Corry Station	Q4 FY11
Develop NMT Ship/ Shore Operator TSIP Phase 2 for CID San Diego, Norfolk and Corry Station	Q4 FY12
Develop NMT Ship/ Shore Operator TSIP Phase 3 for CID San Diego, Norfolk and Corry Station	Q3 FY13
Develop NMT Ship/ Shore Maintainer TSIP Phase 1 for CSCS San Diego and Norfolk.	Q4 FY11
Develop NMT Ship/ Shore Maintainer TSIP Phase 2 for CSCS San Diego and Norfolk	Q4 FY12
Develop NMT Ship/ Shore Maintainer TSIP Phase 3 for CSCS San Diego and Norfolk	Q3 FY13
Develop NMT Submarine Operator TSIP Phase 1 for SLC Groton.	Q4 FY11
Develop NMT Submarine Operator TSIP Phase 2 for SLC Groton	Q4 FY12
Develop NMT Submarine Operator TSIP Phase 3 for SLC Groton	Q3 FY13
Develop NMT Submarine Maintainer TSIP Phase 1 for SLC Groton, TTF King's Bay and TTF Bangor, WA.	Q4 FY11
Develop NMT Submarine Maintainer TSIP Phase 2 for SLC Groton, TTF King's Bay and TTF Bangor, WA	Q4 FY12
Develop NMT Submarine Maintainer TSIP Phase 3 for SLC Groton, TTF King's Bay and TTF Bangor, WA	Q3 FY13
Submit NMT Nomenclature, EIC, APL and TMIN assignments.	As required
Develop NMT CDRL/ CLIN Review Comments and Government Acceptance Letters	As required, NLT 5 Working Days after completion of CDRL/ CLIN review.
Develop Baseline NMT ILS Certifications	As required, NLT A-5 prior to EDM/ LRIP installation.
Submit NMT CDMD-OA Work Packages	As required, NLT A-2 prior to EDM/ LRIP installation.
Complete developmental review of NMT System and Equipment Technical Manuals	Within 30 Days of OEM Delivery
Complete developmental review and NAVSEALOGCEN coordination of NMT OEM Developed Preventive Maintenance System.	Within 45 Days of OEM Delivery
Review Government EDM and LRIP SIDs, SCDs, and SARs.	As required to support EDM/ LRIP installation and develop ILS Certification.
Develop Supply Support BCA	Q4 FY11

Develop NMT Depot Support and sparing analysis	As required to support Depot Planning and DMI requirements.
Develop NMT Ship/ Shore User's Handbook	Q4 FY11
Develop NMT Submarine User's Handbook	Q4 FY11
Develop HIA Technical Manual	Q4 FY11
Develop TIA Technical Manual	Q4 FY11.
Develop NMT Other Procurement Program Meeting Minutes	Weekly, as required
Develop NMT Other Procurement Program Logistics Planning Schedule.	Monthly, as required.
Develop NMT Other Procurement Program ILSMT Presentation and conduct ILSMT	Annually
Submit NMT Other Procurement Program ILSMT Meeting Minutes	10 Working Days after completion of ILSMT
Develop NMT Other Procurement Program LCSP elements	As required/ directed by other procuring activity.
Develop NMT Other Procurement Program LRFSS	Annually, Q2
Develop NMT Other Procurement Program PSD Sheets	Semi-annually, 01 Feb & 01 Aug each FY.
Develop Baseline ILS Certifications for NMT Other Procurement Programs.	As required, NLT A-5 prior to installation.
Develop NMT Other Procurement Program sparing analysis and recommendations.	As required/ directed by other procuring activity.
Develop NMT Other Procurement Program BCA.	As required/ directed by other procuring activity.
Develop NMT Other Procurement Program supportability analysis and recommendations	As required/ directed by other procuring activity.
Develop NMT Other Procurement Program training analysis and recommendations	As required/ directed by other procuring activity.

5.5 Systems Engineering Services (FMS)

5.5.1 Tactical Communications

5.5.1.1 UHF SATCOM

5.5.1.1.1 Case Management Support

The Contractor shall assist in the management of all efforts related to the UHF SATCOM FMS programs, including pre-Letter of Request, requirements definition, development of Price and Availability and Letter of Offer and Acceptance, case implementation, execution and closure, and financial and file management. The Contractor shall ensure the UHF SATCOM FMS programs are developed to comply with the total package approach. The Contractor shall support the UHF SATCOM FMS Case Manager as assigned. The Contractor shall submit the necessary documentation to the UHF SATCOM FMS Case Manager for review and approval within the required timeframe.

5.5.2 Future Satellite Communications

5.5.2.1 NMT

5.5.2.1.1 Contractor IPT Lead

The Contractor shall provide the systems engineering management services and subject matter expertise serving as Contractor lead on the Navy Multiband Terminal Foreign Military Sales (FMS) team. The Contractor shall provide direct programmatic and technical support to the NMT APM and FMS Case Manager. The Contractor shall participate in the all NMT design reviews, Integrated Product Team (IPT) meetings and program reviews as well as International Partner Working Groups and meetings. The Contractor shall provide assistance in the preparation of acquisition documentation, FMS case documentation, project plans and guidance documents, including strategic plans and roadmaps to support the NMT-International Partner Variant (NMT-IPV) program that addresses organizational approaches. The Contractor shall submit IPT meeting minutes, to include action items within five days of the meeting.

5.5.2.1.2 Communications Security

The Contractor shall coordinate Navy Multiband Terminal (NMT) equipment, Communications Security (COMSEC), software release, and other security related issues with the Navy International Program Office (IPO) and the National Security Agency (NSA). Contractor coordination efforts shall result in advancing the program and resolving pertinent program issues. The Contractor shall provide a summary of all coordination efforts in the monthly report. The Contractor shall attend all technical reviews. During these reviews, the Contractor shall provide expert input and recommendations on NMT security issues to PMW/A 170 and prime Contractors. The Contractor shall ensure all input and recommendations are coordinated with the NMT FMS Program Manager, NSA and the NMT prime Contractor.

5.5.2.1.3 Program Coordination

The Contractor shall interface with the Navy Multiband Terminal (NMT) international partners from Canada, Netherlands and the United Kingdom. The Contractor shall review program documentation, plans and contracts to ensure US policies are followed, including foreign disclosure; technical assistance by US and foreign contractors; technology releasability; NSA policy; funding policy and offsets. The Contractor shall identify issues and make recommendations to the NMT FMS Program Manager APM with respect to security issues and federal international export law. The Contractor shall respond to PMW/A 170 concerns and questions, researching applicable guidelines and statutory requirements as necessary for proper program execution.

5.5.2.1.4 Engineering Support

The Contractor shall provide engineering support for the International Partners (Canada, the Netherlands and the United Kingdom) on the NMT-IPV Program engineering team. The Contractor shall be responsible for the review and analysis of OEM Contractor developed specifications and Interface Control Documents (ICD's). The Contractor shall:

- (1) Develop and review NMT IPV engineering documents, as assigned;

- (2) Provide technical expertise in the NMT IPV requirements generation and architecture development processes;
- (3) Assist in performing concept evaluation studies, developing technology insertion recommendations, and generating technical white papers;
- (4) Perform tradeoff analyses to support the development efforts;
- (5) Participate in design reviews and technical interchange meetings associated with the NMT IPV.

The Contractor shall coordinate all requests for support through the NMT FMS Program Manager, APM, ensuring all actions, documentation, reviews and recommendations are in accordance with the NMT-IPV Program and update NMT-IPV Program files for all approved actions and decisions.

5.5.2.1.5 Case Management Support

The Contractor shall manage all processes efforts related to the NMT- International Partner Variant (IPV) Program, including: IP variant cost estimates; IP payment plans; processes and vehicles; IP prime Contractor performance and development specifications; IP variant schedules; and IP variant Integrated Logistics Support (ILS) documents. The Contractor shall ensure the IPV Program provides IP requirements, IP equipment procurement, IP delivery planning and IP installation planning. The Contractor shall document and maintain all NMT IPV Program files. The Contractor shall support the NMT management team as assigned. The Contractor shall answer international partner requests for NMT hardware/services; develop price and availability quotes; draft Letters of Offer and Acceptance in the Defense Security Assistance Management System and develop cost estimates using the USN NMT cost model as a baseline, adding the appropriate Foreign Military Sales (FMS) surcharges. The Contractor shall submit the necessary documentation to the NMT APM FMS Program Manager for review and approval within the required timeframe.

5.5.2.1.6 Logistics Engineering Management

The Contractor shall provide logistics engineering management support for the PMW/A-170 FMS Case Manager and International Partners on the NMT-IPV Program engineering and production teams. This shall include the collection and review of IPV logistics, support and training documentation; support the OEM development and acceptance of NMT IPV logistics, training, provisioning/ supply and technical documentation CLINs/ CDRLs; provide logistics engineering technical expertise and life-cycle support planning; develop NMT IPV support plans and User Handbooks; develop IPV logistics planning briefs; support IPV data calls, meetings and working groups; and track IPV action items. The Contractor shall coordinate all requests for support through the NMT FMS Program Manager, APM ensuring all actions, documentation, reviews and recommendations are in accordance with the NMT-IPV Program.

5.5.2.1.7 Other Related Programs

5.5.2.1.7.1 Logistics Engineering Management

The Contractor shall provide logistics engineering subject matter expertise and management services to support the development and planning of PMW/A-170 “Other Procurement” programs related to NMT, to include Enhanced Polar Satellite (EPS) Gateway Terminals, AEGIS Ballistic Missile Defense (BMD), Shore BMD, NMT Teleport and Advanced TIP (ATIP). This

includes supporting program planning and design reviews, IPTs, specification development and review, and procurement planning and acquisition coordination meetings. The Contractor will develop supporting planning briefs; support data coordination and CDRL development; and conduct sparing business case analysis as required to support the Logistics Engineering and program planning for these “Other Procurement” NMT related programs.

5.5.2.1.7.2 Support Documentation

The Contractor shall develop NMT support products and technical documentation to support PMW/A-170 “Other Procurement” programs related to NMT, to include EPS Gateway Terminals, AEGIS BMD, Shore BMD, NMT Teleport and ATIP. This shall include: Equipment Technical Manuals and User Handbooks; Life Cycle Sustainment Plans (LCSPs); User Logistics Support Summaries (ULSSs); provisioning documentation and supply support plans; related PSD Sheets; and training analysis, plans and materials.

The Contractor shall provide the deliverables listed below in accordance with the listed schedule: Deliverables shall be prepared in Contractor format. Performance evaluation will be in accordance with paragraph 6.1 of the PWS.

FMS	Schedule
Briefs/Presentations	As Required
Funding Management Reports	As Required
International Partner Briefs/Presentations	As Required
Security Briefs/Presentations	As Required
Security Tiger Team Reports	As Required
Technical Capability Briefs/Presentations	As Required
Trip Report	5 working days after completion of trip
Update Action Item Database	As Required
Update Delivery Schedules	As Required
Update Risk Management Database	As Required
Update Risk Management Plan	As Required
Develop NMT FMS IPV IPT Meeting Minutes	Weekly
Develop and conduct NMT FMS IPV L-IPT Presentation	Quarterly
Submit NMT FMS IPV L-IPT Meeting Minutes	5 Working Days after completion of L-IPT
Develop/ Update NMT FMS IPV ILSMT Presentation and conduct ILSMT	Annually
Submit NMT FMS IPV ILSMT Meeting Minutes	10 Working Days after completion of ILSMT
Develop/ Update NMT IPV Terminal Support Plan(s)	As required/ directed by NMT FMS Case Manager.
Develop/ Update NMT IPV LRFS(s)	Annually, as required by NMT FMS Cse Manager.
Develop NMT IPV nomenclature, EIC, APL	As required/ directed by NMT FMS Case

and TMIN requests.	Manager.
Develop/ Revise NMT IPV Provisioning Technical Documentation and PSD Sheets.	As required/ directed by NMT FMS Case Manager.
Develop NMT IPV Baseline ILS Certifications.	As required/ directed by NMT FMS Case Manager.
Develop NMT IPV sparing analysis and recommendations.	As required/ directed by NMT FMS Case Manager.
Develop NMT IPV BCA.	As required/ directed by NMT FMS Case Manager.
Develop NMT IPV supportability analysis and recommendations	As required/ directed by NMT FMS Case Manager.
Develop NMT IPV training analysis and recommendations	As required/ directed by NMT FMS Case Manager.
Develop FMS Meeting Minutes	Weekly, as required
Develop and conduct ILS Presentations	As required
Submit FMS Meeting Minutes	5 Working Days after completion of L-IPT
Develop/ Update FMS Program Support Plan(s)	As required/ directed by FMS Case Manager.
Develop/ Update FMS LRFS(s)	Annually, as required by FMS Case Manager.
Develop/ Revise FMS Provisioning Technical Documentation and PSD Sheets.	As required/ directed by FMS Case Manager.
Develop FMS sparing analysis and recommendations.	As required/ directed by FMS Case Manager.
Develop FMS supportability analysis	As required/ directed by FMS Case Manager.
Develop FMS training analysis and recommendations	As required/ directed by FMS Case Manager.

5.7 Systems Engineering Services (SCN)

5.7.1 Technical Director

The Contractor shall provide systems engineering management support services for the CVN, DDG 51, DDG 1000, JHSV, LHD/LHA/LHA(R), LCS, LPD, MLP, TAKE and USCG Deepwater class ships. Specific hulls will be identified with each funding increment.

5.7.2 Logistics Engineering Management and Services

The Contractor shall provide logistics engineering expertise and technical representation for ILE Acquisition planning and management in support of the modification and/ or development of both PMW/A-170 Program of Record (POR) and non-POR SCN equipment deliveries, installation and testing. This includes supporting NAVSEA PMS and prime Contractor SCN meetings and program reviews; development of SCN program briefs, action item trackers, and ILS status reports; the developmental review of NAVSEA SCN technical documentation, reliability plans, equipment interface documentation, and NAVSEA/ SCN prime Contractor

installation documentation, drawings and support packages; coordinate delivery of PMW/A-170 equipment design and support packages in support of SCN developmental and installation requirements; and review and update PMW/A-170 program specific acquisition and logistics documents to incorporate SCN developmental impacts.

5.8 Systems Engineering Services (APN)

5.8.1 Positioning, Timing, and Navigation

5.8.1.1 GPS

Production scheduling/planning: Services shall include monitoring of GFE/GFI government commitments, evaluating production requirements (including the procurement of long-lead material and review of production material receipt), recommending the distribution of production assets from the prime contractor.

Data Analysis: Contractor shall perform evaluation of production design data, system drawings, and requirement traceability matrixes and production memos and reports, to ensure production deliveries meet production contract specifications.

Project Planning: The Contractor shall review JPALS and GPS programmatic and technical documentation, performance requirements, GPS performance specifications, and identify technology gaps between GPS systems that rely on GPS (ex. JPALS) programs. The Contractor shall assess impacts and determine risks for modifying GPS to meet requirements. The Contractor shall review production documentation and Contractor analysis as it relates to GPS.

Production Planning: The Contractor shall assist the program office and acquisition manager in GPS integration and production planning through creating and tracking of acquisition documentation, acquisition security documentation, review of logistic documentation for milestone decisions integral to the execution of the production program for Air Integration.

5.9 Desired Qualifications for Personnel

It is desired that personnel serving in systems engineering positions have earned engineering degrees from Accreditation Board for Engineering and Technology (ABET)-accredited institutions. For all personnel performing on this task the following additional qualifications are desired:

5.9.1 Junior Grade

- a. Bachelors Degree
- b. 5 years of experience
- c. DAWIA Level I certification or similar in their field
- d. High caliber oral and written skills

5.9.2 Middle Grade

- a. Bachelors Degree
- b. 10 years of experience
- c. DAWIA Level II certification or similar in their field
- d. High caliber oral and written skills

5.9.3 Senior Grade

- a. Masters Degree
- b. 15 years of experience
- c. DAWIA Level III certification or similar in their field
- d. High caliber oral, written, and briefing skills

5.10 Transition

A Kick-Off Meeting will be held no later than 10 business days after contract award. A detailed transition plan will be provided to the government during that meeting.

6.0 DELIVERABLES

In addition to the deliverables in paragraph 5 the Contractor shall provide the deliverables listed below in accordance with the listed schedule:

Deliverables shall be prepared in Contractor format.

ALL	Schedule
Contractor’s Quality Assurance Plan	Within 15 days of Contract and Option Year Award
Update Navy Communications Message	Quarterly
Update PMW/A 170 Tracker/ Watch List	Weekly
PMW/A 170 Briefs/ Presentations	As required
Trip Report/Meeting Minutes	5 working days after completion of trip/event
Update APM Brief/ Presentations for PMW/A 170 Program Reviews	Quarterly, within 5 days of review(s)
Analysis Report	As required

6.1 Performance Evaluation

6.1.1 Quality Assurance Surveillance Plan (QASP)

The QASP (see task order QASP attachment) will be used to monitor performance and to identify the required documentation and the resources to be employed. The QASP provides a means for evaluating whether the Contractor is meeting the performance standards/quality levels identified in the PWS. Under this plan the Government will assess overall Contractor performance.

6.1.2 Contractor Performance Assessment Reporting System (CPARS)

Performance evaluation will be documented in the CPARS for this task order.

7.0 SECURITY

The nature of this task requires access to Top Secret/Sensitive Compartmented Information (SCI) Information for work performed by up to 5 Contractors, on an intermittent basis, will include access to Top Secret/SCI data, information, and spaces. The Contractor will be required to attend meetings classified at the Top Secret/SCI level.

The nature of this task requires access to classified information in accordance with the associated Form DD-254. All personnel performing on this task require access to Secret information.

Note: If foreign travel is required, all outgoing Country/Theater clearance message requests shall be submitted to the SSD SD foreign travel team, OTC2, Rm 1656 for action. A Request for Foreign Travel form shall be submitted for each traveler, in advance of the travel to initiate the release of a clearance message at least 35 days in advance of departure. Each Traveler must also submit a Personal Protection Plan and have a Level 1 Antiterrorism/Force Protection briefing within one year of departure and a country specific briefing within 90 days of departure.

8.0 GOVERNMENT FURNISHED PROPERTY

No Government Furnished Property will be required to perform this Task Order. The Government will provide building access identification badges, and access to appropriate reference material and databases necessary in the performance of this effort. Official Government cell phones are authorized.

9.0 NAVY MARINE CORPS INTRANET (NMCI)

The nature of this task does not require Contractors to procure NMCI seats for personnel working at the Contractor site. The Government will have no more than 10 on-site NMCI seats available to support this task.

10.0 TASK ORDER PROGRAM MANAGEMENT AND ADMINISTRATION:

10.1 Best Practices

Work performed by the Contractor shall provide support and adhere to the PMW/A 170 and SPAWAR command-level "Best Practices" principles and policies incorporated in the SPAWAR Program Manager's Toolkit Acquisition Support Office Guides (1) Acquisition Program Structure Guide; (2) Contract Management Process Guide; (3) Business and Financial Manager's Manual; (4) Program Manager's Handbook; (5) Scheduling Guide; (6) Systems Engineering Guide; (7) Technology Alignment Guide.

10.2 Electronic and Information Technology (EIT) Section 508 Accessibility Standards Determination of Applicability

This requirement has been reviewed and is for EIT. The Contractor shall deliver EIT products that are commercially available and are fully compliant with Section 508 Accessibility Standards (SPAWARINST 5721.1).

10.3 Contractor Employee Identification

For all services provided by the Contractor under this PWS and associated Task Order, the Contractor's employees shall identify themselves as Contractor personnel by introducing themselves or being introduced as Contractor personnel and displaying distinguishing badges or other visible identification for meetings with Government personnel. Additionally, the

Contractor's personnel shall appropriately identify themselves as Contractor employees in telephone conversations and in formal and informal written correspondence.

Appendix 1

Applicable Directives

The following directives are provided as a reference to support the Contractor's performance and Government's acceptance of the products and services identified in this task. The Contractor shall follow the latest applicable policy/ guidance should a listed directive be replaced or superseded:

1. Defense Acquisition Guidebook.
2. ASN RD&A Memorandum: DMSMS Guidebook dated 25-May-05.
3. ASTM D 3951.98: Standard Practice for Commercial Packaging dated 11-Nov-98.
4. ASTM D 4169-05: Practice for Performance Testing of Shipping Containers and Systems.
5. ASTM D3951-98 (2004): Standard Practice for Commercial Packaging dated 1-May-04.
6. ASTM F 1166-95A: Standard Practice for Human Engineering Design for Marine Systems, Equipment, and Facilities.
7. CJCSI 3170.01E: Joint Capabilities Integration and Development System dated 12-Mar-04.
8. CJCSI 3231.01A: Safeguarding the Single Integrated Operational Plan (SOIP) dated 07-Jan-00.
9. CJCSI 6212.01C: Interoperability and Supportability of Information Technology (IT) and National Security Systems (NSS) dated 29-Nov-03.
10. Code of Federal Regulations 47cfr Part 25: Prior Coordination Notifications (PCN).
11. DASN (RD&A) ACQ DON Acquisition and Capabilities Guidebook dated 02-Jul-04.
12. DoD Ver 6: Joint Technical Architecture dated 03-Oct-03.
13. DoD 4100.38-M Department of Defense Provisioning and Other Procurements Screening Manual.
14. DoD 4100.39-M Federal Logistics Information System (FLIS) Procedures Manual dated 01-Oct-07.
15. DoD 4140.1-R Supply Chain Materiel Management Regulation dated 23-May-03.
16. DoD 4151.18-H Depot Maintenance Capacity and Utilization Measurement Handbook dated 10-Mar-07.
17. DoD Form DD1494: Application for Equipment Frequency Allocation.
18. DoDI 4151.19 Serialized Inventory Management (SIM) for Materiel Maintenance dated 26-Dec-06.
19. DoDI 4151.20 Depot Maintenance Core Capabilities Determination Process dated 05-Jan-07.
20. DoDI 4151.21 Depot Source of Repair (DSOR) Determination Process dated 25-Apr-07.
21. DoD 4500.9R Defense Transportation Regulation dated 03-May-04.
22. DoD Instruction 4630.8: Procedures for Interoperability and Supportability of Information Technology (IT) and National Security Systems (NSS) dated 30-Jun-04.
23. DoDD 5000.1 The Defense Acquisition System dated 12-May-03.

24. DoD Instruction 5000.2: Operation of the Defense Acquisition System dated 12-May-03.
25. DoD Regulation 5000.2R: Mandatory Procedures for Major Defense Acquisition Programs dated 05-Apr-02.
26. DoDD 5000.4 Cost Analysis Improvement Group (CAIG) dated 24-Nov-92.
27. DoD Manual 5000.4M: DoDO Manual Cost Analysis Guidance and Procedures dated 01-Dec-92.
28. DoD 5105.38-M Security Assistance Management Manual (SAMM) dated 03-Oct-03.
29. DoD Instruction 5200.4: DoD Information Technology Security Certification and Accreditation Process (DITSCAP).
30. DoDD 8500.1: Information Assurance (IA) dated 24-Oct-02.
31. DUSD (AT&L) Department of Defense Guide to Uniquely Identifying Items Assuring Validation, Accountability and Control of Government Property.
32. DUSD (L&MR) Memo Life Cycle Sustainment Outcome Metrics dated 01-Mar-07.
33. DUSD (L&MR) Memo Public-Private Partnerships for Depot Management dated 30-Jan-02.
34. FED-STD-313D Material Safety Data, Transportation Data, and Disposal Data for Hazardous Materials Furnished to Government Activities dated 03-Apr-96.
35. ITU: International Telecommunications Union (ITU) Radio Regulations.
36. MIL-HDBK-61A(SE) Configuration Management Guidance dated 07-Feb-01.
37. MIL-HDBK-189 Reliability Growth Management dated 13-Feb-81.
38. MIL-HDBK-217F Reliability Prediction of Electronic Equipment dated 02-Dec-91.
39. MIL-HDBK-259 Life Cycle Cost In Navy Acquisitions dated 01-Apr-83. Title Date
40. MIL-HDBK-260 Reference Data for Logistics Metrics dated 07-Mar-97.
41. MIL-HDBK-263B Electrostatic Discharge Control Handbook for Protection of Electrical and Electronic Parts, Assemblies and Equipment.
42. MIL-HDBK-454A General Guidelines for Electronic Equipment dated 03-Nov-00.
43. MIL-HDBK-470A Designing and Developing Maintainable Products and Systems.
44. MIL-HDBK-472 Maintainability Prediction dated 24-May-66.
45. MIL-HDBK-502 DoD Acquisition Logistics Handbook dated 30-May-97.
46. MIL-HDBK-773A Electrostatic Discharge Protective Packaging dated 30-Jun-05.
47. MIL-HDBK-781A Reliability Test Methods, Plans, and Environments for Engineering, Development Qualification, and Production dated 01-Apr-96.
48. MIL-HDBK-1839A Calibration and Measurement Requirements dated 27-Nov-00.
49. MIL-HDBK-29612-1A Guidance for Acquisition of Training Data Products and Services dated 31-Aug-01.
50. MIL-HDBK-29612-2A Instructional Systems Development/Systems Approach to Training and Education dated 31-Aug-01.
51. MIL-P-24534A(Navy) Planned Maintenance System: Development of Maintenance Requirement Cards, Maintenance Index Pages, and Associated Documentation dated 07-May-85.
52. MIL-PRF-29612B Performance Specification Training Data Products dated 31-Aug-01.

53. MIL-PRF-49506 Performance Specification Logistics Management Information dated 11-Nov-96.
54. MIL-S-901D: Requirements for Shock Tests on Shipboard Machinery, Equipment and Systems dated 17-Mar-89.
55. MIL-STD-129P Military Marking for Shipment and Storage dated 10-Feb-04.
56. MIL-STD-130M Identification Marking for U. S. Military Property dated 02-Dec-05.
57. MIL-STD-167-1: Mechanical Vibrations of Shipboard Equipment (For Guidance Only).
58. MIL-STD-196E Joint Electronic Type Designation System Instruction dated 12-May-03.
59. MIL-STD-461: Requirements for the Control of Electromagnetic Interference Emissions and Susceptibility.
60. MIL-STD-781D Reliability Testing for Engineering Development, Qualification, and Production dated 17-Oct-86.
61. MIL-STD-882D Standard Practice for System Safety dated 10-Feb-00.
62. MIL-STD-1472F Design Criteria Standard Human Engineering dated 23-Aug-99.
63. MIL-STD-1839C Standard Practice for Calibration and Measurement Requirements dated 27-Nov-00.
64. MIL-STD-2073-1D DoD Standard Practice for Military Packaging dated 15-Dec-99.
65. NAVSEA/SPAWAR Technical Manual Management Program dated 01-Jul-00.
66. NAVEDTRA 130A Task Based Curriculum Development Manual Volume III Managers Guide of Jul-97.
67. NAVFAC P-80 Facility Planning Factor Criteria for Navy and Marine Corps Shore Installations.
68. NAVMAC Navy Total Force Manpower Requirements Handbook dated 01-Apr-00.
69. NAVPERS 18068F Manual of Navy Enlisted Manpower and Personnel Classifications and Occupations Standards dated 01-Jul-04.
70. NAVSEA Parts User Manual & PSD Desktop Guide.
71. NAVSEA 4734.1B NAVSEA Test, Measurement, and Diagnostic Equipment (TMDE) and Calibration Programs dated 08-Sep-04.
72. NAVSEA 9090-31D: Alterations to Ships Accompanied by Alteration Installation Teams (AITs) dated 04-Feb-04.
73. NAVSO P-3690 Acquisition Logistics for the Rest of Us dated 01-Sep-01.
74. NAVSO P-3692 Independent Logistics Assessment Handbook dated 01-Dec-03.
75. NAVSUP P485: Afloat Supply Procedures dated 03-Aug-05.
76. NAVSUPINST 4420.36B Program Support Data (PSD) for Interim, Initial and Follow-on Secondary Item Requirements dated 14-Aug-98.
77. NAVSUPINST 4423.29 Navy Uniform Source, Maintenance, and Recoverability (SM&R) dated 28-Jun-99.
78. NAVSEALOGCEN CDMD Desk Guide.
79. NTIA: National Telecommunications and Information Systems Administration (NTIA) Manual of Regulations and Procedures for Federal Radio Frequency Management.
80. NPDC NAVEDTRA 43100-6 Personnel Qualification Standards (PQS) Catalog
81. NPRD-95 Non-Electronic Parts Reliability Data.

82. NSWC Standard 98/LE1 Handbook of Reliability Procedures for Mechanical Equipment.
83. OPNAV P-751-1-9-97 Navy Training Requirements Documentation Manual (NTRDM) dated 21-Jul-98.
84. OPNAV P-751-2-9-97 Training Planning Process Methodology (TRPPM) Guide dated 21-Jul-98.
85. OPNAV P-751-3-9-97 Training Planning Process Methodology (TRPPM) Manual dated 21-Jul-98.
86. OPNAVINST 1500.76B Naval Training System Requirements, Acquisition, and Management dated May 2010.
87. OPNAVINST 1540.55 Shipboard Training Enhancement Program (STEP) dated 28-Mar-94.
88. OPNAVINST 3000.12A Operational Availability of Equipments and Weapons Systems dated 02-Sep-03.
89. OPNAVINST 3500.34F Personal Qualification Standards (PQS) Program dated 13-Jun-05.
90. OPNAVINST 3960.16A Navy Test, Measurement, and Diagnostic Equipment (TMDE), Automated Test Systems (ATS), and Metrology and Calibration (METCAL) dated 04-Aug-05.
91. OPNAVINST 4423.4A Provisioning of End Items of Material dated 18-Aug-88.
92. OPNAVINST 4442.5 Readiness Based Sparing (RBS) dated 30-Jun-00.
93. OPNAVINST 4720.2G Fleet Modernization Program (FMP) Policy dated 10-Jun-02.
94. OPNAVINST 4790.4D Ships' Maintenance & Material Management (3-M) System Policy dated 23-Jan-04.
95. OPNAVINST 4790.14A Joint Depot Maintenance Program dated 31-Mar-99.
96. OPNAVINST 4790.16 Condition Based Maintenance (CBM) Policy dated 06-May-98.
97. OPNAVINST 5090.1B Environmental and Natural Resource Program Manual dated 04-Jun-03.
98. OPNAVINST 5100.19E Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat dated 30-Aug-01.
99. OPNAVINST 5100.24B Navy System Safety Program Policy dated 06-Feb-07
100. OPNAVINST S5511.35K: Policy for Safeguarding the Single Integrated Operational Plan (SIOP) dated 01-Jul-98.
101. OPNAVINST 11102.1A Training System Installation and Transfer dated 18-Jul-06.
102. OSD (AT&L) PBL Memo Implementation of Performance Based Logistics dated 13-Feb-02.
103. PEO C4I INST 4081.1: SPAWAR Performance Based Logistics (PBL) Implementation Plan.
104. S1000D International Specification for Technical Publications Utilizing a Common Source Database dated 01-May-05.
105. SECNAVINST 3960.6 Department of the Navy Policy & Responsibility for Test, Measurement, Monitoring, Diagnostic Equipment and Systems, and Metrology and Calibration (METCAL) Program dated 12-Oct-90.

106. SECNAVINST 4105.1A Integrated Logistics Assessment (ILA) and Certification Requirements dated 05-Mar-04.
107. SECNAVINST 5000.2C Implementation and Operation of the Defense Acquisition System and the Joint Capabilities Integration and Development System dated 19-Nov-04.
108. SECNAVINST 5200.39A Participation in the Government-Industry Data Exchange Program (GIDEP) dated 23-Dec-05.
109. SL720-AA-MAN-010 Fleet Modernization Program (FMP) Management and Operations Manual (Rev 2) dated 01-Aug-93.
110. SL720-AA-MAN-020 Fleet Modernization Program (FMP) Management and Operations Manual (Vol 2) dated 01-Aug-93.
111. SL720-AA-MAN-030 Surface Ships and Carriers Entitled Process (EP) for Modernization Management and Operations Manual.
112. SPAWARINST 1500.1: Integrated Battle Force Training (IBFT) Process dated 17-Aug-03.
113. SPAWARINST 1500.2: Consolidated SPAWAR/ PEO Training Process dated 14-Mar-03.
114. SPAWARINST 1500.3:
115. SPAWARINST 1500.4:
116. SPAWARINST 4000.10A Integrated Logistics Support Plan (ILSP) and Operational Logistics Support Summary (OLSS) for Electronics Systems and Equipment dated 01-Jun-81.
117. SPAWARINST 4105.1A Conduct of Logistics Assessment and Certification for Acquisition Programs and Systems.
118. SPAWARINST 4105.2 Integrated Logistics Support Certification Process for SPAWAR Systems Fielded Afloat dated 11-Mar-03.
119. SPAWARINST 4130.5 Handbook for Field Changes and Engineering Changes dated 05-Jan-04.
120. SPAWARINST 4160.3A SPAWAR and PEO C4I and Space Policy, Procedures, and Responsibilities for Technical Manual Management Operations and Life Cycle Support dated 19-Jul-04.
121. SPAWARINST 4400.13A Material Support Date (MSD) Management dated 18-Mar-98.
122. SPAWARINST 4410.1E Procedures for Assigning National Stock Number (NSN) and Cataloging SPAWAR Cognizance Material dated 20-Feb-92.
123. SPAWARINST 4410.4B Policy and Procedures for the Request and Assignment of Military Nomenclatures, Serial Numbers, and Review and Approval of Identification Plate Formats dated 30-Oct-87.
124. SPAWARINST 5200.28: Shore Installation Process Handbook dated 01-Sep-99.
100. USD (A&T) Policy Letter, Implementing Cycle Time Reductions dated 09-Jul-99.
101. USD (AT&L) Guidebook Program Manager's Planning Roadmap for Implementing Item Unique Identification (IUID) Version 1.2 dated 10-Jun-05.
102. USD (AT&L) IUID Memo Policy Update for Item Unique Identification of Tangible Personal Property, Including Government Property in the Possession of Contractors dated 12-May-05.

103. USD (AT&L) Memo Total Life Cycle Systems Management and Performance Based Logistics - Designing and Assessing Supportability in DoD Weapon Systems: A Guide to Increased Reliability and Reduced Logistics Footprint dated 24-Oct-03.le
104. USD (AT&L) Memo Total Life Cycle Systems Management (TLCSM) Metrics dated 22-Nov-05.
105. USD (AT&L) PBL Memo Purchasing Using Performance Based Criteria dated 16-Aug-04.