

2. AMENDMENT/MODIFICATION NO. 45	3. EFFECTIVE DATE 05-Jun-2017	4. REQUISITION/PURCHASE REQ. NO. 81193421982	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY CODE	N66604	7. ADMINISTERED BY (If other than Item 6) CODE	S2404A SCD: C

NUWC, NEWPORT DIVISION
1176 Howell Street, Building 1258
Newport RI 02841-1708

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Lockheed Martin Integrated Systems, LLC 1293 Perimeter Parkway Virginia Beach VA 23454		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. N00178-04-D-4079-N414 10B. DATED (SEE ITEM 13) 27-Jan-2009
CAGE CODE 4FZ81 FACILITY CODE	[X]	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

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

(*)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	D. OTHER (Specify type of modification and authority) BILATERAL: FAR 52.232-22 'Limitation of Funds'; FAR 43.103(a) 'Mutual Agreement of the Parties'

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
SEE PAGE 2

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA
_____ (Signature of person authorized to sign)	01-Jun-2017	BY _____ (Signature of Contracting Officer)
		16C. DATE SIGNED 05-Jun-2017

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GENERAL INFORMATION

NUWCDIVNPT Control #: 172339

NUWCDIVNPT Requisition #: 81193421982

CONTRACTOR'S STATEMENT OF RELEASE: The contractor hereby releases the Government from any and all liability under this task order for further adjustments attributable to contract closeout procedures (as it relates to SLINs 412009 and 612006) as a result of this deobligation.

The purpose of this modification is to:

1. Deobligate funds.
2. Update and revise clauses as detailed below.

SECTION B -

1. Decrease Informational SLIN 412009 from \$59,000.00 by (\$4,105.93) to \$54,894.07.
2. Decrease Informational SLIN 612006 from \$20,000.00 by (\$8,609.33) to \$11,390.67.

SECTION G -

1. LLA (C7/ 412009) is decreased by (\$4,105.93) as a result of this modification.
2. LLA (C7/ 612006) is decreased by (\$8,609.33) as a result of this modification.

SECTION H –

1. Clause 5252.232-9104 'Allotment of Funds' paragraph (c) is updated to include the deobligations SLINs 412009 and 612006.

All other Task Order terms and conditions remain unchanged.

The conformed Task Order is contained in the SeaPort-e Portal and EDA.

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SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

1000 NUWCDIVNPT Code 25, engineering and technical services to support the evolution and deployment of the Submarine Multi-Mission Team Trainer (SMMTT) and related submarine combat system trainer products/systems. \$0.00

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
1100	R425	Base year - OPN funded labor applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.4.1.1, 4.3 (all), 4.4.2, 4.5.1.1, 4.5.2, 4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)					\$556,766.00
110001	R425	A1 \$160,000.00 (OPN)					
110002	R425	A2 \$345,353.97 (\$350,000.00 - \$4,646.03 in Mod 25) (OPN)					
110003	R425	A9 \$51,411.76 - (\$32,588.24) in Mod 10, \$105,000.00 - \$21,000 in Mod 05 (OPN)					
1200	R425	Option 1 - RDT&E funded labor applies to tasks 4.2.1, 4.3 (all), 4.6 (all), 4.7 (all), 4.8 (all) (RDT&E) Option					\$0.00
1300	R425	Option 2 - Ceiling shifted to CLIN 4310 (Fund Type - OTHER) Option					\$0.00
1400	R425	Option 3 - OMN&N funded labor applies to tasks 4.1.4, 4.1.5, 4.1.6, 4.3 (all), 4.4.1.2, 4.4.3, 4.5.1.2, 4.5.4, 4.5.5, 4.6.2, 4.6.4, 4.7.2.2, 4.8.1.2, 4.8.2.2 (O&MN,N) Option					\$0.00
1500	R425	Option 4 - NWCF funded labor applies to tasks 4.2 (all), 4.7 (all) (WCF) Option					\$0.00
1600	R425	Option 5 - FMS funded labor applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (FMS Case #xx-x-xxx) Option					\$0.00

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
3000		Prime and Subcontractor Travel and Materials with applicable burdens excluding fee.			\$0.00
3100	R425	Base year - OPN funded ODC's applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.3 (all), 4.4.1.1, 4.4.2, 4.5.1.1, 4.5.2, 4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)	1.0	LO	\$32,671.00
310001	R425	A1 \$20,000.00 (OPN)			
310002	R425	A2 \$12,156.66 (\$12,336.27 as of Mod 10 - \$179.61 in Mod 25) (OPN)			
3200	R425	Option 1 - RDT&E funded ODC's applies to tasks 4.2.1, 4.3 (all), 4.6 (all), 4.7 (all), 4.8 (all) (RDT&E)	1.0	LO	\$0.00
		Option			
3300	R425	Option 2 - SPDP (FMS Australia) funded ODC's applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (Fund Type - OTHER)	1.0	LO	\$0.00
		Option			
3400	R425	Option 3 - OMN&N funded ODC's applies to tasks 4.1.4, 4.1.5, 4.1.6, 4.3 (all), 4.4.1.2, 4.4.3, 4.5.1.2, 4.5.4, 4.5.5, 4.6.2, 4.6.4, 4.7.2.2, 4.8.1.2, 4.8.2.2 (O&MN,N)	1.0	LO	\$0.00
		Option			
3500	R425	Option 4 - NWCF funded ODC's applies to tasks 4.2 (all), 4.7 (all) (WCF)	1.0	LO	\$0.00
		Option			
3600	R425	Option 5 - FMS funded ODC's applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (FMS Case #xxx-x-xxx)	1.0	LO	\$0.00
		Option			

For Cost Type Items:

4000		NUWCDIVNPT Code 25, engineering and technical services to support the evolution and deployment of the Submarine Multi-Mission Team Trainer (SMMTT) and related submarine combat system trainer products/systems.			\$0.00
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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4110	R425	Option 6 - OPN funded labor applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.3 (all), 4.4.1.1, 4.4.2, 4.5.1.1, 4.5.2, 4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)					\$1,223,352.00
411001	R425	A4 \$20,000.00 (OPN)					
411002	R425	A5 \$45,000.00 (OPN)					
411003	R425	B1 \$1,000,000.00 (OPN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
411004	R425	A9 \$21,000.00 (OPN)					
411005	R425	B4 \$87,290.77 (OPN)					
411006	R425	B6 \$50,061.19 (\$100,000.00 - \$49,938.81 in Mod 25) (OPN)					
4120	R425	Option 12 - OPN funded labor applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.3 (all), 4.4.1.1, 4.4.2, 4.5.1.1, 4.5.2, 4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)					\$1,571,651.27
412001	R425	B7 \$346,000.00 (OPN)					
412002	R425	B8 \$105,000.00 (OPN)					
412003	R425	B9 \$92,000.00 (OPN)					
412004	R425	B7 \$180,000.00 (OPN)					
412005	R425	C4 \$165,000.00 (OPN)					
412006	R425	C5 \$95,000.00 (OPN)					
412007	R425	C4 \$75,000.00 (\$135,000.00 - \$60,000.00 in Mod 26) (OPN)					
412008	R425	C6 \$214,863.00 (OPN)					
412009	R425	C7 \$54,894.07 (\$59,000.00 - \$4,105.93 in mod 45) (OPN)					
412010	R425	C6 \$214,137.00 (OPN)					
412011	R425	C8 \$19,317.39 (\$50,000.00 - \$30,682.61 in mod 34) (OPN)					
4130	R425	Option 18 - OPN funded labor applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.3 (all), 4.4.1.1, 4.4.2, 4.5.1.1, 4.5.2, 4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)					\$339,752.69
413001	R425	C8 \$0.00 (\$85,000.00 - \$85,000.00 in Mod 37) (OPN)					
413002	R425	C6 \$339,752.00 (\$350,000.00 - \$10,248.00 in Mod 34) (OPN)					
4140	R425	Option 24 - OPN funded labor applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.3 (all), 4.4.1.1, 4.4.2, 4.5.1.1, 4.5.2, 4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)					\$1,438,995.85
414001	R425	C9 \$651,000.00 (OPN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
414002	R425	D4 \$729,425.55 (\$787,995.85 - \$58,570.30 in Mod 42)(\$812,000.00 - \$24,004.15 in Mod 37) TI#: TI-4079-N414-FY12-05; FY of Funding: FY12; Customer Code: NUWC 2515; Sponsor: NAVSEA 07TR (OPN)					
4150	R425	Option 30 - OPN funded labor applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.3 (all), 4.4.1.1, 4.4.2, 4.5.1.1, 4.5.2, 4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)					\$1,805,686.00
415001	R425	D7 \$360,682.16 (\$371,029.00 - \$10,346.84 in Mod 37) TI#: TI-4079-N414-FY13-02 Rev. N/A; FY of Funding: FY12; Customer Code: 2515; Sponsor: NAVSEA 07TR (OPN)					
415002	R425	D8 \$101,514.06 (\$102,971.00 - \$1,456.94 in Mod 37) TI#: TI-4079-N414-FY13-01 Rev. N/A; FY of Funding: FY12; Customer Code: 2515; Sponsor: NAVSEA 07TR (OPN)					
415003	R425	E1 \$455,418.00 TI#: TI-4079-N414-FY13-04 Rev. N/A; FY of Funding: FY13; Customer Code: 2515; Sponsor: NAVSEA 07TR (OPN)					
415004	R425	E1 \$19,543.32 (\$19,582.00 - \$38.68 in Mod 42) TI#: TI-4079-N414-FY13-04 Rev. N/A; FY of Funding: FY13; Customer Code: 2515; Sponsor: NAVSEA 07TR (OPN)					
415005	R425	E2 \$426,523.45 (\$431,493.53 - \$4,970.08 in mod 44) (\$432,585.07 - \$1,091.54 in Mod 42)(\$450,000.00 - \$17,414.93 in Mod 37) TI#: TI-4079-N414-FY13-05 Rev. N/A; FY of Funding: FY13; Customer Code: 2515; Sponsor: NAVSEA 07TR (OPN)					
415006	R425	E3 \$427,033.38 (\$434,023.97 - \$6,990.59 in mod 44) (\$435,902.26 - \$1,878.29 in Mod 42) (\$450,000.00 - \$14,097.74 in Mod 37) TI#: TI-4079-N414-FY13-06 Rev. N/A; FY of Funding: FY13; Customer Code: 2515; Sponsor: NAVSEA 07TR (OPN)					
4160	R425	Option 36 - OPN funded labor applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.3 (all), 4.4.1.1, 4.4.2, 4.5.1.1, 4.5.2,					\$1,549,560.87

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)					
416001	R425	E7 \$447,145.58 (\$450,000.00 - \$2,854.42 i Mod 43) TI#: TI-FY14-01, Rev. N/A; FY of Funds: FY13; Customer: NUWC 2515; Sponsor: NAVSEA 07TR (OPN)					
416002	R425	E8 \$331,845.91 (\$366,324.57 - \$4,478.66 in mod 44)\$336,324.57 ((\$340,000.00 - \$3,675.43 in Mod 42) TI#: TI-4079-N414-FY14-05, Rev. N/A; FY of Funds: FY13; Customer: NUWC 2515; Sponsor: NAVSEA 07TR (OPN)					
416003	R425	E9 \$60,271.30 (\$61,439.43 - \$1,168.13 in mod 44) (\$69,500.00 - \$8,060.57 in Mod 42) TI#: TI-4079- N414-FY14-08, Rev. N/A; FY of Funds: FY13; Customer: NUWC 2515; Sponsor: NAVSEA 07TR (OPN)					
416004	R425	F5 \$440,000.00 TI#: TI-FY14-10a, Rev. N/A; FY of Funds: FY14; Customer Code: NUWC 2515; Sponsor: NAVSEA 07TR (OPN)					
416005	R425	F9 \$250,000.00 (FY of funding: 2014, Type of money: OPN, Customer Code: NUWC 2515, Sponsor: NAVSEA 07TR, TI-N00178-04-D4079- N414-FY14-12, Rev. N/A) (OPN)					
4210	R425	Option 7 - RDT&E funded labor applies to tasks 4.2.1, 4.3 (all), 4.6 (all), 4.7 (all), 4.8 (all) (RDT&E)					\$11,296.00
421001	R425	B2 \$7,000.00 (RDT&E)					
421002	R425	B3 \$4,295.02 (\$13,867.98) decreased on Mod 10 (RDT&E)					
4220	R425	Option 13 - RDT&E funded labor applies to tasks 4.2.1, 4.3 (all), 4.6 (all), 4.7 (all), 4.8 (all) (RDT&E)					\$0.00
4230	R425	Option 19 - RDT&E funded labor applies to tasks 4.2.1, 4.3 (all), 4.6 (all), 4.7 (all), 4.8 (all) (RDT&E)					\$340,230.70
423001	R425	D2 \$300,000.00 TI#: TI-4079- N414-FY12-03; FY of Funding: 2012; Customer Code: 2515; Sponsor: NAVSEA 07TR (RDT&E)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
423002	R425	D3 \$10,000.00 TI#: TI-4079- N414-FY12-04; FY of Funding: FY12; Customer Code: NUWC 2515; Sponsor: ONR (RDT&E)					
423003	R425	D5 \$18,173.66 (\$19,125.96 - \$952.30 in mod 44) (\$29,632.70 - \$10,506.74 in Mod 42) (\$35,400.00 - \$5,767.30 in Mod 37) TI#: TI-4079-N414-FY12-06, Rev. N/A; FY of Funding: FY12; Customer Code: NUWC 2515; Sponsor: Submarine Learning Center 00 (RDT&E)					
4240	R425	Option 25 - RDT&E funded labor applies to tasks 4.2.1, 4.3 (all), 4.6 (all), 4.7 (all), 4.8 (all) (RDT&E) Option					\$0.00
4250	R425	Option 31 - RDT&E funded labor applies to tasks 4.2.1, 4.3 (all), 4.6 (all), 4.7 (all), 4.8 (all) (RDT&E)					\$57,712.30
425001	R425	E6 \$8,698.34 (\$9,500.00 - 801.66 in Mod 42) TI#: TI-FY14-03, Rev. N/A; FY of Funds: FY13; Customer: NUWC 2515; Sponsor: NAVSEA 07TR (RDT&E)					
425002	R425	F1 \$20,673.27 (\$20,917.52 - \$244.25 in mod 44) (\$24,500.00 - \$3,582.48 in Mod 42) TI#: TI-4079- N414-FY14-06, Rev. N/A; FY of Funds: FY13; Customer: NUWC 2515; Sponsor: NAVSEA 07TR (RDT&E)					
425003	R425	F2 \$19,078.76 (\$19,500.00 - \$421.24 in Mod 42) TI#: TI-4079- N414-FY14-07, Rev. N/A; FY of Funds: FY13; Customer: NUWC 2515; Sponsor: NAVSEA 07TR (RDT&E)					
425004	R425	F7 \$3,190.20 (\$4,000.00 - \$ 809.80 in Mod 42) FY of Funds: 2013, Type of Money: RDT&E, Customer Code 2515, Sponsor: NAVSEA 07TR, TI-N00178-04-D-4079-N414-FY14-13, Rev. N/A (RDT&E)					
4310	R425	Option 8 - SPDP (FMS Australia) funded labor applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (Fund Type - OTHER)					\$51,661.00
431001	R425	A6 \$25,296.39 (\$35,000.00 - \$9,703.61 in Mod 25) (Fund Type -					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		OTHER)					
431002	R425	B5 \$20,769.48 (\$27,280.52) decreased on Mod 10 (Fund Type - OTHER)					
4320	R425	Option 14 - SPDP (FMS Australia) funded labor applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (Fund Type - OTHER)					\$86,504.00
432001	R425	C3 \$19,500.00 (Fund Type - OTHER)					
432002	R425	C3 \$15,000.00 (Fund Type - OTHER)					
432003	R425	C3 \$50,000.00 (Fund Type - OTHER)					
432004	R425	C3 \$1,300.00 (\$25,000.00 - \$23,700.00 in Mod 26) (Fund Type - OTHER)					
4330	R425	Option 20 - SPDP (FMS Australia) funded labor applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (Fund Type - OTHER)					\$38,864.25
433001	R425	D1 \$29,065.58 (\$30,000.00 - \$934.42) TI#: TI-4079- N414-FY12-02; Type of Money: SPDP; FY of Funding: Non-appropriated Funds; Customer Code: 2515; Sponsor: Royal Australian Navy (Fund Type - OTHER)					
433002	R425	D6 \$8,864.25 (\$10,000.00 - \$1,135.75 in Mod 37) TI#: TI-4079- N414-FY12-07, Rev. N/A; Type of Money: SPDP; FY of Funding: Non-appropriated Funds; Customer Code: 2515; Sponsor: Royal Australian Navy (Fund Type - OTHER)					
433003	R425	D9 \$0.00 (\$10,000.00 - \$10,000.00 in mod 33) TI#: TI-4079- N414-FY13-03, Rev. N/A; Type of Money: SPDP; FY of Funding: Non-appropriated Funds; Customer Code: 2515; Sponsor: Royal Australian Navy (Fund Type - OTHER)					
4340	R425	Option 26 - SPDP (FMS Australia) funded labor applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (Fund Type - OTHER)					\$0.00
		Option					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4350	R425	Option 32 - SPDP (FMS Australia) funded labor applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (Fund Type - OTHER)					\$149,000.95
435001	R425	E4 \$9,500.00 TI#: TI-FY14-04, Rev. N/A; Type of Funds: SPDP; FY of Funds: N/A, non-appropriated; Customer: NUWC 2515; Sponsor: Royal Australian Navy (Fund Type - OTHER)					
435002	R425	E5 \$18,806.59 (\$19,500.00 - \$693.41 in Mod 42) TI#: TI-FY14-02, Rev. N/A; Type of Funds: SPDP; FY of Funds: N/A, non-appropriated; Customer: NUWC 2515; Sponsor: Royal Australian Navy (Fund Type - OTHER)					
435003	R425	F3 \$48,556.95 (\$50,000.00 - \$1,443.05 in Mod 42) TI#: TI-4079-N414-FY14-09, Rev. N/A; FY of Funds: N/A, Non-Appropriated; Customer: NUWC 2515; Sponsor: Royal Australian Navy (Fund Type - OTHER)					
435004	R425	F6 \$27,846.78 (\$29,500.00 - \$1,653.22 in Mod 42) TI#: TI-4079-N414-FY14-11, Rev. N/A; Type of Funds: SPDP, FY of Funds: Non-Appropriated; Customer: NUWC 2515; Sponsor: Royal Australian Navy (Fund Type - OTHER)					
4410	R425	Option 9 - OMN&N funded labor applies to tasks 4.1.4, 4.1.5, 4.1.6, 4.3 (all), 4.4.1.2, 4.4.3, 4.5.1.2, 4.5.4, 4.5.5, 4.6.2, 4.6.4, 4.7.2.2, 4.8.1.2, 4.8.2.2 (O&MN,N)					\$221,032.55
441001	R425	A7 \$165,000.00 (O&MN,N)					
441002	R425	A8 \$56,032.55 (\$59,000.00 - \$2,967.45 in Mod 37) (O&MN,N)					
4420	R425	Option 15 - OMN&N funded labor applies to tasks 4.1.4, 4.1.5, 4.1.6, 4.3 (all), 4.4.1.2, 4.4.3, 4.5.1.2, 4.5.4, 4.5.5, 4.6.2, 4.6.4, 4.7.2.2, 4.8.1.2, 4.8.2.2 (O&MN,N)					\$219,377.50
442001	R425	C1 \$38,000.00 (O&MN,N)					
442002	R425	C2 \$165,377.50 (\$172,000.00 - \$6,622.50 in Mod 37) (O&MN,N)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
442003	R425	C1 \$7,500.00 (O&MN,N)					
442004	R425	C1 \$8,500.00 (O&MN,N)					
4430	R425	Option 21 - OMN&N funded labor applies to tasks 4.1.4, 4.1.5, 4.1.6, 4.3 (all), 4.4.1.2, 4.4.3, 4.5.1.2, 4.5.4, 4.5.5, 4.6.2, 4.6.4, 4.7.2.2, 4.8.1.2, 4.8.2.2 (O&MN,N) Option					\$0.00
4440	R425	Option 27 - OMN&N funded labor applies to tasks 4.1.4, 4.1.5, 4.1.6, 4.3 (all), 4.4.1.2, 4.4.3, 4.5.1.2, 4.5.4, 4.5.5, 4.6.2, 4.6.4, 4.7.2.2, 4.8.1.2, 4.8.2.2 (O&MN,N) Option					\$0.00
4450	R425	Option 33 - OMN&N funded labor applies to tasks 4.1.4, 4.1.5, 4.1.6, 4.3 (all), 4.4.1.2, 4.4.3, 4.5.1.2, 4.5.4, 4.5.5, 4.6.2, 4.6.4, 4.7.2.2, 4.8.1.2, 4.8.2.2 (O&MN,N) Option					\$131,777.00
4510	R425	Option 10 - NWCF funded labor applies to tasks 4.2 (all), 4.7 (all) (WCF) Option					\$0.00
4520	R425	Option 16 - NWCF funded labor applies to tasks 4.2 (all), 4.7 (all) (WCF) Option					\$0.00
4530	R425	Option 22 - NWCF funded labor applies to tasks 4.2 (all), 4.7 (all) (WCF) Option					\$0.00
4540	R425	Option 28 - NWCF funded labor applies to tasks 4.2 (all), 4.7 (all) (WCF) Option					\$0.00
4550	R425	Option 34 - NWCF funded labor applies to tasks 4.2 (all), 4.7 (all) (WCF) Option					\$0.00

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4610	R425	Option 11 - FMS funded labor applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (FMS Case #xx-x-xxx) Option					\$0.00
4620	R425	Option 17 - FMS funded labor applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (FMS Case #xx-x-xxx) Option					\$0.00
4630	R425	Option 23 - FMS funded labor applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (FMS Case #xx-x-xxx) Option					\$0.00
4640	R425	Option 29 - FMS funded labor applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (FMS Case #xx-x-xxx) Option					\$0.00
4650	R425	Option 35 - FMS funded labor applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (FMS Case #xx-x-xxx) Option					\$0.00

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
6000		Prime and Subcontractor Travel and Materials with applicable burdens excluding fee.			\$0.00
6110	R425	Option 6 - OPN funded ODC's applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.3 (all), 4.4.1.1, 4.4.2, 4.5.1.1, 4.5.2, 4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)	1.0	LO	\$66,869.00
611001	R425	A3 \$0.00 (Deobligation Mod 12: From \$1,000.00 by \$1,000.00 to \$0.00) (OPN)			
611002	R425	B1 \$44,348.48 (\$44,512.32 - \$163.84 in Mod 25) (OPN)			
611003	R425	A1 \$13,000.00 (OPN)			
611004	R425	B4 \$9,344.28 (Deobligation Mod 12: From \$10,000.00 by \$655.72 to \$9,344.28) (OPN)			
6120	R425	Option 12 - OPN funded ODC's applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.3 (all), 4.4.1.1, 4.4.2, 4.5.1.1, 4.5.2, 4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)	1.0	LO	\$202,594.00

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
612001	R425	B7 \$6,500.00 (OPN)			
612002	R425	B9 \$32,000.00 (OPN)			
612003	R425	B7 \$20,000.00 (OPN)			
612004	R425	C4 \$111,500.00 (OPN)			
612005	R425	C6 \$11,000.00 (OPN)			
612006	R425	C7 \$11,390.67 (\$20,000.00 - \$8,609.33 in mod 45) (OPN)			
6130	R425	Option 18 - OPN funded ODC's applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.3 (all), 4.4.1.1, 4.4.2, 4.5.1.1, 4.5.2, 4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)	1.0	LO	\$336,807.00
613001	R425	C8 \$15,000.00 (OPN)			
613002	R425	C6 \$318,472.00 (OPN)			
6140	R425	Option 24 - OPN funded ODC's applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.3 (all), 4.4.1.1, 4.4.2, 4.5.1.1, 4.5.2, 4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)	1.0	LO	\$82,951.00
614001	R425	C9 \$76,574.54 (\$80,000.00 - \$3,425.46 in Mod 44) (OPN)			
6150	R425	Option 30 - OPN funded ODC's applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.3 (all), 4.4.1.1, 4.4.2, 4.5.1.1, 4.5.2, 4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)	1.0	LO	\$195,002.00
615001	R425	D7 \$20,000.00 TI#: TI-4079-N414-FY13-03 Rev. N/A; FY of Funding: FY12; Customer Code: 2515; Sponsor: NAVSEA 07TR (OPN)			
615002	R425	D8 \$8,134.54 (\$10,000.00 - \$1,865.46 in Mod 42) TI-4079-N414-FY13-01 Rev. N/A; FY of Funding: FY12; Customer Code: 2515; Sponsor: NAVSEA 07TR (OPN)			
615003	R425	E1 \$75,000.00 TI#: TI-4079-N414-FY13-04 Rev. N/A; FY of Funding: FY13; Customer Code: 2515; Sponsor: NAVSEA 07TR (OPN)			
615004	R425	E2 \$36,400.40 (\$44,000.00 - \$7,599.60 in Mod 42) TI#: TI-4079-N414-FY13-05 Rev. N/A; FY of Funding: FY13; Customer Code: 2515; Sponsor: NAVSEA 07TR (OPN)			
615005	R425	E3 \$38,986.19 (\$39,176.07 - \$189.88 in mod 44) (\$44,000.00 - \$4,823.93 in Mod 42) TI#: TI-4079-N414-FY13-06 Rev. N/A; FY of Funding: FY13; Customer Code: 2515; Sponsor: NAVSEA 07TR (OPN)			
6160	R425	Option 36 - OPN funded ODC's applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.3 (all), 4.4.1.1, 4.4.2, 4.5.1.1, 4.5.2, 4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)	1.0	LO	\$136,134.00
616001	R425	E7 \$44,000.00 TI#: TI-FY14-01, Rev. N/A; FY of Funds: FY13; Customer: NUWC 2515; Sponsor: NAVSEA 07TR (OPN)			
616002	R425	E8 \$500.00 TI#: TI-4079-N414-FY14-05, Rev. N/A; FY of Funds: FY13; Customer: NUWC 2515; Sponsor: NAVSEA 07TR (OPN)			
616003	R425	E8 \$21,221.11 (\$29,500.00 - \$8,278.89 in Mod 42) TI#: TI-4079-N414-FY14-05, Rev. N/A; FY of Funds: FY13; Customer: NUWC 2515; Sponsor: NAVSEA 07TR (OPN)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
616004	R425	E9 \$165.64 (\$500.00 - \$334.36 in Mod 42) TI#: TI-4079-N414-FY14-08, Rev. N/A; FY of Funds: FY13; Customer: NUWC 2515; Sponsor: NAVSEA 07TR (OPN)			
616005	R425	F4 \$29,500.00 TI#: TI-FY14-10b, Rev. N/A; FY of Funds: FY14; Customer Code: NUWC 2515; Sponsor: NAVSEA 07TR (OPN)			
616006	R425	F5 \$500.00 TI#: TI-FY14-10a, Rev. N/A; FY of Funds: FY14; Customer Code: NUWC 2515; Sponsor: NAVSEA 07TR (OPN)			
616007	R425	F9 \$15,000.00 (FY of funding: 2014, Type of money: OPN, Customer Code: NUWC 2515, Sponsor: NAVSEA 07TR, TI-N00178-04-D4079-N414-FY14-12, Rev. N/A) (OPN)			
6210	R425	Option 7 - RDT&E funded ODC's applies to tasks 4.2.1, 4.3 (all), 4.6 (all), 4.7 (all), 4.8 (all) (RDT&E)	1.0	LO	\$785.00
621001	R425	B3 \$754.07 (\$245.93) decreased on Mod 10 (RDT&E)			
6220	R425	Option 13 - RDT&E funded ODC's applies to tasks 4.2.1, 4.3 (all), 4.6 (all), 4.7 (all), 4.8 (all) (RDT&E) Option	1.0	LO	\$0.00
6230	R425	Option 19 - RDT&E funded ODC's applies to tasks 4.2.1, 4.3 (all), 4.6 (all), 4.7 (all), 4.8 (all) (RDT&E)	1.0	LO	\$30,300.00
623001	R425	D2 \$30,000.00 TI#: TI-4079-N414-FY12-03; FY of Funding: 2012; Customer Code: 2515; Sponsor: NAVSEA 07TR (RDT&E)			
6240	R425	Option 25 - RDT&E funded ODC's applies to tasks 4.2.1, 4.3 (all), 4.6 (all), 4.7 (all), 4.8 (all) (RDT&E) Option	1.0	LO	\$0.00
6250	R425	Option 31 - RDT&E funded ODC's applies to tasks 4.2.1, 4.3 (all), 4.6 (all), 4.7 (all), 4.8 (all) (RDT&E)	1.0	LO	\$24,600.00
625001	R425	E6 \$15.14 (\$15.34 - \$0.20 in mod 44) (\$500.00- \$484.66 in Mod 42) TI#: TI-FY14-03, Rev. N/A; FY of Funds: FY13; Customer: NUWC 2515; Sponsor: NAVSEA 07TR (RDT&E)			
625002	R425	F1 \$0.00 (\$500.00 - \$500.00 in Mod 42) TI#: TI-4079-N414-FY14-06, Rev. N/A; FY of Funds: FY13; Customer: NUWC 2515; Sponsor: NAVSEA 07TR (RDT&E)			
625003	R425	F2 \$0.00 (\$500.00 - \$500.00 in Mod 42) TI#: TI-4079-N414-FY14-07, Rev. N/A; FY of Funds: FY13; Customer: NUWC 2515; Sponsor: NAVSEA 07TR (RDT&E)			
625004	R425	F7 \$3,000.00, FY of funding: 2013, Type of Money: RDT&E, Customer Code 2515, Sponsor: NAVSEA 07TR, TI-N00178-04-D-4079-N414-FY14-13, Rev. N/A (RDT&E)			
6310	R425	Option 8 - SPDP (FMS Australia) funded ODC's applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (Fund Type - OTHER)	1.0	LO	\$0.00
631001	R425	A6 \$0.00 (\$1,000.00) decreased on Mod 10 (Fund Type - OTHER)			
631002	R425	B5 \$00.00 (\$500.00) decreased on Mod 10 (Fund Type - OTHER)			
6320	R425	Option 14 - SPDP (FMS Australia) funded ODC's applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (Fund Type - OTHER)	1.0	LO	\$500.00

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
632001	R425	C3 \$500.00 (Fund Type - OTHER)			
6330	R425	Option 20 - SPDP (FMS Australia) funded ODC's applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (Fund Type - OTHER)	1.0	LO	\$500.00
633001	R425	D1 \$0.00 (\$500.00 - \$500.00 in Mod 42) TI#: TI-4079-N414-FY12-02; Type of Money: SPDP; FY of Funding: Non-appropriated Funds; Customer Code: 2515; Sponsor: Royal Australian Navy (Fund Type - OTHER)			
6340	R425	Option 26 - SPDP (FMS Australia) funded ODC's applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (Fund Type - OTHER)	1.0	LO	\$0.00
		Option			
6350	R425	Option 32 - SPDP (FMS Australia) funded ODC's applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (Fund Type - OTHER)	1.0	LO	\$19,000.00
635001	R425	E4 \$0.00 (\$500.00 - \$500.00 in Mod 42) TI#: TI-FY14-04, Rev. N/A; Type of Funds: SPDP; FY of Funds: N/A, non-appropriated; Customer: NUWC 2515; Sponsor: Royal Australian Navy (Fund Type - OTHER)			
635002	R425	E5 \$0.00 (\$500.00 - \$500.00 in Mod 42) TI#: TI-FY14-02, Rev. N/A; Type of Funds: SPDP; FY of Funds: N/A, non-appropriated; Customer: NUWC 2515; Sponsor: Royal Australian Navy (Fund Type - OTHER)			
635003	R425	F6 \$0.00 (\$500.00 - \$500.00 in Mod 42) TI#: TI-4079-N414-FY14-11, Rev. N/A; Type of Funds: SPDP, FY of Funds: Non-Appropriated; Customer: NUWC 2515; Sponsor: Royal Australian Navy (Fund Type - OTHER)			
6410	R425	Option 9 - OMN&N funded ODC's applies to tasks 4.1.4, 4.1.5, 4.1.6, 4.3 (all), 4.4.1.2, 4.4.3, 4.5.1.2, 4.5.4, 4.5.5, 4.6.2, 4.6.4, 4.7.2.2, 4.8.1.2, 4.8.2.2 (O&MN,N)	1.0	LO	\$858.00
641001	R425	A8 \$857.23 (\$142.77) decreased on Mod 10 (O&MN,N)			
6420	R425	Option 15 - OMN&N funded ODC's applies to tasks 4.1.4, 4.1.5, 4.1.6, 4.3 (all), 4.4.1.2, 4.4.3, 4.5.1.2, 4.5.4, 4.5.5, 4.6.2, 4.6.4, 4.7.2.2, 4.8.1.2, 4.8.2.2 (O&MN,N)	1.0	LO	\$48,000.00
642001	R425	C1 \$16,000.00 (O&MN,N)			
642002	R425	C2 \$25,711.65 (\$28,000.00 - \$2,288.35 in Mod 44) (O&MN,N)			
642003	R425	C1 \$4,000.00 (O&MN,N)			
6430	R425	Option 21 - OMN&N funded ODC's applies to tasks 4.1.4, 4.1.5, 4.1.6, 4.3 (all), 4.4.1.2, 4.4.3, 4.5.1.2, 4.5.4, 4.5.5, 4.6.2, 4.6.4, 4.7.2.2, 4.8.1.2, 4.8.2.2 (O&MN,N)	1.0	LO	\$0.00
		Option			
6440	R425	Option 27 - OMN&N funded ODC's applies to tasks 4.1.4, 4.1.5, 4.1.6, 4.3 (all), 4.4.1.2, 4.4.3, 4.5.1.2, 4.5.4, 4.5.5, 4.6.2, 4.6.4, 4.7.2.2, 4.8.1.2, 4.8.2.2 (O&MN,N)	1.0	LO	\$0.00
		Option			
6450	R425	Option 33 - OMN&N funded ODC's applies to tasks 4.1.4, 4.1.5, 4.1.6, 4.3 (all), 4.4.1.2, 4.4.3, 4.5.1.2, 4.5.4, 4.5.5, 4.6.2, 4.6.4, 4.7.2.2, 4.8.1.2, 4.8.2.2 (O&MN,N)	1.0	LO	\$37,000.00

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
		Option			
6510	R425	Option 10 - NWCF funded ODC's applies to tasks 4.2 (all), 4.7 (all) (WCF)	1.0	LO	\$0.00
		Option			
6520	R425	Option 16 - NWCF funded ODC's applies to tasks 4.2 (all), 4.7 (all) (WCF)	1.0	LO	\$0.00
		Option			
6530	R425	Option 22 - NWCF funded ODC's applies to tasks 4.2 (all), 4.7 (all) (WCF)	1.0	LO	\$0.00
		Option			
6540	R425	Option 28 - NWCF funded ODC's applies to tasks 4.2 (all), 4.7 (all) (WCF)	1.0	LO	\$0.00
		Option			
6550	R425	Option 34 - NWCF funded ODC's applies to tasks 4.2 (all), 4.7 (all) (WCF)	1.0	LO	\$0.00
		Option			
6610	R425	Option 11 - FMS funded ODC's applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (FMS Case #xx-x-xxx)	1.0	LO	\$0.00
		Option			
6620	R425	Option 17 - FMS funded ODC's applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (FMS Case #xx-x-xxx)	1.0	LO	\$0.00
		Option			
6630	R425	Option 23 - FMS funded ODC's applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (FMS Case #xx-x-xxx)	1.0	LO	\$0.00
		Option			
6640	R425	Option 29 - FMS funded ODC's applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (FMS Case #xx-x-xxx)	1.0	LO	\$0.00
		Option			
6650	R425	Option 35 - FMS funded ODC's applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (FMS Case #xx-x-xxx)	1.0	LO	\$0.00
		Option			

For Cost Type Items:

7000	NWUCDIVNPT Code 25, engineering and technical services to support the evolution and deployment of the Submarine Multi-Mission Team Trainer (SMMTT) and related submarine combat system trainer products/systems.	\$0.00
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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7170	R425	Option 37 - OPN funded labor applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.4.1.1, 4.3 (all), 4.4.2, 4.5.1.1, 4.5.2, 4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)					\$855,785.97
717001	R425	F8 \$415,500.00 (FY of Funding: 2014, Type of money: OPN, Customer Code: NUWC 2515, Sponsor: NAVSEA 07TR, TI-N00178-04-D-4079-N414-FY15-01, Rev. N/A) (OPN)					
717002	R425	G1 \$344,801.84 (\$375,000.00 - \$30,198.16 in mod 44) (FY of Funding: 2014, Type of money: OPN, Customer Code: NUWC 2515, Sponsor: NAVSEA 07TR, TI-N00178-04-D-4079-N414-FY15-02, Rev. N/A) (OPN)					
7260	R425	Option 38 - RDT&E funded labor applies to tasks 4.2.1, 4.3 (all), 4.6 (all), 4.7 (all), 4.8 (all) (RDT&E) Option					\$33,233.75
7360	R425	Option 39 - SPDP (FMS Australia) funded labor applies to tasks 4.1 (all), 4.3 (all), 4.7 (all), 4.8 (all) (Fund Type - OTHER) Option					\$29,929.45
7460	R425	Option 40 - OMN&N funded labor applies to tasks 4.1.4, 4.1.5, 4.1.6, 4.3 (all), 4.4.1.2, 4.4.3, 4.5.1.2, 4.5.4, 4.5.5, 4.6.2, 4.6.4, 4.7.2.2, 4.8.1.2, 4.8.2.2 (O&MN,N) Option					\$25,627.40

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9000		Prime and Subcontractor Travel and Materials with applicable burdens excluding fee.			\$0.00
9170	R425	Option 37 - OPN funded ODC's applies to tasks 4.1.1, 4.1.2, 4.1.3, 4.2.2, 4.2.3, 4.4.1.1, 4.3 (all), 4.4.2, 4.5.1.1, 4.5.2, 4.5.3, 4.6.1, 4.6.3, 4.7.1, 4.7.2.1, 4.8.1.1, 4.8.2.1 (OPN)	1.0	LO	\$122,241.00
917001	R425	F8 \$30,500.00 (FY of funding: 2014, Type of money: OPN, Customer Code: NUWC 2515, Sponsor: NAVSEA 07TR, TI-N00178-04-D-4079-N414-FY15-01, Rev. N/A) (OPN)			
917002	R425	G1 \$8,162.25 (\$30,000.00 - \$21,837.75 in mod 44)(FY of Funding: 2014, Type of money: OPN, Customer Code: NUWC 2515, Sponsor: NAVSEA 07TR, TI-N00178-04-D-4079-N414-FY15-02, Rev. N/A) (OPN)			

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

HQ B-2-0015 PAYMENTS OF FEE(S) (LEVEL OF EFFORT – ALTERNATE 1) (NAVSEA) (MAY 2010)

- (a) For purposes of this contract, "fee" means "target fee" in cost-plus-incentive-fee type contracts, "base fee" in cost-plus-award-fee type contracts, or "fixed fee" in cost-plus-fixed-fee type contracts for level of effort type contracts.
- (b) The Government shall make payments to the Contractor, subject to and in accordance with the clause in this contract entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE", (FAR 52.216-10), as applicable. Such payments shall be submitted by and payable to the Contractor pursuant to the clause of this contract entitled "ALLOWABLE COST AND PAYMENT" (FAR 52.216-7), subject to the withholding terms and conditions of the "FIXED FEE" or "INCENTIVE FEE" clause, as applicable, and shall be paid fee at the hourly rate(s) specified above per man-hour performed and invoiced. Total fee(s) paid to the Contractor shall not exceed the fee amount(s) set forth in this contract. In no event shall the Government be required to pay the Contractor any amount in excess of the funds obligated under this contract.

HQ B-2-0020 TRAVEL COSTS – ALTERNATE I (NAVSEA) (DEC 2005)

- (a) Except as otherwise provided herein, the Contractor shall be reimbursed for its reasonable actual travel costs in accordance with FAR 31.205-46. The costs to be reimbursed shall be those costs accepted by the cognizant DCAA.
- (b) Reimbursable travel costs include only that travel performed from the Contractor's facility to the worksite, in and around the worksite, and from the worksite to the Contractor's facility.
- (c) Relocation costs and travel costs incident to relocation are allowable to the extent provided in FAR 31.205-35; however, Contracting Officer approval shall be required prior to incurring relocation expenses and travel costs incident to relocation.
- (d) The Contractor shall not be reimbursed for the following daily local travel costs:
 - (i) travel at U.S. Military Installations where Government transportation is available,
 - (ii) travel performed for personal convenience/errands, including commuting to and from work, and
 - (iii) travel costs incurred in the replacement of personnel when such replacement is accomplished for the Contractor's or employee's convenience.

B43S OPTIONS AND BASIC AWARD TERM (JAN 2005)

This task order contains options that, if exercised, would go beyond the current contract period of performance. The Government and the Contractor agree that no option will be exercised that exceeds the contract period of performance.

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

NMCARS Part 5237.102(90) "Enterprise-wide Contractor Manpower Reporting Application (ECMRA) Requirement"

The contractor shall report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the Naval Undersea Warfare Center Division, Newport, RI (N66604) 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 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>.

STATEMENT OF WORK

1.0 Background

The Naval Undersea Warfare Center, Division Newport (NUWC DIVNPT) Code 2515 is the prime developer for the Combat Control (CC) segment of the Submarine Multi-Mission Team Trainer (SMMTT). All related shore-based submarine trainers leverage the SMMTT core simulation/stimulation architecture.

Code 2515 has been assigned the duty of designing, developing, building, installing, upgrading, and maintaining CC simulation components at trainer facilities. Trainer systems include AN/BYG-1, CCS Mk 2 Block 1C, and AN/BSY-1. Initiatives within the AN/BYG-1 configurations include Tactical Insertion (TI) revisions such as TI-04, TI-06, TI-08, etc. These revisions implement upgrades in accordance with the Advanced Processor Build (APB) program.

Code 2515 develops the background and interface simulation to provide Combat Control System environmental stimuli from which Attack Center crews can train. Simulation components include but are not limited to: own ship motion, navigation, target and contact motion, weapons launching and post-launch modeling, acoustics, communications, sensor modeling, and intra-trainer control functions. As such, Code 2515 maintains simulation software developed for trainer applications in accordance with configuration constructs within a managed software development environment.

2.0 Objectives/Scope

The Contractor shall provide engineering and technical services to support the evolution and deployment of SMMTT and related submarine combat system trainer products and systems. Services shall include systems engineering and prototyping, certification and regression testing, verification and validation (V&V), software and hardware configuration management, system administration, system deployment, and program support.

Current SMMTT systems include:

- AN/BYG-1 PROGRAMS, such as: 688 Class, 688i Class, SSGN, Collins, Virginia, and Seawolf simulation development, launchers, sensors, and combat control
- COMBAT CONTROL SYSTEM environment simulations, such as: CCS MK 2, TC/WC APB(T), and Royal Australian Navy (RAN) Replacement Combat System (RCS),
- TRIDENT CCS SYSTEMS, such as: CCS MK 2 Block 1C Mod 3
- SWFTS EMULATION PROGRAMS, such as: OSDS, ACI, BRI, and IT21
- SENSOR interface simulations such as: ARCI acoustic processing, Link-11 and COP communications, radar, and navigation.
- WEAPON AND COUNTERMEASURE simulations, such as: ADCAP, Tomahawk, Harpoon, CBASS, ACOT, NAE, and ADC
- THREAT simulations, such as: hostile and friendly surface, subsurface, and air vehicles
- SYNTHETIC WARFARE SYSTEMS ENGINEERING

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Current system variants include:

- US Submarines, (SSN 688, SSBN, SSGN, Virginia, and Seawolf Classes and variants)
- FMS or ACP platforms such as Collins Class
- Land based facilities, such as team trainers, operator trainers, simulators, scaled-down special purpose mini-SMMTT simulations, and test facilities

This effort will also include variants of SMMTT pertaining to any core derivative architectural component in support of land based test sites and on-board systems used for training purposes.

The services under this task order fit under the following paragraphs in the Seaport-e Basic Contract Statement of Work: 3.2, 3.3, 3.4, 3.5, 3.10, 3.11, 3.12, 3.14, 3.18, 3.20. Applicable Technical Instructions will be issued.

3.0 Government Furnished Information (GFI) / Applicable Documents

3.1 GFI

GFI will be provided as it applies to the platforms and systems identified above. GFI that is applicable to the work to be performed under this task order are listed below.

- a. SMMTT Combat Control System Segment Configuration Block Diagrams
- b. SMMTT System and Hardware Architectural Design Data identifying unit and model numbers to be installed at Submarine Training facilities
- c. SMMTT Program and Delivery Schedules
- d. Software Development Plan (SDP)
- e. Software Test Plan (STP)
- f. Non-proprietary vendor supplied documentation accompanying system equipment
- g. Trainer system design documents and drawings
- h. Architecture Description Document (ADD)
- i. Configuration Management Plan (CMP)
- j. Quality Assurance Plan (QAP)
- k. Software Requirements Specifications (SRS)
- l. Interface Requirements Specifications (IRS)
- m. Program Management Plan (PMP)
- n. Prime Item Development Specification (PIDS)
- o. Military Characteristics (MC)
- p. Interactive Electronic Technical Manuals (IETM)
- q. Training packages
- r. Engineering Drawings
- s. AN/BYG-1 Technical Insertion Engineering Change Proposals (ECP)
- t. AN/BYG-1 Software Product Specifications (SPS)
- u. Firing Craft Procedures Ordnance Document (OD) 44979
- v. Naval Weapons Publications (NWP)
- w. SMMTT Controls and Displays Functional Description Document
- x. System Requirements Review (SRR) data package
- y. Preliminary Design Review (PDR) data package
- z. Critical Design Review (CDR) data package
- aa. Test Readiness Review (TRR) data package
- bb. Problem Trouble Report Review Board (PRB)
- cc. System Level Test Procedures (STPr)
- dd. Telelogic Dynamic Object-Oriented Requirements System (DOORS) requirements database
- ee. Software Product Specification (SPS)
- ff. Memorandum of Understanding (MOU) between United States & Australia

3.2 Applicable DOD/MIL Standard Specifications & Documents

The standards and specifications that are applicable to the work to be performed under this task order are listed below. The latest or revised DOD/MIL standards or specifications apply.

- a. SECNAVINST 5200.32A Open Systems Architecture Guidelines and Standards

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- b. MIL-STD-498 Software Development and Documentation
- c. IEEE 1220-1998 Application and Management of the Systems Engineering Process
- d. MIL-H-46855 Guidance on Human Engineering Factors
- e. MIL-STD-2525B Common Warfighting Symbolology
- f. OPNAVINST 5510.1H CH-5 Department of the Navy Information Security Program Regulation
- g. DOD Directive 8500.1, Information Assurance

4.0 REQUIREMENTS

4.1 Systems Engineering

Objective: Perform systems engineering for Combat Control System trainers and simulation/stimulation development programs. Systems engineering shall encompass requirements analysis, system analysis, system verification and validation, and risk management activities.

Tasks:

4.1.1 Combat Systems Requirements Analysis

The contractor shall analyze and evaluate developmental, notional, and prototype Combat Control Systems (CCS) to determine the impact on trainer and laboratory simulation/stimulation systems. Hardware changes in accordance with 3.1.s, software changes in accordance with 3.1.t, and operational employment changes (i.e. 3.1.u and v) shall be analyzed.

4.1.2 Trainer Systems Requirements Analysis

The contractor shall analyze trainer unique and simulation/stimulation requirements in support of Combat Control System shore-based and on-board training. The contractor shall identify hardware and software technologies and solutions that can be leveraged in architectural changes to simulation/stimulation systems. Hardware defined in 3.1.a, b, g, p, and r, software defined in 3.1.p, t, and w, and Common Object Request Broker Architecture (CORBA), peer-to-peer, High Level Architecture (HLA) standard interface constructs defined in 3.1.l shall be analyzed.

4.1.3 Simulation/Stimulation System Design Analysis

The contractor shall perform systems engineering analysis of proposed trainer and simulation/stimulation system designs. The contractor shall identify shortfalls in the overall system design as it applies to 3.1 k, l, n, and w. Designs to be analyzed by the contractor shall include formal documentation in accordance with 3.1.h, k, and w, formal presentations in accordance with 3.1.x, y, z, aa, and bb, oral discussions conducted during Integrated Product Team (IPT) meetings, Engineering Working Group (EWG) meetings as defined in 3.1.d, I, and m, and discussion points posed in electronic form and software Program Trouble Reports (PTR) defined in 3.1.e.

4.1.4 Simulation/Stimulation System Verification and Validation

The contractor shall assess the correctness, feasibility, operability, and testability of the trainer or simulation/stimulation system configuration and architectural design proposed for each phase of system development. The contractor shall verify that full-scale development configuration items satisfy all system requirements per 3.1.dd. The contractor shall verify and validate (V&V) the trainer design and implementation at each phase of development using configuration identification and configuration items for formal technical review and baseline definition. The contractor shall record and track V&V findings and close out V&V recommendations when the Government has determined that the appropriate action has been taken.

4.1.5 Requirements Analysis and Traceability

The contractor shall perform requirements evaluations and audits of engineering and software development documents defined in 3.1 n, k, w, and cc for trainer and simulation/stimulation systems. The contractor shall record, update, and maintain Government approved system requirements in a requirements analysis database as 3.1.dd. The contractor shall ensure that simulation/stimulation and trainer requirements identified in 3.1.k, l, n, and w are defined in 3.1.dd and that test steps in 3.1.cc demonstrate the functionality of them. The contractor shall modify 3.1.cc to update test steps changes to reflect identified requirements changes.

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4.1.6 Risk Management

The contractor shall perform a monthly analysis of program, technical, cost and schedule risks for trainer and simulation/stimulation development programs in accordance with 3.1.d. Risks shall be recorded, tracked, updated and maintained, inclusive of impact statements and proposed approaches for mitigating each risk.

Performance Standard: Systems engineering tasks conform to disciplined standardized processes specified by the Capability Maturity Model Integration (CMMI) and following 3.1.d. Analysis tasks consider trainees, training instructors, simulation operators or laboratory end user as applicable, system maintenance personnel and maintenance philosophy, development level of effort and requirement need dates.

Deliverables:

4.1.7 Systems Engineering Analysis Reports shall be delivered for tasks 4.1.1, 4.1.2, and 4.1.3 in accordance with CDRL A001.

4.1.8 Documentation review recommendations under task 4.1.4 shall be delivered in accordance with CDRL A002.

4.1.9 System Design Certification Test Procedures under task 4.1.5 shall be delivered in accordance with CDRL A005.

4.2 Simulation Prototypes

Objective: Prototype hardware and software solutions for emerging requirements, new enhancements, and architectural advancement of trainers and simulation/stimulation systems.

Tasks:

4.2.1 Architectural Prototypes

The contractor shall prototype simulation architecture solutions identified in 3.1 h for potential development. Prototypes shall address trainer and simulation architectural objectives such as hardware footprint reduction, virtual machine implementation, simulation processor re-configurability, processor loading optimization, simulation software portability, multiple Combat Control System (CCS) Technical Insertion (TI) and variant baseline supportability, and simulation system start-up optimizations.

4.2.2 Modeling Prototypes

The contractor shall prototype simulation/stimulation and trainer software models for potential development. Prototypes shall address own ship, target, weapon, and sensor modeling objectives such as six degree of freedom object body models, target to tracker correlation models, simulated common weapons models, Automatic Identification System (AIS) models identified in 3.1.k and w as well as address information management of the modeled data for distribution to Combat Control and simulated sensor interfaces and displays identified in 3.1.u, v, and w.

4.2.3 Interoperability Prototypes

The contractor shall prototype software and hardware test tools in order to test software delivered as GFP under 3.1. ee. Prototypes shall address interoperability of warfare and simulation systems such as External Communication Controls (ECC) for distributed simulation participation, Common Operating Picture (COP) simulation, Navy Continuous Training Environment (NCTE) supportability, and collaborative tools for instructors and student war fighters identified in 3.1 n.

Performance Standard: Prototypes are demonstrated to function within the allowable error limits identified in 3.1.e. Prototypes make use of hardware solutions identified 3.1.a and 3.1 h.

Deliverables:

4.2.4 Prototype hardware and software tools developed at the NUWCDIVNPT Combat Systems Laboratory (CSL) shall be delivered in accordance with CDRL A003.

4.2.5 Engineering prototyping reports shall be delivered in accordance with CDRL A004.

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4.3 Test Engineering

Objective: Develop and maintain test procedures for trainer and simulation/stimulation systems. Conduct testing of simulation/stimulation and interfaced systems at all phases of the software development cycle.

Tasks:

4.3.1 Test Procedure Development and Maintenance

The contractor shall develop and maintain system and functional level certification test procedures for trainer and simulation/stimulation systems in accordance with 3.1.d and e. The contractor shall ensure that all testable requirements managed in Task 4.1.5 are incorporated into new or existing certification test procedures. The contractor shall review preliminary and draft trainer software requirements documentation in 3.1 k, l, n, and w, and provide recommended improvements pertaining to the overall systems engineering, operability, and testability of the requirements that have been added, changed, or removed. The contractor shall develop and maintain simulation scenarios to support and facilitate conduct of structured tests in accordance with the requirements of 3.1.c and 3.1.d.

4.3.2 Algorithm Verification Testing

The contractor shall conduct Algorithm Verification Tests (AVT) for newly engineered or significantly altered trainer and simulation/stimulation Computer Software Configuration Items (CSCI) identified in 3.1 h and k. The contractor shall develop and use a test case to conduct each AVT. The contractor shall log all software and system problems encountered during algorithm verification testing.

4.3.3 System Design Certification Testing

The contractor shall conduct System Design Certification Tests (SDCT) for each trainer and simulation/stimulation system software baseline that interfaces with a previously unsupported Combat Control System (CCS), Tactical Insertion (TI), or Variant such as AN/BYG-1(V)2 TI-04 or AN/BYG-1(V)3 TI-06. The contractor shall prepare a Software Requirements Verification Matrix (SRVM) that maps testable requirements to the certification test procedures to be used for conduct of SDCT. The contractor shall prepare a Test Readiness Review (TRR) presentation that details the testability of the system that will undergo SDCT. The TRR shall identify all pertinent test and configuration parameters (e.g. test media, software source lines of code, laboratory to be utilized, hardware limitations and open program trouble report (PTR) counts). All software and system problems encountered during SDCT shall be logged. The contractor shall document SDCT results in a comprehensive SDCT report to include all updated SDCT test logs, test results traced to SRVM requirements, test conclusions (e.g. summary of areas that passed testing and areas where concern lies), description of severity 1 and 2 PTRs encountered, description of any modifications made to the software baseline during SDCT, a summary of the action items generated from SDCT log reviews and their status, and the as-run SDCT schedule.

4.3.4 Regression Testing

The contractor shall conduct system level regression testing of each new simulation/stimulation and trainer software build. Regression testing shall include functional, unit level, and interface testing of software program trouble report (PTR) corrections included in the software build as documented in accordance with 3.1.i. Regression testing shall include retesting for PTRs not reproducible by software developers. All software and system problems encountered during regression testing shall be logged. The status of verified or rejected PTR corrections shall be updated in the PTR database and on each Clearcase Label Move Form as identified in 3.1.i.

4.3.5 Subsystem Integration Testing

The contractor shall conduct system level integration testing with stable simulation/stimulation and trainer baselines when interfacing subsystems have been changed such as new Combat Control System (CCS) software builds, updated subsystems developed by external organizations, SubSkillsNet, Periscope Simulator (PSIM), and Spherical Array Passive Broadband (SAPBB). In particular, the contractor shall identify problems that manifest in trainer and simulation/stimulation systems as a direct result of changes or additions made within the interfacing subsystem(s). Problems shall be reported on PTR forms as defined in 3.1.i. The contractor shall log all software and system problems encountered during subsystem integration testing.

4.3.6 Design Verification Testing

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The contractor shall conduct Design Verification Tests (DVT) in a trainer Engineering Development Model (EDM) laboratory with each trainer software baseline that was designated to be deployable to a shore-based training facility. DVTs shall encompass systems level and longevity testing in each trainer configuration and mode applicable training facilities receiving the software baseline. The contractor shall log all software and system problems encountered during design verification testing. The contractor shall prepare daily site status reports during DVTs in accordance with 3.1.d, e, and i.

4.3.7 Installation Testing

The contractor shall conduct system level installation testing at submarine training facilities. Installation testing shall include system level baseline testing and hardware check-out prior to trainer system upgrades and software installations, system level regression testing following system upgrades, and system level certification and longevity testing to certify trainer operability. The contractor shall log all software and system problems encountered during installation testing. The contractor shall prepare daily site status reports during trainer installations in accordance with 3.1.d, e, and i.

4.3.8 Test Engineering Management

The contractor shall provide briefings and status of all test activities at technical reviews and Integrated Product Team (IPT) meetings. The contractor shall attend test log review meetings to assist in the adjudication of all problems logged during testing. The contractor shall enter all Program Trouble Reports (PTR) determined during log reviews into the project PTR database and update the appropriate test log to indicate the PTR number, projected software build, and software developer assigned. The contractor shall attend PTR Review Board (PRB) meetings to assist in the adjudication of new PTRs and PTR change requests. The contractor shall assign and update PTRs in the database based on PRB decisions. The contractor shall complete action items assigned during IPTs, test log reviews, and PRBs to update test procedures and re-conduct required testing per 3.1.e.

Performance Standard: Test procedures and scenarios are configuration managed in accordance with 3.1.i. Test procedures include all testable requirements identified in 3.1.x. PTR updates and assignments are entered into the project PTR database within seven (7) days of detection.

Deliverables:

- 4.3.9 Certification Test Procedures shall be delivered in accordance with CDRL A005.
- 4.3.10 Documentation review comments shall be delivered in accordance with CDRL A002.
- 4.3.11 SRVMs shall be delivered in accordance with CDRL A006.
- 4.3.12 TRR presentations shall be delivered in accordance with CDRL A007.
- 4.3.13 Test Logs shall be delivered in accordance with CDRL A008.
- 4.3.14 SDCT reports shall be delivered in accordance with CDRL A009.
- 4.3.15 Site status reports shall be delivered in accordance with CDRL A010.

4.4 System Operability

Objective: Operate trainer and simulation/stimulation systems and provide operational support during system demonstrations, trainer utilization events, and designated training events for system operators, instructors, and maintenance personnel.

Tasks:

4.4.1 System Demonstrations

The contractor shall operate trainer and simulation/stimulation systems in support of Government demonstrations (e.g. demos of system capabilities, free-play exercises, reconstruction of Fleet and trainer scenarios, and joint force and warfare system operability demonstrations). Trainer and simulation/stimulation operation shall include start-up of Combat Control Systems and other subsystems interconnected to the simulation infrastructure, exercise initialization, scenario control, replay initialization and control, scenario authoring, and system shutdown.

4.4.1.1 Prototyping Demonstrations

The contractor shall conduct a demonstration of new features provided as prototype systems.

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4.4.1.2 Maintenance Demonstrations

The contractor shall conduct a demonstration of features provided as system maintenance upgrades.

4.4.2 Instructor Evaluation and Training

The contractor shall provide simulation/stimulation and trainer subject matter support during Instructor Evaluation and Training (IET) events at training facilities. The contractor shall teach trainer instructors and operators on how to use the system, advise on the system's modeling and simulation capabilities and limitations, and recommend approaches, techniques, and problem workarounds that facilitate improved scenario management and control. The contractor shall prepare and promulgate daily site status reports during IETs in accordance with 3.1.d, e, and i.

4.4.3 Trainer Utilization Support

The contractor shall provide simulation/stimulation and trainer problem investigation and debug support during Fleet Pre-Deployment Training (PDT), Submarine Command Course (SCC) and related training events at training facilities. The contractor shall provide hands-on operator, instructor, and maintenance level training and investigate system problems that arise during the training event. The contractor shall prepare daily site status reports during trainer utilization events in accordance with 3.1.d, e, and i.

Performance Standard: System limitations resulting from the lack of hardware or hardware deficiencies are brought to the attention of the Government prior to the start of system demos. System problems encountered during trainer utilization events are diagnosed within three (3) days to minimize any interruption in training.

Deliverables:

4.4.4 Site status reports shall be delivered in accordance with CDRL A010.

4.5 Configuration Management

Objective: Configuration management of simulation/stimulation and trainer system software media, hardware and documentation.

Tasks:

4.5.1 Deployed Systems Configuration Management

The contractor shall maintain an asset accounting for deployed simulation/stimulation and trainers that identifies and tracks all software media, hardware, and documentation delivered to trainers and other organizations in accordance with 3.1.i. The accounting shall include document transmittals, DD1149 shipping documents, and spreadsheets/databases as required to track software media, hardware, and documentation as it is delivered.

4.5.1.1 Requirements Upgrade Management

The contractor shall conduct configuration management of new additions to the trainer system based on new system requirements.

4.5.1.2 Maintenance Management

The contractor shall conduct configuration management of maintenance changes to the trainer system.

4.5.2 Development Systems Configuration Management

The contractor shall maintain an asset accounting of developmental simulation/stimulation and trainer laboratory hardware infrastructure and software media in accordance with 3.1.i. Hardware and development infrastructure accounting shall include purchase orders, delivery receipts, DD1149 shipping documents, information assurance accreditation forms and records, an inventory database for both hardware in storage and installed hardware, and Research, Development, Test and Evaluation (RDT&E) laboratory designation forms and records. Software media accounting shall encompass retention copies of deployed system media, developmental build media, infrastructure backup media, and Combat Control System (CCS) and other non-proprietary third-party software used during simulation/stimulation development.

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4.5.3 Classified Material Management

The contractor shall track classified media and documentation holdings for simulation/stimulation and trainer projects. The contractor shall ensure that NUWC Document Control records accurately reflect project classified material holdings and resolve discrepancies by providing appropriate documentation (e.g. transmittals and material destruction notices) to NUWC Document Control.

4.5.4 Documentation Library

The contractor shall maintain a project library of trainer and simulation/stimulation documentation including meeting summaries, calendars, schedules, block diagrams, software and system requirements documentation, delivery documentation, software test procedures and laboratory work requests.

4.5.5 Auditing

The contractor shall conduct physical configuration audits (PCA) to confirm that simulation/stimulation and trainer software baselines, configuration items, configuration management records, and documentation are complete, consistent, and accurate.

Performance Standard: Configuration management tasks conform to Capability Maturity Model Integration (CMMI) and are in accordance with 3.1.i and j.

Deliverables:

4.5.6 Asset accounting reports shall be delivered in accordance with CDRL A011.

4.6 System Administration

Objective: Perform system administration for simulation/stimulation and trainer developmental systems. Create software media for deliveries to training facilities, other external organizations, and system recovery backups. Document software installation procedures.

Tasks:

4.6.1 Media Production

The contractor shall create software build media for all simulation/stimulation and trainer software builds. The contractor shall create working copies of Combat Control System (CCS) software and other trainer and simulation/stimulation subsystem media. For baselines identified by the Government as deliverable builds under 3.1.ee, the contractor shall create delivery copies of all applicable system and subsystem build media. The contractor shall install baseline software onto fixed media (e.g. hard drives and flash cards) for deliveries as 3.1.ee. The contractor shall document software installations with step-by-step build procedures for use in trainer documentation, 3.1.p. The contractor shall create backup copies of all software build media and manage the automated creation of nightly, weekly, and monthly backups of software development systems for disaster recovery purposes.

4.6.2 Baseline Maintenance

The contractor shall install Government designated software builds defined as 3.1.ee in various test bays and laboratories in support of simulation/stimulation and trainer software development, integration, and Test & Evaluation (T&E) activities. The contractor shall install deliverable builds at training facilities, Engineering Development Models (EDM) and other agencies. The contractor shall troubleshoot any issues with the installation of software builds. In disaster recovery situations, the contractor shall restore the most recent software development system baseline using backup media.

4.6.3 Software Administration

The contractor shall build and configure Windows and UNIX based processors in support of trainer and simulation/stimulation software development. The contractor shall administer software development user accounts, install operating system patches, and install software applications defined in 3.1 f on software development systems.

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4.6.4 Information Assurance

The contractor shall monitor the information assurance posture of simulation/stimulation and trainer development systems. The contractor shall manage systems (e.g. apply software patches, upgrade systems, and change operating system and networking parameters) to adhere to NUWC and DoD security requirements and policies defined in 3.2.f, and to respond to DoD Information Assurance Vulnerability Announcements (IAVA) and Information Assurance Vulnerability Bulletins (IAVB) specified in 3.2.g. The contractor shall conduct network vulnerability scans with Government information assurance representatives. The contractor shall track and maintain an accounting of system hardware configurations, operating system and patch levels, information assurance settings, and network connections. The contractor shall review and redline System Security Authorization Agreements (SSAA) to ensure that simulation/stimulation and trainer hardware configuration data is accurately documented.

Performance Standard: Software build media is verification tested prior to delivery to other facilities. Duplicate copies of backup media are stored off-site for disaster recovery purposes. Information assurance modifications are addressed within timeframes established by Naval Network Warfare Command (NNWC) direction to maintain or achieve Authority to Operate (ATO).

Deliverables:

4.6.5 Software installation procedures shall be delivered in accordance with CDRL A012.

4.6.6 SSAA document review comments shall be delivered in accordance with CDRL A002.

4.7 System Deployment

Objective: Prepare documentation for shipping trainer and simulation/stimulation hardware, software media, and documentation to and from training facilities and other organizations.

Tasks:

4.7.1 Hardware Deliveries

The contractor shall prepare DD1149 shipping documents for the shipment of hardware and equipment to and from training facilities and other organizations.

4.7.2 Program Packages

The contractor shall prepare program packages for delivery of simulation/stimulation software media, fixed media (e.g. hard disk drives, flash cards, etc.) and documentation to training facilities and other organizations. Program packages shall include classified and unclassified document transmittals, appropriate delivery media, media labels, NUWC Document Control tracking labels, installation turnover binders, version description documents, and other documentation.

4.7.2.1 New Requirements Packages

The contractor shall provide program packages for new features based on added system requirements.

4.7.2.2 Maintenance Packages

The contractor shall provide program packages for maintenance fixes and upgrades.

Performance Standard: Shipments depart government facilities on agreed upon ship dates in accordance with 3.1.c. Shipment tracking information is communicated to pertinent personnel at destination and departing facilities when it is shipped via government shipping facilities.

Deliverables:

4.7.3 Product delivery summaries shall be delivered in accordance with CDRL A013.

4.8 Program Support

Objective: Maintain project calendars. Prepare meeting handouts and meeting summaries.

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Tasks:

4.8.1 Project Planning Documentation

The contractor shall maintain calendars for simulation/stimulation and trainer development builds and milestones, installation activities, and trainer meetings and events.

4.8.1.1 Requirements Planning Documentation

The contractor shall maintain planning documentation for new system requirements updates.

4.8.1.2 Maintenance Planning Documentation

The contractor shall maintain planning documentation for system maintenance efforts.

4.8.2 IPT Documentation

The contractor shall assemble presentations, agendas, and handouts for trainer and simulation/stimulation Integrated Product Team (IPT) meetings and PTR Review Board (PRB) meetings. The contractor shall attend project meeting in order to gather test information. The contractor shall assemble meeting summaries to document decisions and actions. The contractor shall record, track, and update action items from meetings.

4.8.2.1 New Requirements IPT Documentation

The contractor shall maintain IPT documentation for new system requirements updates.

4.8.2.2 Maintenance IPT Documentation

The contractor shall maintain IPT documentation for system maintenance efforts.

Performance Standard: Project calendars are distributed daily via electronic means to all project team members. Meeting summaries and action items are distributed electronically to all meeting participants and action assignees within five (5) business days of each event.

Deliverables:

4.8.3 Project calendars shall be delivered in accordance with CDRL A014.

4.8.4 Meeting summaries shall be delivered in accordance with CDRL A015.

5.0 Progress Reports

The Contractor for this task order shall provide the Contractor's Funds and Man-hours Expenditure for labor, material, travel, and other charges in accordance with the format, scope and content, and submission and approval described in section C16S Paragraph .b. of the contract.

The contractor shall provide Monthly Progress Reports in accordance with C16S, Cost and Performance Reporting (MAY 2001).

6.0 Quality Surveillance & Performance Standards

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

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

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

C16S COST AND PERFORMANCE REPORTING (OCT 2012)

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

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

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

(1) Access:

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

b) WAWF: See Section G – Clause HQ G-2009 and 252.232-7006.

(2) Format.

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

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

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

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

b) Contractor's Performance Report:

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

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

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

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personnel

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

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

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

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

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

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

(4) Submission and Approval.

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

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

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

C23S FACILITIES (NOV 2010)

(a) The Contractor shall provide liaison office(s) within commuting distance (defined as within 50 miles by surface transportation) of the Naval Undersea Warfare Center Division, Newport. The liaison office(s) shall meet all security requirements and provide controlled access work areas as specified in the DD Form 254 (if attached).

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

C24S SECURITY REQUIREMENTS (OCT 2004)

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

C25S ACCESS TO GOVERNMENT SITE (OCT 2009)

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

Contractor personnel requiring a Common Access Card, access to controlled unclassified information (CUI) and/or user level access to DoN or DoD networks and information systems, system security and network defense systems, or to system resources providing visual access and/or ability to

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input, delete or otherwise manipulate sensitive information without control to identify and deny sensitive information, are required to have a favorably adjudicated NACLCL.

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

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

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

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

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

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

C26S INFORMATION ASSURANCE – UNCLASSIFIED DOD INFORMATION ON NON-DOD INFORMATION SYSTEMS (JUL 2012)

(a) The Contractor shall ensure that unclassified DoD information it receives or produces in support of DoD activities is protected according to the information safeguards described in DoD Instruction 8582.01 – Security of Unclassified DoD Information on Non-DoD Information Systems, which is available at the following web address: <http://www.dtic.mil/whs/directives/corres/pdf/858201p.pdf>

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

(c) Contractor personnel that have not been briefed on DoD Instruction 8582.01 – Security of Unclassified DoD Information on Non-DoD Information Systems shall be denied access contractor systems that contain unclassified DoD information.

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

C55S SOFTWARE DEVELOPMENT REQUIREMENTS (NAVSEA) (DEC 2006)

(a) The contractor shall define a general Software Development Plan (SDP) appropriate for the computer software

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effort to be performed under this contract. The SDP shall, at a minimum:

- (1) Define the contractor's proposed life cycle model and the processes used as a part of that model. In this context, the term "life cycle model" is as defined in IEEE/EIA Std. 12207.0;
 - (2) Contain the information defined by IEEE/EIA Std. 12207.1, section 5.2.1 (generic content) and the Plans and Procedures in Table 1 of IEEE/EIA Std. 12207.1. In all cases, the level of detail shall be sufficient to define all software development processes, activities, and tasks to be conducted;
 - (3) Identify the specific standards, methods, tools, actions, strategies, and responsibilities associated with development and qualification;
 - (4) Document all processes applicable to the system to be acquired, including the Primary, Supporting, and Organizational life cycle processes as defined by IEEE/EIA Std. 12207 as appropriate. Such processes shall be equivalent to those articulated by CMMI@;
 - (5) Include the content defined by all information items listed in Table 1 of IEEE/EIA Std. 12207.1, as appropriate for the system and be consistent with the processes proposed by the developers;
 - (6) Adhere to the characteristics defined in section 4.2.3 of IEEE/EIA Std. 12207, as appropriate;
 - (7) Describe the overall life cycle and include primary, supporting, and organizational processes based on the work content of this contract;
 - (8) Be in accordance with the framework defined in IEEE/EIA Std. 12207.0, including, but not limited to, defining the processes, the activities to be performed as a part of the processes, the tasks which support the activities, and the techniques and tools to be used to perform the tasks;
 - (9) Contain a level of information sufficient to allow the use of the SDP as the full guidance for the developers. In accordance with section 6.5.3a of IEEE/EIA Std. 12207.1, such information shall at a minimum contain, specific standards, methods, tools, actions, reuse strategy, and responsibility associated with the development and qualification of all requirements, including safety and security.
- (b) The SDP shall be delivered to the Government for concurrence under CDRL A00x and shall not vary significantly from that proposed to the Government for evaluation for award. The contractor shall follow the Government concurred with SDP for all computer software to be developed or maintained under this effort. Any changes, modifications, additions or substitutions to the SDP also require prior Government concurrence.

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SECTION D PACKAGING AND MARKING

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

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

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

ORDER NUMBER: (from Task Order Block 2)

REQUISITION NUMBER: (from Task Order General Information Section)

D12S MARKING OF SHIPMENTS - DEFENSE ITEMS (JUN 2004)

Marking shall be in accordance with MIL-STD-129, "Marking of Shipment and Storage". Additional markings required are stated below: (If None, so state)

TCN:

PRI:

RDD:

PROJ:

TO:

OVERSEAS ADDRESS:

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

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

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

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

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

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

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

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

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

D24S PROHIBITED PACKING MATERIALS (JUN 2004)

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

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SECTION E INSPECTION AND ACCEPTANCE

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

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

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

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

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

Item(s) 1000 and 4000 and 7000 Series CLINs - Inspection and acceptance shall be made by the Contracting Officer's Representative (COR) or a designated representative of the Government.

HQ E-2-0014 QUALITY IN SOFTWARE DEVELOPMENT AND PRODUCTION (NAVSEA) (MAY 1995)

Quality in Software Development and Production: The contractor's software quality program shall be an integral part of the overall Quality Assurance Program. Software quality program controls shall be applicable to all project software that is developed, maintained, or modified within the following categories:

- (a) All deliverable software
- (b) All deliverable software that is included as part of deliverable hardware or firmware.
- (c) Non deliverable software (commercially available or user-developed) used for development, fabrication, testing, or acceptance of deliverable software or hardware (includes automated fabrication, test, and inspection/acceptance equipment software and software design, test, and inspection tools).
- (d) Commercially available, reusable, or Government software designated as part of a deliverable item.

HQ E-2-0015 QUALITY MANAGEMENT SYSTEM REQUIREMENTS (NAVSEA) (SEP 2009)

Quality Management System Requirements. The Contractor shall provide and maintain a quality management system that, as a minimum, adheres to the requirements of ANSI/ISO/ASQ 9001-2008 Quality Management Systems and supplemental requirements imposed by this contract. The quality management system procedures, planning, and all other documentation and data that comprise the quality management system shall be made available to the Government for review. Existing quality documents that meet the requirements of this contract may continue to be used. The Government may perform any necessary inspections, verifications, and evaluations to ascertain conformance to requirements and the adequacy of the implementing procedures. The Contractor shall require of subcontractors a quality management system achieving control of the quality of the services and/or supplies provided. The Government reserves the right to disapprove the quality management system or portions thereof when it fails to meet the contractual requirements.

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SECTION F DELIVERABLES OR PERFORMANCE

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

1100	1/27/2009 - 9/30/2009
3100	1/27/2009 - 9/30/2009
4110	7/10/2009 - 7/9/2010
4120	7/10/2010 - 7/9/2011
4130	7/10/2011 - 9/30/2011
4140	10/1/2011 - 9/30/2012
4150	10/1/2012 - 9/30/2013
4160	10/1/2013 - 9/30/2014
4210	8/26/2009 - 9/30/2009
4220	10/1/2010 - 9/30/2011
4230	2/29/2012 - 9/30/2012
4250	10/1/2013 - 9/30/2014
4310	7/10/2009 - 7/9/2010
4320	11/28/2010 - 9/30/2011
4330	2/22/2012 - 9/30/2012
4350	10/1/2013 - 9/30/2014
4410	7/10/2009 - 9/30/2009
4420	7/10/2010 - 9/30/2010
6110	7/10/2009 - 7/9/2010
6120	7/10/2010 - 9/30/2010
6130	7/10/2011 - 9/30/2011
6140	10/1/2011 - 9/30/2012
6150	10/1/2012 - 9/30/2013
6160	10/1/2013 - 9/30/2014
6210	8/26/2009 - 9/30/2009
6230	2/29/2012 - 9/30/2012
6250	10/1/2013 - 9/30/2014
6310	7/10/2009 - 7/9/2010
6320	11/29/2010 - 9/30/2011
6330	2/22/2012 - 9/30/2012
6350	10/1/2013 - 9/30/2014
6410	7/10/2009 - 9/30/2009
6420	7/10/2010 - 9/30/2010
7170	10/1/2014 - 3/24/2015
9170	10/1/2014 - 3/24/2015

NOTE: The above table is system generated. In the case of any conflict between the above table and Clause F1S below, Clause F1S governs.

F1S PERIOD OF PERFORMANCE (JUN 2010)

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

CLIN	Funding Type	Base or Option #	Performance Period
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1100 & 3100	OPN	Base	1/27/09 - 7/9/09
1200 & 3200	RDT&E	Option 1	1/27/09 - 9/30/09*
1300 & 3300	SPDP	Option 2	NOT EXERCISED
1400 & 3400	OMN&N	Option 3	NOT EXERCISED
1500 & 3500	NWCF	Option 4	1/27/09 - 9/30/09*
1600 & 3600	FMS	Option 5	1/27/09 - 9/30/09*
4110 & 6110	OPN	Option 6	7/10/09 - 7/09/10
4210 & 6210	RDT&E	Option 7	8/26/09 - 9/30/09
4310 & 6310	SPDP	Option 8	7/10/09 - 7/09/10
4410 & 6410	OMN&N	Option 9	7/10/09 - 9/30/09
4510 & 6510	NWCF	Option 10	10/1/09 - 9/30/10*
4610 & 6610	FMS	Option 11	10/1/09 - 9/30/10*
4120 & 6120	OPN	Option 12	7/10/10 - 7/09/11
4220 & 6220	RDT&E	Option 13	10/1/10 - 9/30/11*
4320 & 6320	SPDP	Option 14	11/29/10 - 11/28/11
4420 & 6420	OMN&N	Option 15	7/10/10 - 7/09/11
4520 & 6520	NWCF	Option 16	10/1/10 - 9/30/11*
4620 & 6620	FMS	Option 17	10/1/10 - 9/30/11*
4130 & 6130	OPN	Option 18	7/11/11 - 9/30/11
4230 & 6230	RDT&E	Option 19	2/29/12 - 2/28/13
4330 & 6330	SPDP	Option 20	2/29/12 - 12/31/12
4430 & 6430	OMN&N	Option 21	7/10/11 - 7/09/12*
4530 & 6530	NWCF	Option 22	10/1/11 - 9/30/12*
4630 & 6630	FMS	Option 23	10/1/11 - 9/30/12*
4140 & 6140	OPN	Option 24	10/1/11 - 9/30/12
4240 & 6240	RDT&E	Option 25	02/29/13 - 9/30/13*
4340 & 6340	SPDP	Option 26	01/01/13 - 9/30/13*
4440 & 6440	OMN&N	Option 27	10/1/12 - 9/30/13*
4540 & 6540	NWCF	Option 28	10/1/12 - 9/30/13*
4640 & 6640	FMS	Option 29	10/1/12 - 9/30/13*
4150 & 6150	OPN	Option 30	10/1/12 - 9/30/13
4250 & 6250	RDT&E	Option 31	10/1/13 - 9/30/14
4350 & 6350	SPDP	Option 32	10/1/13 - 9/30/14
4450 & 6450	OMN&N	Option 33	10/1/13 - 9/30/14
4550 & 6550	NWCF	Option 34	10/1/13 - 1/26/14*
4650 & 6650	FMS	Option 35	10/1/13 - 1/26/14*
4160 & 6160	OPN	Option 36	10/01/13 - 09/30/14
7170 & 9170	OPN	Option 37	10/01/14 - 3/24/15
7260 & 9260	RDT&E	Option 38	10/01/14 - 3/24/15*
7360 & 9360	SPDP	Option 39	10/01/14 - 3/24/15*
7460 & 9460	OMN&N	Option 40	10/01/14 - 3/24/15*

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

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F18S DELIVERY AT DESTINATION (JUN 2004)

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

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

F22S DELIVERY OF DATA (JUN 2004)

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

F30S PLACE OF PERFORMANCE (APR 2005)

Work will be performed at the Contractor's facility or other locations, as required by the statement of work. Travel is anticipated for the following locations: Groton, CT; Norfolk, VA; West Bethesda, MD; Kings Bay, GA; Manassas, VA; Bangor, WA; San Diego, CA; Pearl Harbor, HI; Guam; Garden Island, West Australia, Sao Paulo, Brazil.

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SECTION G CONTRACT ADMINISTRATION DATA

NOTE TO THE PAYMENT OFFICE

DFARS 252.204-0002 Line Item Specific: Sequential ACRN Order (SEP 2009)

The Payment Office shall make payment in sequential ACRN order within the line item, exhausting all funds in the previous ACRN before paying from the next ACRN using the following sequential order: Alpha/Alpha; Alpha/Numeric; Numeric/Alpha; and Numeric/Numeric.

252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (JUN 2012)

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

“Department of Defense Activity Address Code (DoDAAC)” is a six position code that uniquely identifies a unit, activity, or organization.

“Document type” means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

“Local processing office (LPO)” is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) *Electronic invoicing.* The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS [252.232-7003](#), Electronic Submission of Payment Requests and Receiving Reports.

(c) *WAWF access.* To access WAWF, the Contractor shall—

(1) Have a designated electronic business point of contact in the Central Contractor Registration at <https://www.acquisition.gov>; and

(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this web site.

(d) *WAWF training.* The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the “Web Based Training” link on the WAWF home page at <https://wawf.eb.mil/>

(e) *WAWF methods of document submission.* Document submissions may be via web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) *WAWF payment instructions.* The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) *Document type.* The Contractor shall use the following document type(s).

Cost Voucher

Note: If a “Combo” document type is identified but not supportable by the Contractor’s business systems, an “Invoice” (stand-alone) and “Receiving Report” (stand-alone) document type may be used instead.)

(2) *Inspection/acceptance location.* The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer.

*Inspection Location: **Destination***

*Acceptance Location: **Destination***

(3) *Document routing.* The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

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*Routing Data Table**

<i>Field Name in WAWF</i>	<i>Data to be entered in WAWF</i>
Pay Official DoDAAC	HQ0338
Issue By DoDAAC	N66604
Admin DoDAAC	S2101A
Inspect By DoDAAC	N/A
Ship To Code	N/A
Ship From Code	N/A
Mark For Code	N/A
Service Approver (DoDAAC)	N66604
Service Acceptor (DoDAAC)	N/A
Accept at Other DoDAAC	N/A
LPO DoDAAC	N/A
DCAA Auditor DoDAAC	HAA630
Other DoDAAC(s)	N/A

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the e-mail address identified below in the "Send Additional Email Notifications" field of WAWF once a document is submitted in the system.

(g) WAWF point of contact.

(1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

**HQ G-2-0009 SUPPLEMENTAL INSTRUCTIONS REGARDING ELECTRONIC INVOICING
(NAVSEA) (SEP 2012)**

(a) The Contractor agrees to segregate costs incurred under this contract/task order (TO), as applicable, at the lowest level of performance, either at the technical instruction (TI), sub line item number (SLIN), or contract line item number (CLIN) level, rather than on a total contract/TO basis, and to submit invoices reflecting costs

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incurred at that level. Supporting documentation in Wide Area Workflow (WAWF) for invoices shall include summaries of work charged during the period covered as well as overall cumulative summaries by individual labor categories, rates, and hours (both straight time and overtime) invoiced; as well as, a cost breakdown of other direct costs (ODCs), materials, and travel, by TI, SLIN, or CLIN level. For other than firm fixed price subcontractors, subcontractors are also required to provide labor categories, rates, and hours (both straight time and overtime) invoiced; as well as, a cost breakdown of ODCs, materials, and travel invoiced. Supporting documentation may be encrypted before submission to the prime contractor for WAWF invoice submittal. Subcontractors may email encryption code information directly to the Contracting Officer (CO) and Contracting Officer Representative (COR). Should the subcontractor lack encryption capability, the subcontractor may also email detailed supporting cost information directly to the CO and COR; or other method as agreed to by the CO.

(b) Contractors submitting payment requests and receiving reports to WAWF using either Electronic Data Interchange (EDI) or Secure File Transfer Protocol (SFTP) shall separately send an email notification to the COR and CO on the same date they submit the invoice in WAWF. No payments shall be due if the contractor does not provide the COR and CO email notification as required herein.

G10S CONTRACTUAL AUTHORITY AND COMMUNICATIONS (NOV 2012)

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

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

(c) The Contracting Officer is:

(d) The Task Order Negotiator is:

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

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

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

(g) The Contractor's Representative is:

G11S CONTRACT ADMINISTRATION FUNCTIONS (SERVICES) (MAR 2011)

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

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

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

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

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

G14S CONTRACTOR'S SENIOR TECHNICAL REPRESENTATIVE (AUG 2005)

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

Accounting Data

SLINID	PR Number	Amount
110001	N66604-8247-8687	160000.00
LLA :		
A1 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00Y470059		
Standard Number: 0133472		

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310001 N66604-9016-4257 20000.00
 LLA :
 A1 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00Y470059
 Standard Number: 0133472

BASE Funding 180000.00
 Cumulative Funding 180000.00

MOD 01

110002 N66604-9058-3463 350000.00
 LLA :
 A2 1791810.H4TD 253 SAS7L 0 068342 2D 000000 TD0090000000
 Standard Number: 0197334
 Reference: RCP# N0002409WX30518, ACRN AA (I470129)

310002 N66604-9058-3469 30000.00
 LLA :
 A2 1791810.H4TD 253 SAS7L 0 068342 2D 000000 TD0090000000
 Standard Number: 0197334
 Reference: RCP# N0002409WX30518, ACRN AA (I470129)

MOD 01 Funding 380000.00
 Cumulative Funding 560000.00

MOD 02

411001 N66604-9135-6601 20000.00
 LLA :
 A4 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00Z455009
 Standard Number: 0212761

411002 N66604-9135-6602 45000.00
 LLA :
 A5 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00D455069
 Standard Number: 0212761

431001 N66604-9149-8545 35000.00
 LLA :
 A6 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B472059
 Standard Number: 0214788

441001 N66604-9135-6572 165000.00
 LLA :
 A7 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B470039
 Standard Number: 0212752

441002 N66604-9135-6577 59000.00
 LLA :
 A8 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B414009
 Standard Number: 0212752

611001 N66604-9135-6584 1000.00
 LLA :
 A3 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00D455079
 Standard Number: 0212761

631001 N66604-9149-8546 1000.00
 LLA :
 A6 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B472059
 Standard Number: 0214788

641001 N66604-9135-6579 1000.00
 LLA :
 A8 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B414009
 Standard Number: 0212752

MOD 02 Funding 327000.00

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Cumulative Funding 887000.00

MOD 03

110003 N66604-9194-6705 105000.00
 LLA :
 A9 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00A470099
 Standard Number: 0223324

611002 N66604-9203-8407 65000.00
 LLA :
 B1 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00K470099
 Standard Number: 0225194

MOD 03 Funding 170000.00
 Cumulative Funding 1057000.00

MOD 04

310002 N66604-9058-3469 (13000.00)
 LLA :
 A2 1791810.H4TD 253 SAS7L 0 068342 2D 000000 TD0090000000
 Standard Number: 0197334
 Reference: RCP# N0002409WX30518, ACRN AA (I470129)

411003 N66604-9203-8415 1000000.00
 LLA :
 B1 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00K470099
 Standard Number: 0225220

421001 N66604-9203-8460 7000.00
 LLA :
 B2 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00A412009
 Standard Number: 0225255

421002 N66604-9203-8463 18163.00
 LLA :
 B3 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B412009
 Standard Number: 0225255

611003 N66604-9216-0074 13000.00
 LLA :
 A1 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00Y470059
 Standard Number: 0227179

621001 N66604-9208-8929 1000.00
 LLA :
 B3 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B412009
 Standard Number: 0225255

MOD 04 Funding 1026163.00
 Cumulative Funding 2083163.00

MOD 05

110003 N66604-9194-6705 (21000.00)
 LLA :
 A9 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00A470099
 Standard Number: 0223324

411004 N66604-9247-5789 21000.00
 LLA :
 A9 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00A470099
 Standard Number: 0233541

411005 N66604-9260-8107 87290.77
 LLA :
 B4 1791810.A2MB 253 SAS7L 0 068342 2D 000000 MB0500000000
 Standard Number: 0236202
 Reference: RCP# N0002409WX31611;

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ACRN: AA; JON:I455029

611004 N66604-9260-8112 10000.00
 LLA :
 B4 1791810.A2MB 253 SAS7L 0 068342 2D 000000 MB0500000000
 Standard Number: 0236202
 Reference: RCP# N0002409WX31611;
 ACRN: AA; JON:I455029

MOD 05 Funding 97290.77
 Cumulative Funding 2180453.77

MOD 06

431002 N66604-9321-5400 48050.00
 LLA :
 B5 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B472050
 Standard Number: 0244621

631002 N66604-9321-5404 500.00
 LLA :
 B5 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B472050
 Standard Number: 0244621

MOD 06 Funding 48550.00
 Cumulative Funding 2229003.77

MOD 07 Funding 0.00
 Cumulative Funding 2229003.77

MOD 08

411006 N66604-0145-1941 195000.00
 LLA :
 B6 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00A470030
 Standard Number: 0276073

MOD 08 Funding 195000.00
 Cumulative Funding 2424003.77

MOD 09

412001 N66604-0175-6265 346000.00
 LLA :
 B7 1701810.H4TD 253 SAS7L 0 068342 2D 000000 TD0090000000
 Standard Number: 0282625
 RCP# N0002410WX30576, ACRN AA (I470020)

412002 N66604-0175-6266 105000.00
 LLA :
 B8 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00H447310
 Standard Number: 0282625

412003 N66604-0175-6267 92000.00
 LLA :
 B9 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B455090
 Standard Number: 0282625

442001 N66604-0176-6389 38000.00
 LLA :
 C1 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00C455040
 Standard Number: 0282751

612001 N66604-0175-6269 6500.00
 LLA :
 B7 1701810.H4TD 253 SAS7L 0 068342 2D 000000 TD0090000000
 Standard Number: 0282625
 RCP# N0002410WX30576, ACRN AA (I470020)

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612002 N66604-0175-6270 32000.00
 LLA :
 B9 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B455090
 Standard Number: 0282625

642001 N66604-0176-6390 16000.00
 LLA :
 C1 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00C455040
 Standard Number: 0282751

MOD 09 Funding 635500.00
 Cumulative Funding 3059503.77

MOD 10

110003 N66604-9194-6705 (32588.24)
 LLA :
 A9 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00A470099
 Standard Number: 0223324

310002 N66604-9058-3469 (4663.73)
 LLA :
 A2 1791810.H4TD 253 SAS7L 0 068342 2D 000000 TD0090000000
 Standard Number: 0197334
 Reference: RCP# N0002409WX30518, ACRN AA (I470129)

421002 N66604-9203-8463 (13867.98)
 LLA :
 B3 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B412009
 Standard Number: 0225255

431002 N66604-9321-5400 (27280.52)
 LLA :
 B5 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B472050
 Standard Number: 0244621

621001 N66604-9208-8929 (245.93)
 LLA :
 B3 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B412009
 Standard Number: 0225255

631001 N66604-9149-8546 (1000.00)
 LLA :
 A6 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B472059
 Standard Number: 0214788

631002 N66604-9321-5404 (500.00)
 LLA :
 B5 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B472050
 Standard Number: 0244621

641001 N66604-9135-6579 (142.77)
 LLA :
 A8 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B414009
 Standard Number: 0212752

MOD 10 Funding -80289.17
 Cumulative Funding 2979214.60

MOD 11

442002 N66604-0214-2950 172000.00
 LLA :
 C2 1701804.70BB 000 57016 0 060957 2D XSX020 570200MY000Q
 Standard Number: 0291702
 AA R5702010RXSX021 I455050

442003 N66604-0216-3496 7500.00
 LLA :
 C1 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00C455040

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Standard Number: 0291702

642002 N66604-0214-2956 28000.00
 LLA :
 C2 1701804.70BB 000 57016 0 060957 2D XSX020 570200MY000Q
 Standard Number: 0291702
 AA R5702010RXSX021 I455050

MOD 11 Funding 207500.00
 Cumulative Funding 3186714.60

MOD 12

412004 N66604-0243-8293 180000.00
 LLA :
 B7 1701810.H4TD 253 SAS7L 0 068342 2D 000000 TD0090000000
 Standard Number: 0297817
 AA N0002410WX30576 I470020

611001 N66604-9135-6584 (1000.00)
 LLA :
 A3 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00D455079
 Standard Number: 0212761

611002 N66604-9203-8407 (20487.68)
 LLA :
 B1 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00K470099
 Standard Number: 0225194

611004 N66604-9260-8112 (655.72)
 LLA :
 B4 1791810.A2MB 253 SAS7L 0 068342 2D 000000 MB0500000000
 Standard Number: 0236202
 Reference: RCP# N0002409WX31611;
 ACRN: AA; JON:I455029

612003 N66604-0243-8296 20000.00
 LLA :
 B7 1701810.H4TD 253 SAS7L 0 068342 2D 000000 TD0090000000
 Standard Number: 0297817
 AA N0002410WX30576 I470020

MOD 12 Funding 177856.60
 Cumulative Funding 3364571.20

MOD 13

442004 N66604-0256-0173 8500.00
 LLA :
 C1 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00C455040
 Standard Number: 0301155

642003 N66604-0258-0910 4000.00
 LLA :
 C1 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00C455040
 Standard Number: 0301155

MOD 13 Funding 12500.00
 Cumulative Funding 3377071.20

MOD 14

411006 N66604-0145-1941-993 (95000.00)
 LLA :
 B6 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00A470030
 Standard Number: 0276073

432001 N66604-0307-9075 19500.00
 LLA :

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C3 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00Z472051
Standard Number: 033036

632001 N66604-0307-9078 500.00
LLA :
C3 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00Z472051
Standard Number: 0311036

MOD 14 Funding -75000.00
Cumulative Funding 3302071.20

MOD 15

412005 N66604-0313-9879 165000.00
LLA :
C4 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00Y470061
Standard Number: 0312087

MOD 15 Funding 165000.00
Cumulative Funding 3467071.20

MOD 16

412006 N66604-0341-4230 95000.00
LLA :
C5 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00X470031
Standard Number: 0312087

MOD 16 Funding 95000.00
Cumulative Funding 3562071.20

MOD 17

412007 N66604-1006-8817 135000.00
LLA :
C4 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00Y470061
Standard Number: 0322702

612004 N66604-1006-8823 111500.00
LLA :
C4 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00Y470061
Standard Number: 0322702

MOD 17 Funding 246500.00
Cumulative Funding 3808571.20

MOD 18

432002 N66604-1026-2324 15000.00
LLA :
C3 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00Z472051
Standard Number: 0311036

MOD 18 Funding 15000.00
Cumulative Funding 3823571.20

MOD 19

412008 N66604-1060-7428 214863.00
LLA :
C6 1711810.84TD 252 V7TR0 0 050120 2D 000000 A00000685785
Standard Number: 0322702
JON I470031; RCP: N0002411RX01444 Funding ACRN: AA

612005 N66604-1060-7455 11000.00
LLA :
C6 1711810.84TD 252 V7TR0 0 050120 2D 000000 A00000685785

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Standard Number: 0322702
JON: I470031; RCP: N0002411RX01444 Funding ACRN: AA

MOD 19 Funding 225863.00
Cumulative Funding 4049434.20

MOD 20

412009 N66604-1083-1407 59000.00
LLA :
C7 1701810.H4TD 253 SAS7L 0 068342 2D 000000 TD0060000000
Standard Number: 0322702
RCP# N0002410WX30576, ACRN AB (I470011)

432003 N66604-1074-9774 50000.00
LLA :
C3 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00Z472051
Standard Number: 0311036

612006 N66604-1083-1412 20000.00
LLA :
C7 1701810.H4TD 253 SAS7L 0 068342 2D 000000 TD0060000000
Standard Number: 0322702
RCP# N0002410WX30576, ACRN AB (I470011)

MOD 20 Funding 129000.00
Cumulative Funding 4178434.20

MOD 21

412010 N66604-1110-6182 214137.00
LLA :
C6 1711810.84TD 252 V7TR0 0 050120 2D 000000 A00000685785
Standard Number: 0322702
RCP# N0002411RX01444, ACRN AA (I470031)

MOD 21 Funding 214137.00
Cumulative Funding 4392571.20

MOD 22 Funding 0.00
Cumulative Funding 4392571.20

MOD 23

412011 N66604-1158-3751 50000.00
LLA :
C8 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00A414021
Standard Number: 0322702

413001 N66604-1158-3781 85000.00
LLA :
C8 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00A414021
Standard Number: 0322702

613001 N66604-1158-3783 15000.00
LLA :
C8 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00A414021
Standard Number: 0322702

MOD 23 Funding 150000.00
Cumulative Funding 4542571.20

MOD 24

432004 N66604-1181-8205 25000.00
LLA :
C3 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00Z472051
Standard Number: 0311036

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MOD 24 Funding 25000.00
Cumulative Funding 4567571.20

MOD 25

110002 N66604-9058-3463 (4646.03)
LLA :
A2 1791810.H4TD 253 SAS7L 0 068342 2D 000000 TD0090000000
Standard Number: 0197334
Reference: RCP# N0002409WX30518, ACRN AA (I470129)

310002 N66604-9058-3469 (179.61)
LLA :
A2 1791810.H4TD 253 SAS7L 0 068342 2D 000000 TD0090000000
Standard Number: 0197334
Reference: RCP# N0002409WX30518, ACRN AA (I470129)

411006 N66604-0145-1941 (49938.81)
LLA :
B6 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00A470030
Standard Number: 0276073

413002 N66604-1202-1966 350000.00
LLA :
C6 1711810.84TD 252 V7TR0 0 050120 2D 000000 A00000685785
Standard Number: 0363619
Reference: RCP# N0002411RX01444;
ACRN: AA; JON:I470031

414001 N66604-1202-2006 651000.00
LLA :
C9 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B470011
Standard Number: 0363619

431001 N66604-9149-8545 (9703.61)
LLA :
A6 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B472059
Standard Number: 0214788

611002 N66604-9203-8407 (163.84)
LLA :
B1 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00K470099
Standard Number: 0225194

613002 N66604-1215-5224 318472.00
LLA :
C6 1711810.84TD 252 V7TR0 0 050120 2D 000000 A00000685785
Standard Number: 0367397
Reference: RCP# N0002411RX01444;
ACRN: AA; JON:I470031

614001 N66604-1202-2007 80000.00
LLA :
C9 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B470011
Standard Number: 0363619

MOD 25 Funding 1334840.10
Cumulative Funding 5902411.30

MOD 26

412007 N66604-1006-8817 (60000.00)
LLA :
C4 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00Y470061
Standard Number: 0322702

432004 N66604-1181-8205 (23700.00)
LLA :
C3 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00Z472051

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Standard Number: 0311036

MOD 26 Funding -83700.00
Cumulative Funding 5818711.30

MOD 27 Funding 0.00
Cumulative Funding 5818711.30

MOD 28 Funding 0.00
Cumulative Funding 5818711.30

MOD 29

423001 1300250237 300000.00
LLA :
D2 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001060122

433001 1300241137 30000.00
LLA :
D1 97X4930 NH6A 252 77777 0 050120 2F 000000 A00000992429

623001 1300250237 30000.00
LLA :
D2 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001060122

633001 1300241137 500.00
LLA :
D1 97X4930 NH6A 252 77777 0 050120 2F 000000 A00000992429

MOD 29 Funding 360500.00
Cumulative Funding 6179211.30

MOD 30

414002 1300262897 812000.00
LLA :
D4 1721810 84TD 252 V7TR0 0 050120 2D 000000 A00001148672

423002 1300261452 10000.00
LLA :
D3 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001137483

MOD 30 Funding 822000.00
Cumulative Funding 7001211.30

MOD 31

415001 1300299005 371029.00
LLA :
D7 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001355801

415002 1300297663 102971.00
LLA :
D8 1721810 84TD 252 V7TR0 0 050120 2D 000000 A00001350007

423003 1300285641 35400.00
LLA :
D5 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001292998

433002 1300285642 10000.00
LLA :
D6 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001293453

433003 1300300592 10000.00
LLA :
D9 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001365803

615001 1300299005 20000.00
LLA :

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D7 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001355801

615002 1300297663 10000.00

LLA :

D8 1721810 84TD 252 V7TR0 0 050120 2D 000000 A00001350007

MOD 31 Funding 559400.00

Cumulative Funding 7560611.30

MOD 32

415003 1300316054 455418.00

LLA :

E1 1731810 84TD 252 V7TR0 0 050120 2D 000000 A10001498299

415004 1300316054 19582.00

LLA :

E1 1731810 84TD 252 V7TR0 0 050120 2D 000000 A10001498299

615003 1300316054 75000.00

LLA :

E1 1731810 84TD 252 V7TR0 0 050120 2D 000000 A10001498299

MOD 32 Funding 550000.00

Cumulative Funding 8110611.30

MOD 33

415005 1300334799 450000.00

LLA :

E2 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001614418

RCP# N0002413WX02636 (AA)

433003 1300300592 (10000.00)

LLA :

D9 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001365803

615004 1300334799 44000.00

LLA :

E2 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001614418

MOD 33 Funding 484000.00

Cumulative Funding 8594611.30

MOD 34

412011 N66604-1158-3751 (30682.61)

LLA :

C8 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00A414021

Standard Number: 0322702

413002 N66604-1202-1966 (10248.00)

LLA :

C6 1711810.84TD 252 V7TR0 0 050120 2D 000000 A00000685785

Standard Number: 0363619

Reference: RCP# N0002411RX01444;

ACRN: AA; JON:I470031

415006 1300355756 450000.00

LLA :

E3 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001764358

615005 1300355756 44000.00

LLA :

E3 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001764358

MOD 34 Funding 453069.39

Cumulative Funding 9047680.69

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MOD 35

416001 1300368020 450000.00
 LLA :
 E7 1731810 82MB 252 V7TR0 0 050120 2D 000000 A00001837542
 RCP: N0002413WX03242, ACRN AA

425001 1300368133 9500.00
 LLA :
 E6 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001837547

435001 1300368135 9500.00
 LLA :
 E4 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001837548

435002 1300368107 19500.00
 LLA :
 E5 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001837270

616001 1300368020 44000.00
 LLA :
 E7 1731810 82MB 252 V7TR0 0 050120 2D 000000 A00001837542
 RCP: N0002413WX03242, ACRN AA

625001 1300368133 500.00
 LLA :
 E6 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001837547

635001 1300368135 500.00
 LLA :
 E4 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001837548

635002 1300368107 500.00
 LLA :
 E5 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001837270

MOD 35 Funding 534000.00
 Cumulative Funding 9581680.69

MOD 36

416002 130039004600001 340000.00
 LLA :
 E8 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002023543

416003 130039020300003 69500.00
 LLA :
 E9 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002024906

425002 130039020700001 24500.00
 LLA :
 F1 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002024949

425003 130039005000001 19500.00
 LLA :
 F2 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002023550

435003 130039289200001 50000.00
 LLA :
 F3 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002045598

616002 130039004600002 500.00
 LLA :
 E8 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002023543

616003 130039004600003 29500.00
 LLA :
 E8 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002023543

616004 130039020300004 500.00

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LLA :
E9 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002024906

625002 130039020700002 500.00

LLA :
F1 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002024949

625003 130039005000002 500.00

LLA :
F2 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002023550

MOD 36 Funding 535000.00
Cumulative Funding 10116680.69

MOD 37

413001 N66604-1158-3781 (85000.00)

LLA :
C8 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00A414021
Standard Number: 0322702

414002 130026289700001 (24004.15)

LLA :
D4 1721810 84TD 252 V7TR0 0 050120 2D 000000 A00001148672

415001 130029900500001 (10346.84)

LLA :
D7 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001355801

415002 130029766300001 (1456.94)

LLA :
D8 1721810 84TD 252 V7TR0 0 050120 2D 000000 A00001350007

415005 130033479900001 (17414.93)

LLA :
E2 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001614418
RCP# N0002413WX02636 (AA)

415006 130035575600001 (14097.74)

LLA :
E3 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001764358

416004 130041353600001 440000.00

LLA :
F5 1741810 84TD 252 V7TR0 0 050120 2D 000000 A00002202336

423003 130028564100001 (5767.30)

LLA :
D5 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001292998

433002 130028564200001 (1135.75)

LLA :
D6 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001293453

441002 N66604-9135-6577 (2967.45)

LLA :
A8 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B414009
Standard Number: 0212752

442002 N66604-0214-2950 (6622.50)

LLA :
C2 1701804.70BB 000 57016 0 060957 2D XSX020 570200MY000Q
Standard Number: 0291702
AA R5702010RXSX021 I455050

616005 130041374100001 29500.00

LLA :
F4 1741810 84TD 252 V7TR0 0 050120 2D 000000 A00002203614

616006 130041353600002 500.00

LLA :

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F5 1741810 84TD 252 V7TR0 0 050120 2D 000000 A00002202336

MOD 37 Funding 301186.40
Cumulative Funding 10417867.09

MOD 38

435004 130042249600001 29500.00
LLA :
F6 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002272645

635003 130042249600002 500.00
LLA :
F6 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002272645

MOD 38 Funding 30000.00
Cumulative Funding 10447867.09

MOD 39

425004 130043947700001 4000.00
LLA :
F7 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002392757

625004 130043947700002 3000.00
LLA :
F7 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002392757

MOD 39 Funding 7000.00
Cumulative Funding 10454867.09

MOD 40

416005 130043949100003 250000.00
LLA :
F9 1741810 84TD 251 V7TR0 0 050120 2D 000000 A10002392907
RCP# N0002414WX03777 ACRN AA

616007 130043949100004 15000.00
LLA :
F9 1741810 84TD 251 V7TR0 0 050120 2D 000000 A10002392907
RCP# N0002414WX03777 ACRN AA

717001 130043949500003 415500.00
LLA :
F8 1741810 84TD 251 V7TR0 0 050120 2D 000000 A10002393095
RCP# N0002414WX03777 ARN AA

917001 130043949500004 30500.00
LLA :
F8 1741810 84TD 251 V7TR0 0 050120 2D 000000 A10002393095
RCP# N0002414WX03777 ACRN AA

MOD 40 Funding 711000.00
Cumulative Funding 11165867.09

MOD 41

717002 130046195800001 375000.00
LLA :
G1 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002590250

917002 130046195800002 30000.00
LLA :
G1 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002590250

MOD 41 Funding 405000.00

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Cumulative Funding 11570867.09

MOD 42

414002	130026289700001	(58570.30)
LLA :		
D4 1721810 84TD 252 V7TR0 0 050120 2D 000000 A00001148672		
415004	130031605400003	(38.68)
LLA :		
E1 1731810 84TD 252 V7TR0 0 050120 2D 000000 A10001498299		
415005	130033479900001	(1091.54)
LLA :		
E2 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001614418		
RCP# N0002413WX02636 (AA)		
415006	130035575600001	(1878.29)
LLA :		
E3 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001764358		
416002	130039004600001	(3675.43)
LLA :		
E8 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002023543		
416003	130039020300003	(8060.57)
LLA :		
E9 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002024906		
423003	130028564100001	(10506.74)
LLA :		
D5 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001292998		
425001	130036813300001	(801.66)
LLA :		
E6 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001837547		
425002	130039020700001	(3582.48)
LLA :		
F1 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002024949		
425003	130039005000001	(421.24)
LLA :		
F2 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002023550		
425004	130043947700001	(809.80)
LLA :		
F7 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002392757		
433001	130024113700001	(934.42)
LLA :		
D1 97X4930 NH6A 252 77777 0 050120 2F 000000 A00000992429		
435002	130036810700001	(693.41)
LLA :		
E5 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001837270		
435003	130039289200001	(1443.05)
LLA :		
F3 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002045598		
435004	130042249600001	(1653.22)
LLA :		
F6 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002272645		
615002	130029766300002	(1865.46)
LLA :		
D8 1721810 84TD 252 V7TR0 0 050120 2D 000000 A00001350007		
615004	130033479900002	(7599.60)
LLA :		
E2 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001614418		

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615005 130035575600002 (4823.93)
 LLA :
 E3 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001764358

616003 130039004600003 (8278.89)
 LLA :
 E8 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002023543

616004 130039020300004 (334.36)
 LLA :
 E9 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002024906

625001 130036813300001 (484.66)
 LLA :
 E6 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001837547

625002 130039020700002 (500.00)
 LLA :
 F1 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002024949

625003 130039005000002 (500.00)
 LLA :
 F2 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002023550

633001 130024113700002 (500.00)
 LLA :
 D1 97X4930 NH6A 252 77777 0 050120 2F 000000 A00000992429

635001 130036813500001 (500.00)
 LLA :
 E4 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001837548

635002 130036810700001 (500.00)
 LLA :
 E5 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001837270

635003 130042249600002 (500.00)
 LLA :
 F6 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002272645

MOD 42 Funding -120547.73
 Cumulative Funding 11450319.36

MOD 43

416001 130036802000001 (2854.42)
 LLA :
 E7 1731810 82MB 252 V7TR0 0 050120 2D 000000 A00001837542
 RCP: N0002413WX03242, ACRN AA

MOD 43 Funding -2854.42
 Cumulative Funding 11447464.94

MOD 44

415005 130033479900001 (4970.08)
 LLA :
 E2 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001614418
 RCP# N0002413WX02636 (AA)

415006 130035575600001 (6990.59)
 LLA :
 E3 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001764358

416002 130039004600001 (4478.66)
 LLA :
 E8 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002023543

416003 130039020300003 (1168.13)

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LLA :
E9 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002024906

423003 130028564100001 (952.30)
LLA :
D5 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001292998

425002 130039020700001 (244.25)
LLA :
F1 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002024949

614001 N66604-1202-2007 (3425.46)
LLA :
C9 97X4930.NH6A 000 77777 0 066604 2F 000000 25B00B470011
Standard Number: 0363619

615005 130035575600002 (189.88)
LLA :
E3 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001764358

625001 130036813300001 (0.20)
LLA :
E6 97X4930 NH6A 252 77777 0 050120 2F 000000 A00001837547

642002 N66604-0214-2956 (2288.35)
LLA :
C2 1701804.70BB 000 57016 0 060957 2D XSX020 570200MY000Q
Standard Number: 0291702
AA R5702010RXSX021 I455050

717002 130046195800001 (30198.16)
LLA :
G1 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002590250

917002 130046195800002 (21837.75)
LLA :
G1 97X4930 NH6A 252 77777 0 050120 2F 000000 A00002590250

MOD 44 Funding -76743.81
Cumulative Funding 11370721.13

MOD 45

412009 N66604-1083-1407 (4105.93)
LLA :
C7 1701810.H4TD 253 SAS7L 0 068342 2D 000000 TD0060000000
Standard Number: 0322702
RCP# N0002410WX30576, ACRN AB (I470011)

612006 N66604-1083-1412 (8609.33)
LLA :
C7 1701810.H4TD 253 SAS7L 0 068342 2D 000000 TD0060000000
Standard Number: 0322702
RCP# N0002410WX30576, ACRN AB (I470011)

MOD 45 Funding -12715.26
Cumulative Funding 11358005.87

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SECTION H SPECIAL CONTRACT REQUIREMENTS

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

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

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

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

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

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

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

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

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

(h) Within 45 days after completion of the work under each separately identified period of performance hereunder, the Contractor shall submit the following information in writing to the Contracting Officer with copies to the cognizant Contract Administration Office and to the DCAA office to which vouchers are submitted: (1) the total number of man-hours of direct labor expended during the applicable period; (2) a breakdown of this total showing the number of man-hours expended in each direct labor classification and associated direct and indirect costs; (3) a breakdown of other costs incurred; and (4) the Contractor's estimate of the total allowable cost incurred under the contract for the

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

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

H10S ORGANIZATIONAL CONFLICT OF INTEREST - FAR 9.505-1

(a) In accordance with FAR 9.505-1; whereas this task order provides for systems engineering and technical direction (SETD), the Contractor agrees not to be a supplier to the Department of Defense, a subcontract supplier, or a consultant to a supplier of any system or subsystems for which the SETD functions are performed hereunder. The prohibition relative to being a supplier, a subcontract supplier, or a consultant to a supplier of these systems or their subsystems extends for a period of three years after the term of this contract.

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

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

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

(e) The prohibitions imposed by this clause may be waived by the Task Order Ordering Officer.

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

(g) This clause applies to Statement of Work task(s):4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5, 4.1.6

H13S ORGANIZATIONAL CONFLICT OF INTEREST - FAR 9.505-3

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

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

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

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

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

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

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

(h) If it is in the best interests of the Government, the prohibitions imposed by this clause may be waived by the Task Order Ordering Officer.

(i) This clause applies to Statement of Work task(s):4.1.3, 4.1.4, 4.1.5

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

H20S INSURANCE - WORK ON A GOVERNMENT INSTALLATION

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

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

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

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

H24S PROHIBITION ON TELECOMMUNICATIONS (OCT 2006)

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

H61S GOVERNMENT FURNISHED PROPERTY (GFP) (NOV 2010)

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

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

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

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

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

H81X TRAVEL RESPONSIBILITIES (OCT 2011)

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

H83S SERVICE CONTRACT ACT WAGE DETERMINATION (AUG 2008)

The applicable Service Contract Act Wage Determinations by the Secretary of Labor are provided below:

Wage Determination #:2005-2467 Revision: 14 (as of 7/25/2014) Area: Rhode Island, Statewide

The above Wage Determinations (WD) can be accessed from the following website: <http://www.wdol.gov/>

Choose "Selecting WDs" from the menu. After choosing the appropriate area, answer the "prompts" as follows:

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

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The site will provide the appropriate WD.

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SECTION I CONTRACT CLAUSES

The following clauses are incorporated by reference in this Task Order; however, all applicable clauses incorporated by reference in the basic MAC contract also apply.

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

- 52.222-40 Notification of Employee Rights Under the National Labor Relations Act (DEC 2010)**
- 52.222-41 Service Contract Act of 1965 (NOV 2007)**
- 52.222-54 Employment Eligibility Verification (JAN 2009)**
- 52.223-5 Pollution Prevention and Right-to-Know Information (AUG 2003)**
- 52.227-2 Notice and Assistance Regarding Patent and Copyright Infringement (AUG 1996)**
- 52.227-3 Patent Indemnity (APR 1984)**
- 52.227-10 Filing of Patent Applications - Classified Subject Matter (APR 1984)**
- 52.227-11 Patent Rights - Retention by the Contractor (Short Form) (JUN 1997)**
- 52.227-13 Patent Rights - Acquisitions by the Government (JAN 1997)**
- 52.237-2 Protection of Government Buildings, Equipment and Vegetation (APR 1984)**
- 52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS (DEC 2010)**
- 52.245-1 Government Property (AUG 2010)**
- 52.245-9 Use and Charges (AUG 2010)**
- 52.247-67 Submission of Commercial Transportation Bills to the General Services Administration for Audit (FEB 2006)**
- 52.251-1 Government Supply Sources (AUG 2010)**

- 252.204-7005 Oral Attestation of Security Responsibilities (NOV 2001)**
- 252.222-7006 Restrictions on the Use of Mandatory Arbitration Agreements (DEC 2010)**
- 252.223-7006 Prohibition on Storage and Disposal of Toxic and Hazardous Materials (APR 1993)**
- 252.227-7013 Rights in Technical Data -- Noncommercial Items (NOV 1995)**
- 252.227-7014 Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation (JUN 1995)**
- 252.227-7025 Limitations on the Use or Disclosure of Government-Furnished Information Marked with Restrictive Legends (JUN 1995)**
- 252.227-7026 Deferred Delivery of Technical Data or Computer Software (APR 1988)**

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- 252.227-7034 Patents - Subcontracts (APR 1984)**
- 252.227-7038 Patent Rights - Ownership by the Contractor (Large Business) (DEC 2007)**
- 252.227-7039 Patents - Reporting of Subject Inventions (APR 1990)**
- 252.231-7000 Supplemental Cost Principles (DEC 1991)**
- 252.235-7010 Acknowledgment of Support and Disclaimer (MAY 1995)**
- 252.235-7011 Final Scientific or Technical Report (NOV 2004)**
- 252.242-7004 Material Management and Accounting System (DEC 2000)**
- 252.245-7001 Tagging, Labeling, and Marking of Government-Furnished Property (FEB 2011)**
- 252.245-7002 Reporting Loss of Government Property (FEB 2011)**
- 252.245-7003 Contractor Property Management System Administration (MAY 2011)**
- 252.249-7002 Notification of Anticipated Contract Termination or Reduction (DEC 1996)**

**52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)
(NAVSEA VARIATION) (SEP 2009)**

(a) The Government may extend the term of this contract by written notice(s) to the Contractor within the periods specified below. If more than one option exists the Government has the right to unilaterally exercise any such option whether or not it has exercised other options.

Option No.	CLIN	Fund Type	Exercise Date – No Later Than
Option 1	1200 & 3200	RDT&E	04-Apr-09
Option 2	1300 & 3300	SPDP	04-Apr-09
Option 3	1400 & 3400	OMN&N	04-Apr-09
Option 4	1500 & 3500	NWCF	04-Apr-09
Option 5	1600 & 3600	FMS	04-Apr-09
Option 6	4110 & 6110	OPN	31-Dec-09
Option 7	4210 & 6210	RDT&E	31-Dec-09
Option 8	4310 & 6310	SPDP	31-Dec-09
Option 9	4410 & 6410	OMN&N	31-Dec-09
Option 10	4510 & 6510	NWCF	31-Dec-09
Option 11	4610 & 6610	FMS	31-Dec-09
Option 12	4120 & 6120	OPN	31-Dec-10

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Option 13	4220 & 6220	RDT&E	31-Dec-10
Option 14	4320 & 6320	SPDP	31-Dec-10
Option 15	4420 & 6420	OMN&N	31-Dec-10
Option 16	4520 & 6520	NWCF	31-Dec-10
Option 17	4620 & 6620	FMS	31-Dec-10
Option 18	4130 & 6130	OPN	31-Dec-11
Option 19	4230 & 6230	RDT&E	9-Mar-12
Option 20	4330 & 6330	SPDP	9-Mar-12
Option 21	4430 & 6430	OMN&N	31-Dec-11
Option 22	4530 & 6530	NWCF	31-Dec-11
Option 23	4630 & 6630	FMS	31-Dec-11
Option 24	4140 & 6140	OPN	31-Dec-12
Option 25	4240 & 6240	RDT&E	31-Dec-12
Option 26	4340 & 6340	SPDP	31-Dec-12
Option 27	4440 & 6440	OMN&N	31-Dec-12
Option 28	4540 & 6540	NWCF	31-Dec-12
Option 29	4640 & 6640	FMS	31-Dec-12
Option 30	4150 & 6150	OPN	1-Nov-13
Option 31	4250 & 6250	RDT&E	1-Nov-13
Option 32	4350 & 6350	SPDP	1-Nov-13
Option 33	4450 & 6450	OMN&N	1-Nov-13
Option 34	4550 & 6550	NWCF	1-Nov-13
Option 35	4650 & 6650	FMS	1-Nov-13
Option 36	4160 & 6160	OPN	1-Oct-13
Option 37	7170 & 9170	OPN	1-Oct-14

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Option 38	7260 & 9260	RDT&E	1-Oct-14
Option 39	7360 & 9360	SPDP	1-Oct-14
Option 40	7460 & 9460	OMN&N	1-Oct-14

(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 option(s) under this clause, shall not exceed five (5) years, however, in accordance with paragraph (g) of the requirement of this contract entitled "LEVEL OF EFFORT" (NAVSEA 5252.216-9122), if the total manhours delineated in paragraph (a) of the LEVEL OF EFFORT requirement, have not been expended within the period specified above, the Government may require the Contractor to continue to perform the work until the total number of manhours specified in paragraph (a) of the aforementioned requirement have been expended.

52.222-42 Statement of Equivalent Rates for Federal Hires (MAY 1989)

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

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

Employee Class Monetary Wage - Fringe Benefits

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

EMPLOYEE CLASSES (DIRECTORY OF OCCUPATIONS): <http://www.dol.gov/whd/regs/compliance/wage/SCADirV5/SCADirectVers5.pdf>

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

and OFFICE OF PERSONNEL MANAGEMENT: <http://www.opm.gov/OCA/10tables/index.asp>

52.244-2 Subcontracts (OCT 2010)

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

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

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

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

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

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

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

(2) Is fixed-price and exceeds—

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

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

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

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

(i) A description of the supplies or services to be subcontracted.

(ii) Identification of the type of subcontract to be used.

(iii) Identification of the proposed subcontractor.

(iv) The proposed subcontract price.

(v) The subcontractor's current, complete, and accurate certified cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions.

(vi) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract.

(vii) A negotiation memorandum reflecting -

(A) The principal elements of the subcontract price negotiations;

(B) The most significant considerations controlling establishment of initial or revised prices;

(C) The reason certified cost or pricing data were or were not required;

(D) The extent, if any, to which the Contractor did not rely on the subcontractor's certified cost or pricing data in determining the price objective and in negotiating the final price;

(E) The extent to which it was recognized in the negotiation that the subcontractor's certified cost or pricing data were not accurate, complete, or current; the action taken by the Contractor and the subcontractor; and the effect of any such defective data on the total price negotiated;

(F) The reasons for any significant difference between the Contractor's price objective and the price negotiated; and

(G) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(2) The Contractor is not required to notify the Contracting Officer in advance of entering into any

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subcontract for which consent is not required under paragraph (b), (c), or (d) of this clause.

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

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

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

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

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

(j) Paragraphs (c) and (e) of this clause do not apply to the following subcontracts, which were evaluated during negotiations:

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SECTION J LIST OF ATTACHMENTS

Government Property Made Available

DD1423 - Contract Data Requirements List with Addendum

DD254 - Contract Security Classification Specification (Rev. 2):

- with Naval Nuclear Propulsion Information (NNPI) and CNO letter attached