

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
U

PAGE OF PAGES
1 2

2. AMENDMENT/MODIFICATION NO.
31

3. EFFECTIVE DATE
09-Sep-2016

4. REQUISITION/PURCHASE REQ. NO.
Lapsing Funds Deob List

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

6. ISSUED BY CODE

N00164

7. ADMINISTERED BY (If other than Item 6) CODE

S2404A

NSWC, CRANE DIVISION
300 Highway 361 - Building 3373
Crane IN 47522-5001

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

SCD: C

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

SCIENCE APPLICATIONS INTERNATIONAL CORP
1710 SAIC Drive
McLean VA 22102-3702

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

[X]

10A. MODIFICATION OF CONTRACT/ORDER NO.

N00178-04-D-4119-FC08

10B. DATED (SEE ITEM 13)

21-Aug-2007

CAGE CODE
6XWA8

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

SEE SECTION G

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

- (*) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 43.103 (a)(3) Mutual agreement
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER (Specify type of modification and authority)

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

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

SEE PAGE 2

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

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

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

BY _____ (Signature of Contracting Officer)

09-Sep-2016

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

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

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GENERAL INFORMATION

The purpose of this modification is to deobligate Lapsing funds prior to Task Order close-out. Contractor concurrence was received on 08 September 2016 from Mr. Ken Detwiler. Accordingly, said Task Order is modified as follows:

The Line of Accounting information is hereby changed as follows:

The total amount of funds obligated to the task is hereby decreased from \$13,113,465.23 by **\$21,711.38** to \$13,091,753.85.

NERP LINE	CLIN/SLIN	Type Of Fund	From (\$)	By (\$)	To (\$)
0280	110030	Fund Type - OTHER	81,157.85	(20,598.67)	60,559.18
0260	310009	Fund Type - OTHER	1,699.85	(1,112.71)	587.14

The total value of the order is hereby increased from \$15,336,290.00 by \$0.00 to \$15,336,290.00.

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

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SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
1000	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (Fund Type - TBD)	1.0	LO	██████████	██████████	\$5,917,317.84
100001	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN A1) \$726,100 (Fund Type - TBD)					
100002	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN A3) \$133,935 (Fund Type - TBD)					
100003	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN A4) \$120,000 (Fund Type - TBD)					
100004	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN A5) \$59,560.18 (Fund Type - TBD)					
100005	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN A5) \$110,000 (Fund Type - TBD)					
100006	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN A8) \$100,000 (Fund Type - TBD)					
100007	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN A9) \$146,183.16 (Fund Type - TBD)					
100008	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN B1) \$800,000 LESS					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		\$129,350.29 DEOBLIGATED ON MODIFICATION # 15 LESS \$336.93 DEOBLIGATED ON MODIFICATION # 30 (Fund Type - TBD)					
100009	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN B2) \$1,632,608 (Fund Type - TBD)					
100010	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN B3) \$475,354.32 (Fund Type - TBD)					
100011	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN B4) \$118,000 (Fund Type - TBD)					
100012	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN B4) \$18,000 (Fund Type - TBD)					
100013	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN B5) \$24,000 (Fund Type - TBD)					
100014	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN B8) \$59,838 (Fund Type - TBD)					
100015	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN B9) \$12,200 (Fund Type - TBD)					
100016	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN C1) \$70,862.58 (Fund Type - TBD)					
100017	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN C5) \$17,074.80 (Fund Type - TBD)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
100018	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN C6) \$17,074.80 (Fund Type - TBD)					
100019	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN A8) \$90,000 (Fund Type - TBD)					
100020	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN C7) \$100,000 (Fund Type - TBD)					
100021	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN C8) \$9,000 (Fund Type - TBD)					
100022	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN C9) \$9,000 (Fund Type - TBD)					
100023	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN D1) \$147,000 (Fund Type - TBD)					
100024	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN D2) \$188,527 (Fund Type - TBD)					
100025	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN D3) \$2,000 (Fund Type - TBD)					
100026	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN D4) \$10,000 (Fund Type - TBD)					
100027	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN D5) \$30,000 (Fund					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		Type - TBD)					
100028	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN D6) \$80,000 (Fund Type - TBD)					
100029	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN D7) \$56,000 (Fund Type - TBD)					
100030	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN D8) \$7,000 (Fund Type - TBD)					
100031	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN C7) \$205,000 (Fund Type - TBD)					
100032	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN D9) \$340,000 (Fund Type - TBD)					
100033	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN E1) \$1,500 (Fund Type - TBD)					
100034	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor basic year 1 (ACRN E2) \$1,500 (Fund Type - TBD)					
1100	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period plus two month extension options. (Fund Type - TBD)	1.0	LO	██████████	██████████	\$4,379,412.16
110001	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN E3) \$15,300 (Fund Type - TBD)					
110002	R425	Engineering, Technical, Administrative and Program support					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		services for Fleet Maintenance. Labor option year 1 (ACRN E4) \$36,600 (Fund Type - TBD)					
110003	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN E5) \$22,500 (Fund Type - TBD)					
110004	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN A8) \$37,000 (Fund Type - TBD)					
110005	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN A8) \$150,000 (Fund Type - TBD)					
110006	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN E7) \$502,132 (Fund Type - TBD)					
110007	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN E9) \$400,000 (Fund Type - TBD)					
110008	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN F1) \$45,000 (Fund Type - TBD)					
110009	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN F2) \$40,000 (Fund Type - OTHER)					
110010	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN F3) \$85,000 (Fund Type - OTHER)					
110011	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN F4) \$150,000 (Fund Type - OTHER)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
110012	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN F5) \$99,000 (Fund Type - OTHER)					
110013	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN F6) \$3,500 (Fund Type - OTHER)					
110014	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN F7) \$3,500 (Fund Type - OTHER)					
110015	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN F8) \$135,000 (Fund Type - OTHER)					
110016	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN A8) \$26,000 (WCF)					
110017	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN F9) \$302,000 (Fund Type - OTHER)					
110018	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN G1) \$51,000 (Fund Type - OTHER)					
110019	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN G2) \$18,500 (Fund Type - OTHER)					
110020	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 (ACRN E7) \$200,000 (PMC)					
110021	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN F4) \$99,000 (Fund Type - OTHER)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
110022	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN F5) \$99,000 (Fund Type - OTHER)					
110023	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN G7) \$60,000 (Fund Type - OTHER)					
110024	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN F5) \$99,000 (RDT&E)					
110025	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN F4) \$503,500 less deob of \$25,000 on mod # 24 less deob of \$400,000 on mod # 26 less deob of \$55,000 on mod # 27 (RDT&E)					
110026	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN G8) \$50,000 (Fund Type - OTHER)					
110027	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN G9) \$16,000 (Fund Type - OTHER)					
110028	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN H1) \$20,000 (Fund Type - OTHER)					
110029	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN H2) \$124,564 (Fund Type - OTHER)					
110030	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN H3) \$102,309 less deob of \$21,151.15 on Mod # 29. Note: MOD 31					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		de-obligated \$20,598.67 from \$81,157.85 to \$60,559.18. (Fund Type - OTHER)					
110031	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN H4) \$20,000 less deob of \$20,000 on Mod # 29 (Fund Type - OTHER)					
110032	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN H5) \$14,000 less deob of \$14,000 on Mod # 29 (Fund Type - OTHER)					
110033	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN H6) \$17,500 (Fund Type - OTHER)					
110034	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN H7) \$20,000 less deob of \$20,000 on Mod # 29 (Fund Type - OTHER)					
110035	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN H8) \$12,000 less deob of \$12,000 on Mod # 29 (Fund Type - OTHER)					
110036	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN H9) \$12,000 less deob of \$12,000 on Mod # 29 (Fund Type - OTHER)					
110037	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN F5) \$80,000 less deob of \$79,000 on mod # 27 LESS \$1,000.00 DEOBLIGATED ON MODIFICATION # 30 (Fund Type - OTHER)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
110038	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. Labor option year 1 and extension period (ACRN H2) \$64,000 (Fund Type - OTHER)					

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
3000	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (Fund Type - TBD)	1.0	LO	\$3,323,600.00
300001	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN A2) \$200,000 (Fund Type - TBD)			
300002	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN A3) \$100,000 (Fund Type - TBD)			
300003	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN A4) \$50,000 (Fund Type - TBD)			
300004	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN A5) \$90,000 (Fund Type - TBD)			
300005	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN A6) \$10,300 (Fund Type - TBD)			
300006	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN A7) \$0 (Fund Type - TBD)			
300007	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN A8) \$20,000 DEOBLIGATED ON MODIFICATION # 14 (Fund Type - TBD)			
300008	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN A7) \$49,000 (Fund Type - TBD)			
300009	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN B4) \$502,545.68 (Fund Type - TBD)			
300010	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN B1) \$100,000 (Fund Type - TBD)			
300011	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN B2) \$1,250,000 (Fund Type - TBD)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
300012	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN B7) \$41,387 (Fund Type - TBD)			
300013	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN B4) \$84,968 (Fund Type - TBD)			
300014	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN C2) \$26,160 (Fund Type - TBD)			
300015	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN C3) \$59,954 (Fund Type - TBD)			
300016	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN C4) \$20,000 (Fund Type - TBD)			
300017	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN B9) \$13,638 (Fund Type - TBD)			
300018	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN C5) \$11,410 (Fund Type - TBD)			
300019	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN C6) \$11,410 (Fund Type - TBD)			
300020	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN C8) \$6,000 (Fund Type - TBD)			
300021	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN C9) \$15,000 (Fund Type - TBD)			
300022	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN D1) \$41,487 (Fund Type - TBD)			
300023	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN D3) \$6,120 (Fund Type - TBD)			
300024	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN D2) \$50,522 (Fund Type - TBD)			
300025	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN D4) \$11,000 (Fund Type - TBD)			
300026	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN D5) \$20,000 (Fund Type - TBD)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
300027	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN D6) \$61,738 (Fund Type - TBD)			
300028	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN D7) \$29,000 (Fund Type - TBD)			
300029	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN D8) \$98,500 (Fund Type - TBD)			
300030	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN B6) \$86,699 (Fund Type - TBD)			
300031	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN D9) \$174,000 (Fund Type - TBD)			
300032	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN E1) \$3,700 (Fund Type - TBD)			
300033	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of basic year 1 (ACRN E2) \$3,700 (Fund Type - TBD)			
3100	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 and extension period plus two month extension options. (Fund Type - TBD)	1.0	LO	\$1,715,960.00
310001	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 (ACRN E3) \$6,300 (Fund Type - TBD)			
310002	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 (ACRN E5) \$10,230 less deob of \$9,418 on mod # 27 (Fund Type - TBD)			
310003	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 (ACRN E6) \$62,350 (Fund Type - TBD)			
310004	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 (ACRN E7) \$200,000 LESS \$200,000 DEOBLIGATED ON MODIFICATION # 15 (Fund Type - TBD)			
310005	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 (ACRN E8) \$581,000 (Fund Type - TBD)			
310006	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 (ACRN E9) \$112,107 (Fund Type - TBD)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
310007	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 (ACRN F4) \$150,000 less deob of \$37,657.50 on Mod # 29 (Fund Type - TBD)			
310008	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 (ACRN F5) \$25,000 less deob of \$18,688 on mod # 27 LESS \$1,626.83 DEOBLIGATED ON MODIFICATION # 30 (Fund Type - TBD)			
310009	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 (ACRN F9) \$108,000 less deob of \$104,881.15 Mod # 22 less deob of \$1,419 on mod # 27. Note: MOD 31 de-obligated \$1,112.71 from \$1,699.85 to \$587.14. (Fund Type - OTHER)			
310010	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 (ACRN G1) \$20,000 less deob of \$20,000 Mod # 22 (Fund Type - OTHER)			
310011	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 (ACRN G2) \$14,000 less deob of \$14,000 Mod # 22 (Fund Type - OTHER)			
310012	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 (ACRN B1) \$129,350 (PMC)			
310013	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 and extension period (ACRN G3) \$17,500 less deob of \$17,500 Mod # 22 (Fund Type - OTHER)			
310014	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 and extension period(ACRN G4) \$20,000 less deob of \$20,000 Mod # 22 (Fund Type - OTHER)			
310015	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 and extension period (ACRN G5) \$12,000 less deob of \$12,000 Mod # 22 (Fund Type - OTHER)			
310016	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 and extension period (ACRN G6) \$12,000 less deob of \$12,000 Mod # 22 (Fund Type - OTHER)			
310017	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 and extension period (ACRN F5) \$25,000 less deob of \$25,000 on mod # 27 (Fund Type - OTHER)			
310018	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 and extension period (ACRN A8) \$5,800 (WCF)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
310019	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 and extension period (ACRN F5) \$118,000 less deob of \$80,000 on mod # 24 less deob of \$15,000 on mod # 26 less deob of \$23,000 on mod # 27 (Fund Type - OTHER)			
310020	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 and extension period (ACRN F4) \$25,000 less deob of \$25,000 on mod # 26 (Fund Type - OTHER)			
310021	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 and extension period (ACRN H2) \$2,658 (Fund Type - OTHER)			
310022	R425	Engineering, Technical, Administrative and Program support services for Fleet Maintenance. ODCs in support of option year 1 and extension period (ACRN H2) \$15,000 less deob of \$12,262.43 on Mod # 29 (Fund Type - TBD)			

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

**STATEMENT OF WORK
FOR
ENGINEERING, TECHNICAL,
ADMINISTRATIVE, AND PROGRAM
SUPPORT SERVICES
FOR
THE FLEET MAINTENANCE AND ENGINEERING DIVISION**

JULY 12, 2007

DISTRIBUTION STATEMENT A. Approved for public release;
Distribution is unlimited.

Prepared by
Naval Surface Warfare Center
Code 608BR
Crane, IN 47522-5001

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STATEMENT OF WORK

1. SCOPE

This Performance Work Statement (PWS) describes the effort to provide non-personal engineering, technical, program, logistic, administrative, and fabrication process support services for the Fleet Maintenance and Engineering Division, Electronic Development Department. The Fleet Maintenance and Engineering Division workload is not tied to a single Navy warfare system. The Division workload supports many Department of Defense (DOD) customers and industry partners, such as Navy, Army, Marine Corps, Air Force, Coast Guard, Foreign Military Sales.

The level of effort tasking may include new systems not yet identified that will require engineering, design, drafting, prototyping, fabrication, and technical support. The workload includes but is not limited to the following areas, the Wheeled Tactical Vehicle (WTV) Support Shelter, Vehicle Automated Diagnostic System (VADS), Marine Corps Systems Command; Test Measurement and Diagnostic Equipment (MCSC TMDE), and the H60 Modifications (Mods) Integrated Product Team (IPT).

The level of effort tasking will provide engineering, design, drafting, prototyping, fabrication, and technical support for the Wheeled Tactical Vehicle (WTV) Support Shelter system. The level of effort tasking for the Vehicle Automated Diagnostic System (VADS) will include integration of hardware, testing of design producibility, upgrade of software, and sustainment of existing systems including required user training. The H60 Mods IPT level of effort tasking provides engineering, technical, and manufacturing support, investigations and analyses, test and evaluation, and management and program support to the H60 Modifications (Mods) Integrated Product Team (IPT).

The efforts to be performed will include supporting national advocacy of mission focus areas, manufacturing initiatives, and technology insertion, item performance and reliability, and logistics support. The support will also include a market survey/business case analysis of other manufacturing efforts underway within the DoD in order to identify additional opportunities for NAVSEA Crane to obtain work share / engage in partnership ventures with manufacturing technology activities. The Contractor shall interface between Defense Logistics Agency (DLA), NAVSEA Crane and other activities in legacy equipment support of interconnect technology obsolescence as related to microelectronic components and printed wiring boards.

1.1 BACKGROUND

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In an effort to better support the warfighter, MCSC TMDE is providing funding to NSWC Crane, IN to test, train and otherwise support VADS and other Marine systems. The VADS is replacing the current Simplified Test Equipment for Internal Combustion Engines-Reprogrammable (STE/ICE-R). The contractor efforts are to support the hardware integration, software modification, testing and training of the equipment and systems.

VADS is a spiral development program with a need for several variants to support multiple armored weapon vehicles, the High Mobility Artillery Rocket System (HIMARS) and the HIMARS Re-supply Vehicle Marine Corps Variant are recent examples. The HIMARS development is also in spiral development, with the next generation vehicles being introduced in late 2006, these new versions will have the ability to receive messages from all Joint Variable Message Format Sensors. Other vehicles that VADS supports include the Light Armored Vehicle (LAV), Amphibious Assault Vehicle (AAV), Fast Attack Vehicle (FAV) and the Towed Howitzer (M777). It will be necessary to develop prototype VADS to meet the integration requirements of the various iterations for the different vehicle platforms. The current VADS (Version C--) being prototyped utilizes multiple configurations of mechanical relays on the Printed Circuit Boards, multiple options for the Data Bus ports (J1939, J1708, or J1850) and supports multiple sets of instrumentation capability, a choice of either a RS422 or a RS232 connects to an external laptop for diagnostic review and data collection. The VADS (Version E) will be adapted to other unique vehicles as they are introduced into service. Some of these variants may become very specialized as users like MARSOC may expand their use of VADS to support specialized vehicles and weapon systems. This expansion will demand extremely short turn-around-times for hardware and software development, integration, and fabrication.

The next generation VADS (Version E) being prototyped utilizes solid state relays on the Printed Circuit Boards, multiple options for the Data Bus ports (J1939, J1708, or J1850), supports multiple sets of instrumentation capability, a wireless connection to an external handheld display, and utilizes an internal CPU, thus eliminating the need for an external laptop.

Crane performs engineering services, technical support services and limited logistic support services for the Marine Corps System Command (MARCORSYSCOM) Test Equipment Branch. The Marine Corps has determined they have a requirement for a vehicle support shelter that is capable of demounting damaged tires and wheels, and mounting new and repaired tires onto empty wheels.

Currently this work is performed using antiquated manual methods which are unsafe and labor intensive. This effort is intended to design and build a mobile support shelter for wheeled tactical vehicles with tire changing, and repair equipment that will permit fewer repairmen to perform these tasks quicker, with less effort, and much safer for the operators. The WTV Support Shelter will support mobile and towed weapons systems, ordnance support and ordnance transportation vehicles and equipment.

The Fleet Maintenance and Engineering Division, provides support to the H60 Mods IPT through membership on the IPT. The H-60 Mods IPT is responsible for avionics and weapon systems upgrades to H-60 aircraft including but not limited to Aircraft Survivability Equipment (ASE), GAU-17, Communications equipment upgrades, and Air Ambulance conversion. The H60 Mods IPT also provides support to the Armed Helo IPT for test, evaluation, and emulation of the SH-60B sonobuoy launcher.

Both the Electronic Development and Ordnance Engineering Departments have invested in market research and business development activities intended to identify candidate technologies / emerging programs in the manufacturing arena which have high potential of providing new workload/customer base for NAVSEA Crane. The Contractor will establish contacts with Industry, Academia and other Government Agencies in developing

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awareness of the Emerging Critical Interconnect Technology Program (ECIT). This is a joint R&D program between The Association Connecting Electronic Industries (ICE) and NAVSEA Crane. The Contractor will support ECIT mission: To facilitate the emergence of new interconnect technologies within North America and accelerate the application of these technologies into warfighter applications through industrial and academic extension.

1.2 SCOPE OF CONTRACT

The contractor shall, in response to Technical Instructions (TI's) issued under this Task Order, provide services and materials that could span the entire spectrum of mission areas required to complete the tasking of the Fleet Maintenance and Engineering Division. Services within the functional areas identified below shall be performed on this Task Order only when ordered by TI. The TI will be issued by the COR or Contracting Officer (KO). This Task Order applies to section 3.0 of the basic Seaport Enhanced (Seaport-e) contract.

1. Research and Development Support
2. Engineering, System Engineering and Process Engineering Support
3. Modeling, Simulation, Stimulation, and Analysis Support
4. Prototyping, Pre-Production, Model-Making, and Fabrication Support
5. System Design Documentation and Technical Data Support
6. Software Engineering, Development, Programming, and Networking Support
7. Reliability, Maintainability and Availability (RM&A) Support
8. Human Factors, Performance and Usability Engineering Support
9. System Safety Engineering Support
10. Configuration Management (CM) Support
11. Quality Assurance (QA) Support
12. Information Systems (IS) Development, Information Assurance (IA) and Information Technology (IT) Support
13. Inactivation and Disposal Support
14. Interoperability, Test and Evaluation, Trials Support
15. Measurement Facilities, Range, and Instrumentation Support
16. Logistic Support
17. Supply and Provisioning Support
18. Training Support
19. In-Service Engineering, Fleet Introduction, Installation, and Checkout Support
20. Program Support
21. Functional and Administrative Support

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2.0 APPLICABLE DOCUMENTS

Applicable military specifications and standards that are listed in the issue of the Department of Defense Index of Specifications and Standards (DODISS), and current on the date of the Task Order award, plus all applicable industry standards, or any other program documents may be specified within the individual TI's that will be issued for performing specific tasks. In the event of conflict between the applicable documents and this PWS, the PWS shall take precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

2.1 Military Standards and Specifications - Mandatory Compliance

MIL-STD-882D 10 Feb 2000 Standard Practice for System Safety

MIL-STD-1472F 05 Dec 2003 Human Engineering

29CFR 1910 OSHA Standard for General Industry

Test Adapter Vehicle (TAV) Performance Specification

SL 3-10791 A Analyzer Set, Vehicular (VADS)

PCN 123 107910 00

ULSS 005297-15 Analyzer Set, Vehicular (VADS)

PCN 132 107910 00

TM 10791 A-10/1 Analyzer Set, Vehicular (VADS)

PCN 184 107910 00

ASME Y14.100

ASME Y14.5 M-94

ASNI Y14.5M

DOD-STD-2101

DOD 5220.22-M

DOD-D-1000

MIL-DTL-31000B

MIL-T-31000

MIL-STD-973

MIL-Q-9858

MIL-PRF-29612

MIL-HDBK-1379

NAVWPNSUPPCENINST 5510.1

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NAVWPNSUPPCENINST 5910.1

NAVSEAINST 4130.12A

OPNAVINST 5102.1

OPNAVINST 5000.49

NAVAIRINST 4000.20A

SECNAVINST 5370.2J

NAVFAC P-1021

J-STD-0001D

IPC-A-610D

IPC-7711

IPC-7721

IPC-WHMA-A-620

3.0 REQUIREMENTS

The contractor shall provide qualified personnel, materials, facilities, equipment, test instrumentation, data collection and analysis, hardware and software, and other services that will support the Fleet Maintenance and Engineering Division in the execution of their overall mission, tasking, and workload. Functional Service areas to be supported on this Task Order are described in the sections below.

Services to be provided under this Task Order are categorized into 21 functional services areas as follows, and are further defined below.

3.1 Research and Development Support

The Contractor shall keep abreast of current technologies, changes and developments in processes and analyses relevant to the tasking in the PWS. The Contractor shall be encouraged to attend training sessions/conferences/symposiums. The contractor personnel will be required to interact with Government, Industry, and Academic partner/customers in several forums. The work shall be conducted in a research and development manufacturing facility environment. Additional work requirements will likely include process documentation in an office setting, as well as technical exchanges and interactions in formal meetings and telephone conferencing.

The Contractor shall conduct research and prepare business analyses to identify current trends in workload management. The Contractor shall develop strategic, business, action and marketing plans for business development for systems and subsystems associated with the Fleet Maintenance and Engineering Division Core Equities.

The Contractor shall review and analyze manufacturing technologies and/or processes both in Government and in the private sector and provide a report to the Government on their application to Government system, subsystem, equipment and component acquisitions. The Contractor shall perform feasibility studies and investigate and resolve issues in the areas of technology application and insertion, and item performance and reliability.

The Contractor shall review and analyze fabrication technologies and/or processes in both Government and the

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private sector and provide a report on their usability to Government acquisitions, development, and application for Government use.

The Contractor shall survey advanced technology approaches to similar problems both in Government and the private sector regarding production costs, manufacturing problems, and quality assurance and make recommendations.

The Contractor shall develop and recommend projects plans and coordinate technical working groups for embedded passives (EP). The Contractor shall document EP Test Bed efforts and prepare for government approval and subsequent delivery to industry. The Contractor shall facilitate and coordinate EP test vehicle design activities and lead the IPC EP design standards committee activity. The Contractor shall provide liaison for industry partners and participant activities with NAVSEA Crane EP engineering lead.

3.2 Engineering, System Engineering and Process Engineering Support

The contractor shall provide engineering support for the design, development, test, evaluation, and engineering related processes for the procurement, production, maintenance, disposal, and related services for electronic and mechanical systems, subsystems, equipments, and components.

The contractor shall perform engineering investigations to evaluate equipment operational reliability, maintainability, availability, logistics support, and configuration status in accordance with applicable drawing specifications as specified on the TI.

The contractor shall perform reverse engineering on electronic assemblies and deliver to the Government a design disclosure Technical Data Package. Details concerning the substitution of piece parts and requirements concerning logistic equivalency (exact reproductions) shall be provided. The contractor shall produce prototypes of hardware resulting from reverse engineering or new designs.

The contractor shall provide engineering support in the following areas of military application and test vehicle development and demonstration; sensor technology, optic technology, material development, and material/process demonstrations. The contractor shall provide process engineering support services for electronic engineering interconnection fabrication and the electronic assembly fabrication process.

The Contractor shall support the update and modification of including hardware and software. The Contractor shall provide systems integration support for required equipment, systems and existing software. The Contractor shall provide acquisition engineering support for the integration of hardware necessary to modify, test and transport units.

The Contractor shall ensure all system requirements are satisfied by performing an analytical review of all available test data. The Contractor shall ensure the adequacy of the detailed design by assessing the following: 1) Electrical design (including schematic diagrams); 2) Mechanical design; 3) Electromagnetic compatibility; 4) Power generation and grounding; 5) Electrical and mechanical interface compatibility; 6) System Safety Engineering; 7) Human Engineering; and 8) Software Operation and Maintenance. The Contractor shall validate the design using, when applicable, interface control drawings, mock-ups, breadboards, prototype hardware, design analysis, and test data.

The Contractor shall ensure the system design meets all Electromagnetic Interference/Electromagnetic Compatibility (EMI/EMC) requirements specified in the TAV Performance Specifications. The Contractor shall establish EMI/EMC test plans and Plan of Actions & Milestones (POA&M), if applicable, for completion of an EMI/EMC test.

The Contractor shall support Crane in the integration, testing, and documentation of Tire

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Maintenance Facilities and systems. The Contractor will be provided an abstract performance specification and a baseline configuration as Government Furnished Information (GFI). The Contractor shall perform a market survey and obtain the necessary hardware to complement Government Furnished Property (GFP) and perform systems integration of all required hardware into deliverable prototype systems. It is anticipated that no more than ten to twenty prototypes will be developed.

The Contractor shall obtain the necessary hardware identified in the drawing package/system specification and hardware review and inventory to complement GFP and perform systems integration of all required hardware into deliverable prototype systems.

The Contractor shall provide Project Lead engineering analyses and studies as well as technical support for all MODS Integrated Product Team (IPT) production of mechanical/electrical assemblies and system cables. This tasking includes, but is not limited to, providing job cost estimates, machine shop/contractor coordination, scheduling, quality verification, specification conformity, parts research/reverse engineering and market research.

The Contractor shall coordinate services with the Navy, Coast Guard, Army and Foreign Military Sales (FMS) programs

3.3 Modeling, Simulation, Stimulation, and Analysis Support

The contractor shall assist Crane in the development and validation of performance models and industry studies associated to all warfighter systems.

The contractor shall help ensure reliability growth, Failure Reporting, Analysis, and Corrective Action System, and reliability verification testing programs are established and adequate to verify equipment meets specified performance requirements. Perform test planning and test execution tracking.

3.4 Prototyping, Pre-Production, Model-Making, and Fabrication Support

The contractor shall provide support for the prototyping, pre-production, model-making, and fabrication techniques and processes to support the Fleet Maintenance and Engineering Division workload.

The contractor shall provide all specialized certification or training for the handling of new materials or manufacturing processes to support division workload. They shall conduct and monitor testing, review and analyze test data, provide recommendations based on test results, and prepare reports, documents, and data sheets for each process or device tested.

The contractor shall provide general fabrication support which includes small manufacturing quantities to build new design prototypes, models, or pre-production assemblies, sub-assemblies, or systems.

The contractor shall provide draft modifications of changes in standard processes for customer review and implementation.

Utilizing proper system engineering and GFI, the Contractor shall support the fabrication and installation of upgrades to the prototype systems.

The contractor shall obtain the necessary hardware and equipment for the upgrade installations.

3.5 System Design Documentation and Technical Data Support

The contractor shall prepare Technical Data Packages to meet the requirements of ASME Y14.5M-94, DOD-STD-2101, MIL-DTL-31000B and ASME Y14.100 or other commercial standard as specified in the TI. The contractor shall review technical data changes, provided as Government Furnished Information (GFI) or new design material, for technical accuracy, completeness, suitability, and adequacy for inclusion into the Technical Documentation.

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The contractor shall have the capability to alter drawing originals, sketches, or draft versions of the drawings provided as GFI using conventional drafting tools/equipment, Computer-Aided Drafting (CAD) Systems or computer drafting/management systems such as Engineering Documentation Management Information and Control System (EDMICS).

The Contractor shall develop and maintain Technical Data Packages (TDPs). The Contractor shall be able to take engineering sketches, provided as GFI, and develop conceptual and developmental drawing packages ensuring compliance to MIL-T-31000 and ANSI Y14.5M.

The Contractor may be required to produce the TDPs in AutoCAD R14/2000 or Solid Edge. As required, the contractor may be required to generate production level TDPs.

The Contractor shall provide the TDP to the division, for verification, and then must be able to incorporate redline changes and perform the necessary configuration management to ensure version control.

The Contractor shall develop technical documentation to include drawings, wire lists, schematics, interface control drawings, shop drawings, process documentation, and integration drawings. Drawings shall be prepared using AutoCAD, Solid Edge or Pro/Engineer CAD software.

The Contractor shall review existing drawings and documentation for technical accuracy including G&D tolerancing, proper notes and specs, format, as well as correct part information.

The Contractor shall review, prepare, and or revise hardware documentation in support of this development.

The Contractor shall utilize GFI to provide developmental drawing and associated lists for systems, sub-systems, components, and parts.

The Contractor shall ensure all drawings are prepared in accordance with MIL-T-31000. All documentation shall be updated to remain current with each hardware development activity and phase.

The Contractor shall deliver to NSWC Crane any updated hardware, operations and support documents, engineering drawings, interface control drawings, and development drawings produced in support of the tasks in this PWS.

The Contractor shall provide documentation for each identified prototype requirements, ensuring projection of associated material costs and timeline for completion of validation. Utilizing GFI in the form of drawings, the Contractor shall perform drawing reviews to ensure validity that items/assemblies can be manufactured.

The Contractor shall provide recommendations with accompanying rationale on modifications to drawing packages.

3.6 Software Engineering, Development, Programming, and Network Support

The Contractor shall provide systems software engineering in performing operational software support for analysis and modification of new or existing system software to include Self Test, User Interface and driver level software to maintain life cycle support of the VADS software.

The contractor shall analyze system level requirements to verify that test definition, objectives, plans, and acceptance criteria are sufficient to validate system requirements and operational needs; validate software test results are in compliance with test acceptance criteria; perform traceability analysis between test designs, cases, procedures and execution results; and perform Independent Verification & Validation (IV&V) functions.

The Contractor shall attend tests performed at test sites both Government and contractor to review the appropriate test results. Monitoring may require use of specialized measuring devices and other highly sophisticated equipment. Particular attention shall be paid to ensure that test procedures are approved and followed, and that discrepancies occurring during tests are documented and corrected in accordance with approved test plans and resolved in accordance

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with specified requirements.

3.7 Reliability, Maintainability and Availability (RM&A) Support

The Contractor shall ensure all electronic and mechanical hardware items and software items meet the reliability, maintainability, and availability requirements specified in the technical specification and system requirements.

The Contractor shall identify unique maintenance procedures required for the configuration item during operational use and evaluate total effects on system maintenance concepts.

The Contractor shall ensure hardware and software reliability meets all requirements specified in the specification.

The Contractor shall ensure hardware maintainability meets all requirements specified in the performance specification.

The Contractor shall identify unique maintenance procedures required for the configuration item during operational use and evaluate total effects on system maintenance concepts.

The Contractor shall ensure the system is optimized from a maintenance and maintainability viewpoint and conforms to the planned maintenance concept.

The Contractor shall provide services in support of all fielded versions of a system. These services include: performing investigations of reliability, quality, or safety problems reported by DOD customers to determine the root cause of the problem. Provide an email to Crane Project Manager upon receipt of DOD customer reports. A preliminary report will be provided to the Crane Project Manager for problems, which will require significant time and effort for investigation. Provide a written report to Crane Project Manager within 10 days after the completion of the investigation.

The Contractor shall provide follow on laboratory analysis/design as directed by the Navy to provide suggested product improvements, Engineering Change Proposals (ECP), or fixes to remedy reliability, quality, or safety problems identified in the field.

The Contractor shall provide on-site support to the customer units to investigate internal system problems or problems related to integration with other systems. The contractor shall provide on-site support to customer units to perform limited, specialized maintenance assistance.

The Contractor shall perform annual on-site visits to each customer unit, which holds system assets. Review the serviceability, general condition, and operational / maintenance status of each Fleet Marine Force (FMF) unit's system assets. Provide Crane Project Manager with the assessment of that status, including reliability, quality, and safety problems. Whenever possible, these visits will be held in conjunction with other activities at the fielding locations.

The contractor shall evaluate and annotate government furnished safety program plans, tracking procedures, hazard lists, safety evaluation and testing plans/procedures, reports, safety related ECP's, and other safety and hazard engineering documents

The Contractor shall assist NAVSEA Crane with the evaluation of design to ensure performance specification conformance with regard to reliability, maintainability, availability and producibility. The Contractor shall recommend vendor models and analyses regarding system reliability, availability, Failure Modes and Effects Analysis, failure allocation, repair efficiency maintainability, and producibility.

The Contractor shall help ensure reliability growth, Failure Reporting, Analysis, and Corrective Action System, and reliability verification testing programs are established and adequate to verify equipment meets specified performance requirements. Perform test planning and test execution tracking.

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The Contractor shall assist in the evaluation of delivered technical data, maintain tech data library, and distribute information as requested/required.

The Contractor will establish contacts with Industry, Academia and other Government Agencies in developing awareness of the Emerging Critical Interconnect Technology Program (ECIT). This is a joint R&D program between The Association Connecting Electronic Industries (ICE) and NAVSEA Crane.

The Contractor will support ECIT mission: To facilitate the emergence of new interconnect technologies with-in North America and accelerate the application of these technologies into warfighter applications through industrial and academic extension.

The Contractor shall provide interconnection technology expertise to NAVSEA Crane and various agencies as required on new and emerging products and processes for evaluation and implementation in to military hardware. The Contractor shall look for opportunities with industry and academia to partner on technology that will assure legacy system support and new technologies that will advance the technology to support the warfighter.

The Contractor shall prepare and review system, equipment and component manufacturing procedures, processes, methods and technologies for insertion into military hardware manufacturing and submit a report for evaluation.

The Contractor shall perform engineering investigations to evaluate item reliability, maintainability, and logistics support and report the results of such investigations along with recommendations and the basis for the recommendations.

3.8 Human Factors, Performance and Usability Engineering Support

The Contractor shall ensure the detailed design meets the applicable human performance requirements in MIL-STD-1472F as defined in the system specification.

The Contractor shall ensure that operator controls, displays, and maintenance features are considered in the system designs. The contractor shall provide scientific and analytical support to ensure that the designs of electronic assemblies, subassemblies, or equipment are safer, more secure, and easier to use. The goal is to reduce accidents from human error, increase system integrity, and provide more efficient operations. The contractor shall analyze and ensure the right number, type, and mix of personnel with the correct knowledge, skills, and abilities (KSA) have been defined and documented early in the system design phase for all transition work assigned.

3.9 System Safety Engineering Support

The contractor shall evaluate and annotate government furnished safety program plans, tracking procedures, hazard lists, safety evaluation and testing plans/procedures, reports, safety related Engineering Change Proposals, and other safety and hazard engineering documents.

3.10 Configuration Management (CM) Support

The contractor shall develop specific elements of configuration management on selected equipment as specified by TI. All detailed requirements and configuration management tasks shall be performed in accordance with the requirements of NAVSEAINST 4130.12A.

The contractor shall analyze and evaluate the impact of engineering change proposals on materials, cost, schedule, and technical documentation.

The contractor shall implement configuration changes in accordance with the configuration management plan for the system, subsystem, or component or as required by the TI.

The contractor shall review and analyze requests for deviations and waivers to determine the effects on production, configuration identification, operation, and logistics.

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The contractor shall also determine whether requests for minor deviations or waivers and Class II Engineering Changes are correctly categorized as defined in MIL-STD-973.

The contractor shall submit reports to the Government on all such reviews, documenting the results with any change recommendations and supporting rationale.

The contractor shall prepare Engineering Change Proposals, Engineering Change Orders, and Specification Change Notices using guidance in MIL-STD-973 for equipment specified by the TI. The contractor shall review and/or develop configuration management plans in accordance with NAVSEAINST 4130.12A using guidance in MIL-STD-973 for equipment specified in the TI. The contractor shall review existing configuration status accounting data systems and analyze their adequacy in meeting configuration status accounting requirements using guidance in MIL-STD-973 for equipments and programs specified by the Government.

3.11 Quality Assurance (QA) Support

The contractor shall provide the Quality Assurance services identified in MIL-Q-9858 for requirements and other specifications and standards as may be specified by TI.

The contractor shall perform quality assurance analyses and prepare quality assurance planning documentation on systems, subsystems, equipment, and components as specified by TI and provide reports with recommendations and supporting data to the Government.

3.12 Information Systems (IS) Development, Information Assurance (IA) and Information Technology (IT) Support

The contractor shall provide information technology and service as specified by the TI. Support may include technology assessments; training curricula and systems; remote data acquisition; communications analyses; hardware and software analyses versus system requirements; computer-based systems analysis and simulation modeling; business case analysis; end user IT systems design, development, assessment and review of knowledge-based Interactive Electronic Technical Documentation; risk assessment; special projects-- including performing IT special projects, studies, analysis, and independent assessments and providing experts for studies, investigations, and other special needs; and database support-- including designing, developing, and maintaining complex databases using COTS software to support customer mission areas.

3.13 Inactivation and Disposal Support

The contractor shall verify and validate equipment received, shipped, or processed is listed on the correct Navy document (i.e. DD1149, DD1348, Custody Receipt documents, etc.). Equipment that is delivered or received must be verified by conducting a comparison analysis for the disposition of the equipment.

The contractor shall record all pertinent information on the proper inventory sheet, such as Nomenclature, Part Number, National Stock Number (NSN), Field Changes, condition of equipment, etc, and enter this information into the Reutilization Database. Also record information for items inducted and shipped by the Production Controller into the Reutilization Database.

The contractor shall determine equipment received is the correct system equipment and categorize it as a Unit, Module, or LRU or identify it to the correct system. The proper inventory sheet shall be completed and enter data into the Reutilization database.

The contractor shall monitor retention level lists and provide reports and information to inform the reutilization manager and acquisition manager of receipt of better equipment available for exchange of older equipment already stored in supply.

3.14 Interoperability, Test and Evaluation, Trials Support

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The Contractor shall test and evaluate the system, subsystems, equipment, components, and software as specified by test plans both locally and at other test sites and locations.

The Contractor may be required to prepare inputs for test plans; review test plans and procedures; conduct or monitor system, subsystem, equipment or component testing; adjust units under test; analyze test results; determine valid recommendations and conclusions based on test data; and prepare formal reports.

The contractor shall also provide transportation for required test support equipment.

The Contractor shall develop system, subsystem, equipment, component, and software integration test plans from program requirements and information provided by the Government.

Such test plans may require:

- Test and Evaluation Master Plans (TEMP)
- Technical Evaluation (TECHEVAL) plans
- Quality Evaluation (Surveillance) Test Plans

The Contractor shall evaluate and annotate test plans originated by other agencies/contractors provided as Government furnished information. Evaluation of plans and procedures shall be for compliance with specified requirements, for adequacy to demonstrate or control system, subsystem, equipment and component quality and performance, and for ease of implementation. The Contractor shall submit an evaluation report on the adequacy of such plans and provide rationale and assumptions made.

The Contractor shall collect, review and analyze system, subsystem, equipment, component or software test data and perform pre-test methodology analyses in the following categories:

- Development tests and evaluations (experimental, engineering, and demonstrations)
- Operational tests and evaluations (TECHVAL and OPEVAL) and performance evaluations for qualification, and Government acceptance.

The Contractor shall perform annual on-site visits to each DOD customer, which holds system assets. Review the serviceability, general condition, and operational / maintenance status of each customer system assets. Provide Crane Project Manager with the assessment of that status, including reliability, quality, and safety problems. Whenever possible, these visits will be held in conjunction with other activities at the fielding locations.

The Contractor shall provide Project Lead support for all system testing. Utilizing GFI, the Contractor shall coordinate test plans, test site set-up and tear down, performance testing, test evaluation and quality assurance support.

The Contractor shall monitor testing to ensure compliance with the government approved test plan; note any/all discrepancies and provide a written report along with recommendations and accompanying rationale.

3.15 Measurement Facilities, Range, and Instrumentation Support

The Contractor shall conduct the associated operational verification tests to assure the operational integrity of the system or equipment.

The Contractor shall attend tests performed at test sites both Government and Contractor to review the appropriate tests. Monitoring may require use of specialized measuring devices and other highly sophisticated equipment. Particular attention shall be paid to ensure that test procedures are approved and followed, and that discrepancies occurring during tests are documented and corrected in accordance with approved test plans and resolved in accordance with specified requirements.

After each operation, the contractor shall provide a report to the Government regarding the

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results of the operation and the subsequent operational verification tests, including recommendations with justification for improving documentation and associated testing.

The Contractor shall analyze system level requirements to verify that test definition, objectives, plans, and acceptance criteria are sufficient to validate system requirements and operational needs; validate software test results are in compliance with test acceptance criteria; perform traceability analysis between test designs, cases, procedures and execution results; and perform Verification & Validation (V&V) functions.

The Contractor shall review, reduce, analyze and interpret raw data produced during test series. The Contractor shall develop and provide both interim and final reports of laboratory/test site investigations.

The Contractor shall be required to integrate text and graphics into the final version as defined by the TI.

3.16 Logistic Support

The contractor shall gather information, analyze, develop, and prepare plans and analyses in the integrated logistics support area. These plans and analyses shall generate, implement, review, and maintain Integrated Logistics Support Plans (ILSP). ILS planning shall be in accordance with OPNAVINST 5000.49, and NAVAIRINST 4000.20A.

The contractor shall review and document System Acquisition Plans for complete ILS requirements by Life Cycle Phase and consolidate and incorporate these identified requirements into an ILS Detail Specification for the system, identifying specific Program Initiation, Full-Scale Development, and Production and Deployment requirements. The ILS Detail Specification shall quantify support systems performance parameters and constraints necessary to achieve readiness objectives at the least cost in accordance with OPNAVINST 5000.49.

Upon approval of the ILS Detail Specification by the Government, the contractor shall review and assess the acquisition package to ensure inclusion of all ILS requirements.

The Contractor shall provide Project Lead support for system installation kits. Utilizing GFI the Contractor shall take fabricated and machined parts along with GFM to assemble system Installation Kits. Utilizing GFI, in the form of a system request, the Contractor shall provide logistics support for shipment and tracking of installation kits.

The Contractor shall provide engineering research for acceptable substitutes for obsolete parts and perform analysis of government specifications to provide suitable commercial substitutes. The Contractor shall provide tracking reports to the Government with recommendations for improvements.

3.17 Supply and Provisioning Support

The Contractor shall provide components in support of fielded system Accessory Kits, Installation Kits or new design Modification Kits.

The contractor shall perform reviews, analyses, evaluations, and planning for packaging, handling, storage, and transportation considerations in accordance with the specifications or standards specified in the TI, or Government Furnished Information. Such analyses, reviews, and planning shall consider adequacy of levels of protection, preservation, container design, functionality, reusability, and marking.

The contractor shall conduct analyses in the areas of handling equipment, storage considerations, and transportability issues and make recommendations along with the supporting rationale for those recommendations to the Government.

This functional area consists of supply and provisioning for the repair and maintenance actions

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on electronic, mechanical, hydraulic, equipment or systems. Technical support includes removal and installation, deployment, and perform recovery of decommission equipment and systems. Perform technical assessment, testing, repair, and performance verification testing of modules, subassemblies, and system level equipment.

3.18 Training Support

The Contractor shall provide familiarization training to system users, as scheduled by Crane Project Manger. Using the technical manual or system specifications as a guide, the Contractor shall develop a rough draft training manual and provide to the Project Manager (PjM) 30 days prior to training.

The Contractor shall also provide a hard copy of the training material to all personnel being trained.

The Contractor shall develop training plans as specified in the TI. Primarily, the courses shall be for Government instructors or other support agents, who will perpetuate the training in the Government. All findings and recommendations shall be documented with supporting information. The contractor shall develop training materials and courses according to MIL-PRF-29612 and MIL-HDBK-1379 or as specified in the TI, for specified equipments and provide instructors for these courses.

The Contractor shall participate in Contractor training conferences to evaluate the effect of new system training data and make recommendations, along with the supporting rationale, to the Government in accordance with the requirements of individual TI.

3.19 In-Service Engineering, Fleet Introduction, Installation and Checkout

The Contractor shall perform ship and aircraft checks in accordance with installation drawings and specifications in preparation for installation of new or refurbished equipment.

The contractor shall annotate ship and aircraft class drawings accordingly; however, these annotations will not constitute a change to the drawing content.

The contractor shall perform the installation of equipment in accordance with the applicable installation drawings and procedures as specified in the TI.

The contractor shall conduct associated operational verification tests to assure operational integrity of the installed equipment.

The contractor shall review equipment installation requirements and documentation and provide recommendations with justifications to the Government.

The contractor shall receive, inventory and verify Government Furnished Material such as spares, support equipment, technical data, fleet introductory material and modification kits for ship or aircraft outfitting at Government Furnished Facilities as specified by the individual TI.

The Contractor shall provide In-Service Engineering and technical support to Crane Project Manager and DOD customers for the In-Service Systems.

The contractor shall maintain engineering / technical base of the In-Service systems, update parts list for each system, provide engineering support in use of systems in the operational environment, key performance parameters, and interface to other systems.

The Contractor shall maintain liaison with all DOD customers, which hold system assets, and provide all pertinent information / data / findings / conclusions gained from interaction with customer units back to Crane Project Manager.

The contractor shall review and evaluate electronic equipment, electronic components, and computer program design and design changes provided as Government Furnished Information (GFI) on systems to establish compliance with contract and mission requirements. This includes

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analyses to identify potential impacts on performance, reliability, maintainability, availability, user interface, logistics, schedule, and cost.

The contractor shall participate with the Government in design review meetings as required by the TI.

The contractor shall provide written evaluation of design or design changes along with the rationale for evaluations after completing the analysis specified.

The contractor shall provide the labor and materials to design and verify design changes.

3.20 Program Support

The contractor shall provide program management, production control, facilities management analysis, manufacturing analysis, and procurement support to programs, systems, and workload tasking.

The contractor shall analyze deficiencies and develop improvement plans, charts, and documents related to backlog tracking, backorder reporting, Item Manager queries, procurement processes, and repository support items. The reporting requirements shall be analyzed and compared to the current processes and provide recommendations to improve reporting data and information in a cost effective manner.

The contractor shall gather and manage data required for developing reports, maintaining databases, and preparing documents (automated to the maximum possible) for submission to Navy managers and DOD customers on schedule and in the format required.

The contractor shall research vendor sources for supplies, components, or system equipment to support the repair, replacement, procurement, or manufacture of electronic or mechanical systems or subsystems.

The Contractor shall provide program support for all system requirements. The Contractor shall develop, analyze, make recommendations, provide rationale for the recommendations, and provide technical and administrative support in preparing program plans and associated documentation. The Contractor shall attend informal and formal program meetings/reviews as required. The Contractor shall document the status of each action item from each review and audit as an addendum to the monthly progress/status report.

The Contractor shall provide program coordination support consisting of: (a) coordinating schedules for meetings; (b) ensuring adequate facilities; (c) preparing briefing materials; and (d) presenting briefings at approximately nine meetings, four project reviews and two program conferences.

The Contractor shall maintain a central file of presentation materials, viewgraphs and briefing materials provided as GFI.

The Contractor shall participate in technical problem meetings, user conferences and program status reviews and provide engineering support for decision making/planning meetings. Utilizing GFI, the Contractor shall develop, review, update and provide recommendations for budgets, schedules, POA&Ms, databases, program and project plans.

The Contractor shall assist in the technical development of program and project plans and provide technical data support to implement plans upon government approval.

The Contractor shall provide support to review, develop, analyze, make recommendations, provide rationale for recommendations, and provide corporate management support. This support shall include, but not be limited to, tasks in preparing strategic plans, technology transfer, and quality assurance documentation.

The Contractor shall provide qualified personnel to attend design reviews, technical problem meetings, user conferences, industry, and technical interchange meetings.

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The Contractor may represent the government at meetings in the capacity of an advisor, presenter, expert, or listener.

The Contractor shall provide meeting coordination consisting of planning meetings, coordinating schedules with participants, preparing agenda and briefing materials.

The Contractor shall review, develop, analyze, and make recommendation to corporate management for strategic plans, technology transfer, and quality assurance.

3.21 Functional, Administrative, and Clerical Support

The contractor shall provide data management support in accordance with requirements set forth in TI's issued under this PWS. These tasks encompass data management procedures in data record entry, reproduction, distribution, reporting, and verification.

The contractor shall provide support for information technology and services as specified by the TI including programming support, web publishing, interactive software, systems administration and other tasks as assigned.

The Contractor shall provide administrative and clerical support for all system requirements. The Contractor shall provide program coordination support consisting of: (a) coordinating schedules for meetings; (b) ensuring adequate facilities; (c) preparing briefing materials; and (d) presenting briefings at conferences.

The Contractor shall maintain a central file of presentation materials, viewgraphs, and briefing materials provided as GFI.

The Contractor shall participate in technical problem meetings, user conferences and program status reviews and provide engineering support for decision making/planning meetings.

4.0 GOVERNMENT FURNISHED ITEMS

4.1 Government Furnished Information

The Government will provide all applicable technical documentation and information to the contractor as Government Furnished Information (GFI). This GFI will be provided as required or at the request of the contractor.

4.2 Government Furnished Material

Government Furnished Material (GFM) will be provided when the contractor has a requirement for special or specific Government material per specific tasking.

4.3 Government Furnished Equipment

The Government will provide all equipment and computing resources including NMCI hardware, software programs and access to required files and databases. Contractors will be required to perform work on site at NSWC, Crane due to accessibility of files and other information required for the accomplishment of the tasks set forth in this SOW.

4.4 Government Furnished Facilities

The Government will provide access to the Center; furnish a work area within Government spaces with access to the facility resources and equipment for the performance of this SOW. All GFF will be specified on the TI.

4.5 Government Owned Vehicles

The Government shall provide contractor access and authorization to operate Government

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owned vehicles for the purpose of transporting materials and documents to and from buildings within the NSWC Crane confines. Additionally, the Government vehicles may be utilized by contractor personnel for transportation to and from gates to pick up visitors, tour groups, and distinguished guests.

5.0 DATA DELIVERABLES

The contractor shall deliver technical and financial data, engineering drawings, reports, and research data ordered under the Task Order. All data deliverables prepared under this Task Order shall be delivered as either a hardcopy or on electronic media or both as specified on each TI. The data items shall be delivered to the COR or the designated Requiring Technical Activity (RTA) person identified on each TI.

5.1 Scientific and Technical Reports

a. Provide the Government with Scientific and Technical Reports. Contractor Format Acceptable.

DELIVERABLE

Item: Scientific and Technical Reports include Trip Report, Recommendations, and any other required Report.

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

Medium: Electronic Form (either MS Word or Adobe PDF file format). Document shall be transmitted via email or accessible via the Internet.

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

5.2 Conference Agenda

a. Provide the Government with Conference Agenda. Contractor Format Acceptable.

DELIVERABLE

Item: Conference Agendas are required for each review or Technical Interchange Meeting (TIM).

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

Medium: Electronic Form (either MS Word or Adobe PDF file format). Document shall be transmitted via email or accessible via the Internet.

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

5.3 Conference Meetings/Minutes

a. Provide the Government with Conference/Meeting Minutes. Contractor Format Acceptable.

DELIVERABLE

Item: Conference Meeting/Minutes are required for each review or Technical Interchange Meeting (TIM).

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

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Medium: Electronic Form (either MS Word or Adobe PDF file format). Document shall be transmitted via email or accessible via the Internet.

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

5.4 Engineering Drawings and Documents

a. Provide the Government with Engineering Drawings. Format will be in accordance with Government Furnished Information (GFI).

DELIVERABLE

Item: The contractor shall provide engineering drawings and documentation necessary to satisfy the Government's requirements for Level 1 (Conceptual and Development Design); Level 2 (Production Prototype and Limited Production); and Level 3 (Production) as defined in DOD-D-1000.

Frequency: As Required. The Government shall provide notification of all required engineering drawings, documents, file format type/s and associated due dates.

Medium: Electronic Form (CAD/CAM files, Gerber files, MS Word, or Adobe PDF file format). Document shall be transmitted via email or accessible via the Internet.

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

5.5 Contractor's Progress Status and Management Report

a. Provide the Government with a Monthly Report. Contractor Format Acceptable.

DELIVERABLE

Item: The Contractor shall submit a Monthly Progress report detailing completed and planned tasking and financial expenditures.

Frequency: Monthly.

Medium: Electronic Form (either MS Word or Adobe PDF file format). Document shall be transmitted via email or accessible via the Internet.

Due Date: 30 Days after contract award and monthly thereafter.

5.6 DATA ITEM B011 TO FUNDING NOTIFICATION LETTER The contractor shall provide TO funding notification letter (example attached) in accordance with CDRL B011 (also attached.)

The Contractor is hereby required to provide CDRL B011 and the related funding notification letter to the Requiring Technical Activity (RTA); the Contracting Officer Representative (COR); the Contracting Officer (KO), and [REDACTED] .

6.0 SPECIAL CONDITIONS

6.1 Security Clearance Requirements

The work performed under this Task Order may involve access to, handling of, and generation of classified material. The contractor shall appoint a Security Officer, who shall (1) be responsible for all security aspects of the work performed under this Task Order, (2) assure compliance with

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all DOD and U.S. Navy regulations regarding security, and (3) assure compliance with any written instructions from the Security Officer of the activity issuing the TI under this Task Order. Specific security requirements applicable to the work to be performed under each TI will be identified in the individual TI.

The contractor shall conform to the provisions of DOD 5220.22-M, and shall provide for obtaining TOP SECRET security clearances for contractor employees requiring access to classified information and/or entry to controlled areas. Only those persons who have a "need-to-know" shall be given application for security clearances. Visit requests will be provided to the Crane Division Security Department on all employees requiring access to classified information.

6.2 Travel

The contractor may be required to travel throughout the continental United States (CONUS) and to locations outside of CONUS. Trip duration will normally not exceed five working days plus the required transit time. When required to obtain access to a Government facility, ship, aircraft, or other duty station, the contractor shall initiate requests for Need-to-Know Certification and submit these requests to the COR for appropriate action. The travel requirements listed below are expected but, not limited to the number of trips, quantities of people, or duration. Additional trips may be required and will be identified by TI as required.

The following is projected travel requirements for the Contractor to perform assigned tasking to support the VADS effort.

<u>Trips</u>	<u>People</u>	<u>Duration</u>	<u>From</u>	<u>To</u>
2	1	5 Days	Contractor site MCB	San Diego, CA
7	1	5 Days	Contractor site MCB	Quantico, VA
10	1	5 Days	Contractor site MCB	Camp Lejune, NC
1	1	10 Days	Contractor site	Okinawa, Japan

The following is projected travel requirements for the Contractor to perform assigned tasking to support the WTV Support Shelter effort:

<u>Trips</u>	<u>People</u>	<u>Duration</u>	<u>From</u>	<u>To</u>
4	2	7 Days	Contractor site	Camp Pendleton, CA
5	2	7 Days	Contractor site	Camp Lejune, NC

The following is projected travel requirements for the Contractor to perform assigned tasking to support the H60 Mods IPT effort.

<u>Trips</u>	<u>People</u>	<u>Duration</u>	<u>From</u>	<u>To</u>
2	1	3 Days	Contractor site	New Bern, NC

The following is projected travel requirements for the Contractor to perform assigned tasking to

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support the Emerging Critical Interconnect Electronic Technologies (ECIT) effort.

<u>Trips</u>	<u>People</u>	<u>Duration</u>	<u>From</u>	<u>To</u>
15	1	3 days	Contractor site	Washington DC
3	1	3 days	Contractor site	St. Petersburg FL
5	1	4 days	Contractor site	Chicago IL
12	1	4 days	Contractor site	Crane IN

6.2.1 Travel Authorization

All travel undertaken by the contractor for performance of tasking must have prior authorization by the Contracting Officer or the COR.

6.3 Place of Performance

The Contractor shall be required to have a building and facilities within a 50 mile distance of the Naval Surface Warfare Center, Crane, IN. to allow commuting with a one hour drive. The contractor shall provide personnel to perform services at their facility, the Naval Surface Warfare Center, Crane, IN., or any other off-site locations required to complete mission goals. Off-site locations may be in the continental U.S. or overseas locations. Contractor personnel at Crane may be required to periodically relocate as office areas are moved to conform to re-organizations within the Crane Division or continuous improvement process changes to improve efficiency.

6.4 CONTRACTING OFFICER REPRESENTATIVE (COR)

The COR for this contract is [REDACTED]

6.4.1 Requiring Technical Activity (RTA)

[REDACTED]

6.4.2 Contracting Point of Contact (POC)

[REDACTED]

6.5 Incremental Funding

This task order will be funded incrementally as required. Each project will be identified by CLIN/SLIN.

6.6 Safety and Health

The requirements of this order may require contractor personnel to come in contact or be exposed to hazardous conditions. The Contractor shall abide by all applicable federal, local and state occupational safety and health requirements. The Government will provide Standard Operating Procedures (SOP) when applicable and identify hazardous conditions in the TI. The contractor must have on record a corporate safety plan and shall provide a copy to the COR when instructed. The Contractor shall ensure all employees have appropriate Personal Protection

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Equipment (PPE). The Contractor shall ensure employees have all required training and certifications related to Occupational Safety and Health Requirements.

6.7 Period of Performance

The period of performance is thirty-three (33) months from date of award. This includes a one (1) year base with a one (1) year option plus a seven (7)-month extension with two (2) additional one month extension options.

6.8 Control of Contractor Personnel

The contractor shall comply with the requirements of NAVWPNSUPPCENINST 5510.1 and NAVWPNSUPPCENINST 5910.1. All persons engaged in work while on Government property shall be subject to search of their persons (no bodily search) and vehicles at any time by the Government, and shall report any known or suspected security violations to the Crane Division Security Department. Assignment, transfer, and reassignment of contractor personnel shall be at the discretion of the contractor. However, when the Government directs, the contractor shall remove from contract performance any person who endangers life, property, or national security through improper conduct. All contractor personnel engaged in work while on Government property shall be subject to the Standards of Conduct contained in SECNAVINST 5370.2J. Prior to conducting work under this contract, the contractor shall provide a list of employees that will be working on site. The employee list shall contain full names, security clearance levels, social security numbers, and job titles. This list shall be updated within forty-eight hours after changes occur.

6.9 Identification Badges

The contractor shall be required to obtain identification badges from the Government for contractor personnel to be located on Government property. The identification badge shall be visible at all times while employees are on Crane Division property. The contractor shall furnish all requested information required to facilitate issuance of identification badges and shall conform to applicable regulations concerning the use and possession of the badges. The contractor shall be responsible for ensuring that all identification badges issued to contractor employees are returned to the Crane Division Security Department within forty-eight hours following the completion of the contract, relocation or termination of an employee issued an identification badge, and upon request by the Contracting Officer.

6.10 Accident Reporting

The contractor shall maintain an accurate record of and shall report all accidents to the COR and/or the Crane Division Security Department as prescribed by OPNAVINST 5102.1.

6.11 Smoking Regulations

Smoking on Crane Division, Crane, IN premises shall be in approved areas only in accordance with NAVFAC P-1021. Smoking in vehicles is prohibited.

6.12 Hours of Operation

The following hours of operation shall apply to the contractor's on-site personnel and the contractor's liaison facility personnel.

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6.12.1 Normal Hours on-site

The contractor shall be permitted to utilize a flextime schedule for employees working on Crane Division, Crane, IN premises. A flextime schedule allows a starting time between the hours of 0600 and 0830 for eight of the ten workdays (nine hours per day), and between 0630 and 0900 for one of the ten workdays (eight-hour day), with a stopping time between the hours of 1500 and 1800. The contractor's full-time employee shall adhere to the same number of hours each day for eight of the ten workdays (nine hours per day) during a biweekly pay period and for one eight-hour day during the same biweekly pay period. The contractor's full-time employee is required to work 80 hours in a biweekly pay period and this work must be scheduled for fewer than 10 work days in a biweekly pay period. The contractor may be required to respond to an emergency requirement and work outside of regular working hours to perform the work required by the TI.

6.12.2 Closed Days

All closed days, when designated by the Commander or the United States Government, are associated with holidays or inclement weather. The contractor shall not be required to work on Crane Division, Crane, IN during designated closed days, except in the case of emergency.

6.12.3 Inclement Weather

When Crane Division, Crane, IN, is closed by the Commander because of inclement weather conditions (per current Inclement Weather Plan), notification of closing will be broadcast over local radio stations.

6.12.4 Holidays

There may be days each year when the Crane Division is closed by the Commander in conjunction with a holiday. These closed days are generally published at the beginning of each calendar year but can be announced on short-term notice.

6.12.5 Overtime

Overtime shall be performed as required by the RTA and to the extent authorized by Chief of Contracting Officer. The definition of overtime is as follows: work in excess of forty hours per week or work performed on Saturday, Sunday, and holidays. Overtime shall be used only upon prior approval by the COR.

6.13 Certification, Training, and Licensing Requirements

The contractor shall provide personnel with the correct certification, training, and licenses to perform the mission work safely and correctly. The following types of certification or training may be required to complete tasking. Each TI will identify the certification, training, and licensing requirements.

Solder Requirements

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J-STD-0001D

IPC-A-610D

IPC-7711

IPC-7721

IPC-WHMA-A-620

2M Certification

Other

CPR Certification

AED Certification

Forklift Operator

6.14 Data Rights

All data/documentation delivered/created in support of this effort becomes the property of the US Government and will be delivered without proprietary markings. The Government shall have Government Purpose rights for all Data associated to this contract.

6.15 Safety

The Contractor shall ensure that all work shall be conducted in a safe manner and while on Center, the contractor shall abide by all federal safety, security, and environmental regulations and be authorized use of NMCI equipment and IT services. If the Contractor fails to promptly comply with safety requirements, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken.

6.16 Release of Information

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

6.17 Privacy Act

Under US Code Title 5, Section 552, information accessed in completing this TO is subject to the Privacy Act.

6.18 Damage Reporting

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The Contractor shall maintain an accurate record of and shall report to the COR all damages to Government Furnished Equipment and Facilities as prescribed by OPNAVINST 5102.1.

6.19 Non-Personal Services

The Government will neither supervise contractor employees nor control the method by which the contractor performs the required tasks. Under no circumstances shall the Government assign tasks to, or prepare work schedules for, individual contractor employees. It shall be the responsibility of the contractor to manage its employees and to guard against any actions that are of the nature of personal services, or give the perception of personal services. If the contractor feels that any actions constitute, or are perceived to constitute personal services, it shall be the contractor's responsibility to notify the KO immediately. These services shall not be used to perform work of a policy/decision making or management nature, i.e., inherently Governmental functions. All decisions relative to programs supported by the contractor shall be the sole responsibility of the Government.

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SECTION D PACKAGING AND MARKING

All Applicable Clauses in accordance with Section D of Basic Contract
SECTION D PACKAGING AND MARKING

All provisions and clauses in SECTION D of the basic contract apply to this task order, unless otherwise specified in this task order.

DATA PACKAGING LANGUAGE (5503)

All unclassified data shall be prepared for shipment in accordance with best commercial practice.

Classified reports, data, and documentation shall be prepared for shipment in accordance with National Industrial Security Program Operating Manual (NISPOM), DOD 5220.22-M dated January 1995.

MARKING OF REPORTS (NAVSEA) (SEP 1990) (5506)

All reports delivered by the Contractor to the Government under this contract shall prominently show on the cover of the report:

- (1) name and business address of the Contractor
- (2) contract number
- (3) task order number
- (4) sponsor: _____
(Name of Individual Sponsor)

(Name of Requiring Activity)

(City and State)

PROHIBITED PACKING MATERIALS (5512)

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.

INSTRUCTIONS FOR MARKING DISTRIBUTION STATEMENT (5513)

The Contractor shall comply with the instructions cited below for placement of the distribution statement associated with data. The applicable distribution statement is identified on each Contract Data Requirements List (DD Form 1423-1). The distribution statement shall be displayed conspicuously on technical documents so as to be recognized readily by receipts.

The distribution statement shall appear on each front cover and title page of a report. If the technical document does not have a cover or title page, the applicable distribution statement shall be stamped or typed on the front page in a conspicuous position.

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SECTION E INSPECTION AND ACCEPTANCE

SECTION E INSPECTION AND ACCEPTANCE

All provisions and clauses in SECTION E of the basic contract apply to this task order, unless otherwise specified in this task order.

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at DESTINATION.

INSPECTION AND ACCEPTANCE LANGUAGE FOR DATA (5602)

Inspection and acceptance of all data shall be as specified in the Contract Data Requirements List as described within the DOW.

GOVERNMENT FURNISHED MATERIAL (SUVSEA) (MAY 1995)

Government Furnished Material: When material is furnished by the Government, the contractor's procedures shall include at least the following:

- (a) Examination upon receipt, consistent with practicality, to detect damage in transit;
- (b) Inspection for completeness and proper type;
- (c) Periodic inspection and precautions to ensure adequate storage conditions and to guard against damage from handling and deterioration during storage;
- (d) Functional testing, either prior to or after installation, or both, as required by contract to determine satisfactory operation;
- (e) Identification and protection from improper use or disposition; and
- (f) Verification of quantity.

Damaged Government Furnished Material: The contractor shall report to the Government representative any Government-furnished property found damaged, malfunctioning, or otherwise unsuitable for use. In event of damage or malfunction during or after installation, the contractor shall determine and record probable cause and necessity for withholding material from use.

Bailed Property: The contractor shall, as required by the terms of the Bailment Agreement, establish procedures for the adequate storage, maintenance, and inspection of bailed Government property. Records of all inspections and maintenance performed on bailed property shall be maintained. These procedures and records shall be subject to review by the Government representative.

[As used in the foregoing, the term "material" applies to Government-furnished equipment to be installed in or furnished with the end item.

The term "property" is Government equipment that is used in the fabrication or assembly of the end item, and is not delivered as part of the end item.]

NOTE: Government representative means Contracting Officer

CLAUSES INCORPORATED BY REFERENCE

52.246-3 Inspection of Supplies-Cost Reimbursement MAY 2001

52.246-5 Inspection of Services-Cost Reimbursement APR 1984

252.246-7000 Material Inspection and Receiving Report MAR 2003

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SECTION F DELIVERABLES OR PERFORMANCE

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

1000	8/21/2007 - 8/20/2009
1100	8/21/2008 - 5/20/2010
3000	8/21/2007 - 8/20/2009
3100	8/21/2008 - 3/20/2010

CLIN - DELIVERIES OR PERFORMANCE

The periods of performance for the following firm items are from date of task order award through thirty-three (33) months thereafter, as follows:

1000	8/21/2007 - 5/20/2010
1100	8/20/2008 - 5/20/2010
3000	8/21/2007 - 5/20/2010
3100	8/21/2008 - 5/20/2010

CLAUSES INCORPORATED BY REFERENCE

52.242-15 STOP WORK ORDER (AUG 1989)-Alternate I) APR 1984

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

DATA DELIVERY LANGUAGE FOR SERVICES PROCUREMENTS (5703)

All data to be furnished under this contract shall be delivered prepaid to destination(s) at the time(s) specified on the Contract Data Requirements List(s), DD Form 1423.

NOTE: Performance beyond 5 April 2009 is contingent upon the successful contractor earning the first award term period under their basic SeaPort-e contract. The first award term period is from 5 April 2009 through 4 April 2014.

TIME OF PERFORMANCE (SERVICES) (5711)

Services to be furnished under this task order shall be performed and completed within 1,003 days from the effective date of the task order.

SECTION G CONTRACT ADMINISTRATION DATA

All provisions and clauses in SECTION G of the basic contract apply to this task order, unless otherwise stated herein.

CONTRACTING OFFICER REPRESENTATIVE (COR)

[Redacted] Bldg 3330S
300 Highway 361
Crane, IN 47522
[Redacted]

Contract Specialist / Procuring Office Representative:
Donna J. Reynolds

300 Highway 361
Building 64 Code CXNM SD
Crane, IN 47522

e-mail: donna.reynolds@navy.mil

812 854-6104

SECURITY ADMINISTRATION (5806)

The highest level of security required under this contract is TOP SECRET as designated on DD Form 254 attached hereto and made a part hereof.

The Commander, Defense Security Service, Director of Industrial Security, ** Region, is designated Security Administrator for the purpose of administering all elements of military security hereunder.

** To be completed at time of award.

INVOICING INSTRUCTIONS AND PAYMENT FOR SERVICES

Invoices for services rendered under this contract shall be submitted electronically through Wide Area Work Flow - Receipt and Acceptance (WAWF).

The vendor shall self-register at the web site https://wawf.eb.mil. Vendor training is available on the internet at https://wawftraining.eb.mil. Additional support can be accessed by calling the NAVY WAWF Assistance Line: 1-800-559-WAWF (9293).

Select the Cost Voucher within WAWF as the invoice type. The cost voucher prepares the interim voucher. Back up documentation (such as timesheets, cost breakdowns, etc.) can be included and attached to the invoice in WAWF.

Attachments created in any Microsoft Office product are attachable to the invoice in WAWF.

The following information regarding Naval Surface Warfare Center, Crane, Indiana is provided for completion of the invoice in WAWF:

PAY DODAAC: HQ0339
WAWF Invoice Type: Cost Voucher
Issue by DODAAC: N00164
Admin DODAAC: S0514A
DCAA DODAAC: HAA245
Service Approver: N00164
Inspect by DODAAC: N/A
Service Acceptor DODAAC: N00164
LPO DODAAC: N00164

PAY The contractor shall submit invoices for payment per contract terms. The contractor shall invoice per ACN by CLIN/SLN (sub-contract line item number).

The Government shall process invoices for payment per contract terms. Payment is not to be pro-rated across ACNs. ACNs are to be paid in accordance with contractor's invoice.

After clicking the submit button a Notice of successful/unsuccessful submission screen will appear. This screen allows you to enter an additional e-mail notification address. You must click on the "Send More E-mail Notifications" link and add the e-mail address listed below for submittal of the acceptor:
Or e-mail the invoice to the following address:

CONTRACTING OFFICER REPRESENTATIVE (COR)

[Redacted] Bldg 3330S
300 Highway 361
Crane, IN 47522
[Redacted]

Additional WAWF Information:

On the Miscellaneous Tab of the invoice in WAWF attach the cost breakdown for the cost voucher amount being submitted IAW the invoicing instructions.

CONTRACT ADMINISTRATION DATA LANGUAGE (5802)

Enter below the address (street and number, city, county, state and zip code) of the Contractor's facility which will administer the task order if such address is different from the address shown on the proposal.

Address:
Street & number _____
City & State _____
County _____
Zip Code _____

CONTRACTOR PERFORMANCE ASSESSMENT RATING SYSTEM (CPARS) (JAN 2001)

(a) Pursuant to FAR 42.1502, this task order is subject to DoD's Contractor Performance Assessment System (CPARS). CPARS is an automated centralized information system accessible via the Internet that maintains reports of contractor performance for each contract/task order. CPARS is located at http://www.cpars.navy.mil/. Further information on CPARS is available at that web-site.

(b) Under CPARS, the Government will conduct annual evaluations of the contractor's performance. The contractor has thirty (30) days after the Government's evaluation is completed to comment on the evaluation.

The opportunity to review and comment is limited to this time period and will not be extended. Failure to review the report at this time will not prevent the Government from using the report.

(c) The contractor may request a meeting to discuss the CPAR. The meeting is to be requested via e-mail to the CPARS Program Manager no later than seven days following receipt of the CPAR. A meeting will then be held during the contractor's 30-day review period.

(d) The CPARS system requires the Government to assign the contractor a UserID and password in order to view and comment on the evaluation. Provide the name(s) of at least one individual (not more than three)

that will be assigned as your Defense Contractor Representative for CPARS.

Name - Phone - E-mail Address

Accounting Data

SLINID PR Number Amount

100001 726100.00
LLA 1
A1 1771109 4181 250 67854 0 067443 2D 418105 78C7452316W
Reqn. No. 72282124
Doc No. M9545007RC74523 (AA)
100002 133935.00
LLA 1
A3 1771109 4181 250 67854 0 067443 2D 418105 78C7440116W
Reqn. No. 72282127
Doc. No. M9545007 RC 74401
300001 200000.00
LLA 1
A2 1761109 4181 250 67854 0 067443 2D 418115 78C64A6616W2
Reqn. No. 72282125
Doc. No. M9545007 RC 64A66 (AA)
300002 100000.00
LLA 1
A3 1771109 4181 250 67854 0 067443 2D 418105 78C7440116W
Reqn. No. 72282126
Doc. No. M9545007 RC 74401 (AA)
BASE Funding 1160035.00
Cumulative Funding 1160035.00
MOD 01
100003 120000.00
LLA 1
A4 9770400 5103 2700025240 001 2520 833189
Standard Number: SP10010700475 (AA)
Reqn. No. 72282128

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300003 50000.00
LLA :
AA 9770400 5107 0001 2700025240 001 2520 833189
Standard Number: H001907X208786 (AA)
Req. No. 72282129

MOD 01 Funding 170000.00
Cumulative Funding 1330035.00

MOD 02
100004 59860.18
LLA :
AS 1771506 45CX 311 00019 0 050119 2D 000000 PMA209XAL1A0
Standard Number: H0001907X208786 (AA)
Req. No. 72570350

100005 110000.00
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AS 1771506 45CX 311 00019 0 050119 2D 000000 PMA209XAL1A0
Standard Number: H0001907X208786 (AA)
Req. No. 72635842

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LLA :
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Standard Number: H0001907X208786 (AA)
Req. No. 72635844

300005 10300.00
LLA :
AA 97X4930. NHJL DDD 77777 0 000164 2F 000000 6868B1686676
Req. No. 72647214

MOD 02 Funding 269860.18
Cumulative Funding 1599895.18

MOD 03
300006 49000.00
LLA :
AT 9760400 5107 007 0795.98 EPT 25.27 J339L000608 ADC ERT6
Standard Number: J339L000608 (AA)
Req. No. 72702792

MOD 03 Funding 49000.00
Cumulative Funding 1648895.18

MOD 04
100006 100000.00
LLA :
AA 97X4930. NHJL DDD 77777 0 000164 2F 000000 A3000 7A01400
Req. No. 72963442

300007 20000.00
LLA :
AA 97X4930. NHJL DDD 77777 0 000164 2F 000000 A3000 7A01400
Req. No. 72963445

MOD 04 Funding 120000.00
Cumulative Funding 1768895.18

MOD 05
300006 (49000.00)
LLA :
AT 9760400 5107 007 0795.98 EPT 25.27 J339L000608 ADC ERT6
Standard Number: J339L000608 (AA)
Req. No. 72702792

300008 49000.00
LLA :
AT 9760400 5107 007 0795.98 EPT 25.27 J339L000608 ADC ERT6 833181
Standard Number: J339L000608 (AA)
Req. No. 72702792

MOD 05 Funding 0.00
Cumulative Funding 1768895.18

MOD 06
100007 146183.16
LLA :
AS 1771109 4181 250 67854 0 067443 2D 4181B2 78C745191667
Standard Number: M9545007RC74519 (AA)
Req. No. 80609406

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LLA :
B1 1781109 4181 310 67854 0 067443 2D 4181K2 88C842001672
Standard Number: M9545008RC84200 (AA)
Req. No. 80639927

100009 1632608.00
LLA :
B2 1781109 4181 250 67854 0 067443 2D 4181K2 88C842011672
Standard Number: M9545008RC84201 (AA)
Req. No. 80639940

100010 475354.32
LLA :
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Standard Number: M9545007RC74445 (AA)
Req. No. 80609403

100011 118000.00
LLA :
BA 1771506 USCN 312 00019 0 050119 2D 000000 PMA299CAL6AA
Standard Number: H0001907X210566 (AA)
Req. No. 80652096

100012 18000.00
LLA :
BA 1771506 USCN 312 00019 0 050119 2D 000000 PMA299CAL6AA
Standard Number: H0001907X210569 (AA)
Req. No. 80652126

100013 24000.00
LLA :
B5 1771506 USCN 311 00019 0 050119 2D 000000 PMA299CAL6AA
Standard Number: H0001907X210566 (AA)
Req. No. 80652082

300009 502545.68
LLA :
B6 1781109 4181 250 67854 0 067443 2D 4181SA 00007RC64884
Standard Number: M9545007RC64884 (AA)
Req. No. 80609347
WORK MAY BE ONLY BE PERFORMED AGAINST SLIN 300009 THROUGH 30 SEPTEMBER 2008.
INVOICING FOR THOSE COSTS MAY OCCUR AFTER 30 SEPTEMBER 2008.

300010 100000.00
LLA :
B1 1781109 4181 310 67854 0 067443 2D 4181K2 88C842001672
Standard Number: M9545008RC84200 (AA)
Req. No. 80639935

300011 1250000.00
LLA :
B2 1781109 4181 250 67854 0 067443 2D 4181K2 88C842011672
Standard Number: M9545008RC84201 (AA)
Req. No. 80639938

300012 41387.00
LLA :
B7 97X4930 NCLA 000 34003 0 000383 7R 000000 1D01000VHPVH
Standard Number: H0038308XZ24804 (AA)
Req. No. 80652141
WORK MAY BE ONLY BE PERFORMED AGAINST SLIN 300012 THROUGH 30 SEPTEMBER 2008.
INVOICING FOR THOSE COSTS MAY OCCUR AFTER 30 SEPTEMBER 2008.

300013 84968.00
LLA :
B4 1771506 USCN 312 00019 0 050119 2D 000000 PMA299CAL6AA
Standard Number: H0001907X210569 (AA)
Req. No. 80652132

MOD 06 Funding 6193046.16
Cumulative Funding 6961941.34

MOD 07
100014 59838.00
LLA :
BB 97X4930. NHJL DDD 77777 0 000164 2F 000000 M6400 CM66113
Req. No. 81435110

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LLA :
B9 1771506 45BJ 310 00019 0 050120 2D 000000 HQ018RX73162
Standard Number: H0001908RX73162 (AA)
Req. No. 81435136

100016 70862.58
LLA :
C1 1781506 UISH 310 00019 0 050120 2D 000000 HQ018RX73062
Standard Number: H0001908RX73062 (AA)
Req. No. 81340827

100017 17074.80
LLA :
CC 97X4930. NHJL DDD 77777 0 000164 2F 000000 M6500 CM66146
Req. No. 81442940

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100018 17074.00
LLA :
C8 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6500 CW66153
Req. No. 81642970
100019 90000.00
LLA :
AR 97X4930, NMLJ 000 77777 0 000164 2F 000000 A3000 TA01400
Req. No. 81693382
100020 100000.00
LLA :
CT 9780400 5103 007024007024 2700025240 001 2520 833189
Standard Number: 0910010800526 (AA)
Req. No. 81780151
300014 26160.00
LLA :
C2 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6500 CW66094
Req. No. 81433843
300015 59954.00
LLA :
C3 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6500 CW66114
Req. No. 81435115
300016 20000.00
LLA :
C4 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6500 CW66090
Req. No. 81435118
300017 13638.00
LLA :
DS 1771506 458J 310 00019 0 050120 2D 000000 HQ018RX73162
Standard Number: W0001908RX73162 (AA)
Req. No. 81435127
300018 11410.00
LLA :
C5 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6500 CW66146
Req. No. 81642952
300019 11410.00
LLA :
C6 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6500 CW66153
Req. No. 81642955

MOD 07 Funding 509632.18
Cumulative Funding 7471563.52

MOD 08
100021 9000.00
LLA :
C8 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66158
Req. No. 82030852
100022 9000.00
LLA :
C9 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66190
Req. No. 82030880
100023 147000.00
LLA :
D1 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66208
Req. No. 82030925
100024 188527.00
LLA :
D2 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66196
Req. No. 82030956
100025 2000.00
LLA :
D3 1771506 458J 310 00019 0 050120 2D 000000 HQ018RX73118
Standard Number: W0001908RX73118 (AA)
Req. No. 82030942
100026 10000.00
LLA :
D4 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 B686344
Req. No. 82031017
100027 30000.00
LLA :
D5 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66180
Req. No. 82031027
100028 80000.00
LLA :
D6 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66199
Req. No. 82031039
100029 56000.00
LLA :
D7 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66236
Req. No. 82031049
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LLA :
D8 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66242
Req. No. 82062783
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LLA :
C8 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66158
Req. No. 82030874
300021 15000.00
LLA :
C9 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66190
Req. No. 82030911
300022 41487.00
LLA :
D1 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66208
Req. No. 82030934
300023 6120.00
LLA :
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Standard Number: W0001908RX73118 (AA)
Req. No. 82030989
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Req. No. 82031003
300025 11000.00
LLA :
D4 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 B686344
Req. No. 82031022
300026 20000.00
LLA :
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Req. No. 82031034
300027 61738.00
LLA :
D6 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66199
Req. No. 82031045
300028 29000.00
LLA :
D7 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66236
Req. No. 82031055
300029 98500.00
LLA :
D8 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66242
Req. No. 82062804
300030 86699.00
LLA :
B6 1761109 4181 250 67854 0 067443 2D 41818A 00007RC64884
Standard Number: M9545007RC64884 (AA)
Req. No. 82062885

MOD 08 Funding 964593.00
Cumulative Funding 8436156.52

MOD 09
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Standard Number: 0910010800526 (AA)
Req. No. 82327390
100032 340000.00
LLA :
D9 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 B686234
Req. No. 82327566
100033 1500.00
LLA :
E1 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66256
Req. No. 82317017
100034 1500.00
LLA :
E2 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 CW66258
Req. No. 82317038
300031 174000.00
LLA :
D9 97X4930, NMLJ 000 77777 0 000164 2F 000000 W6000 B686234

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Req. No. 82327412
300032 3700.00
L/A :
E3 97X4930.NH1J 000 77777 0 000164 2F 000000 W6000 CW66256
Req. No. 82317032
300033 3700.00
L/A :
E2 97X4930.NH1J 000 77777 0 000164 2F 000000 W6000 CW66256
Req. No. 82317043

MOD 09 Funding 729400.00
Cumulative Funding 9165556.52

MOD 10
110001 15300.00
L/A :
E3 1781506 USCN 252 00019 0 050120 2D 000000 A000000012880
Standard Number: M00019088X73767 (AA)
Req. No. 82591671
110002 36600.00
L/A :
E4 97X4930.NH1J 000 77777 0 000164 2F 000000 W6000 8686221
Req. No. 82613251
110003 22500.00
L/A :
E5 97X4930 NCLIA 240 85003 0 000383 7R 000383 7DP100003300
Standard Number: M0018307M224804 (AA)
Req. No. 82591691
110004 37000.00
L/A :
A8 97X4930.NH1J 000 77777 0 000164 2F 000000 A3000 7A01400
Req. No. 82548915
310001 6300.00
L/A :
E3 1781506 USCN 252 00019 0 050120 2D 000000 A000000012880
Standard Number: M00019088X73767 (AA)
Req. No. 82591685

310002 10230.00
L/A :
E5 97X4930 NCLIA 240 85003 0 000383 7R 000383 7DP100003300
Standard Number: M0018307M224804 (AA)
Req. No. 82591695
310003 62350.00
L/A :
E5 2162020 HGAJ 310 67854 067443 2D 0035MR 8RC00407150S
Standard Number: M9545008RC00407 (AA)
Req. No. 82613269

MOD 10 Funding 190280.00
Cumulative Funding 935836.52

MOD 11
110005 150000.00
L/A :
A8 97X4930.NH1J 000 77777 0 000164 2F 000000 A3000 7A01400
Req. No. 82812523

MOD 11 Funding 150000.00
Cumulative Funding 9505836.52

MOD 12
110006 502132.00
L/A :
E7 1771109 4747 250 67854 0 067443 2D 474753 78C74628164M
Standard Number: M9545007V74628 (AA)
Req. No. 83460635

FUNDING SPONSOR:
COMMANDER
MARINE CORPS SYSTEMS COMMAND
2200 LESTER STREET
QU

110007 400000.00
L/A :
E9 1781109 4181 250 67854 0 067443 2D 418105 98C8481216WV
Standard Number: M9545009C84812 (AA)
Req. No. 83511930

FUNDING SPONSOR:
COMMANDER
MARINE CORPS SYSTEMS COMMAND
2200 LESTER STREET
QU

310004 200000.00
L/A :
E7 1771109 4747 250 67854 0 067443 2D 474753 78C74628164M
Standard Number: M9545007C74628 (AA)
Req. No. 83460646

FUNDING SPONSOR:
COMMANDER
MARINE CORPS SYSTEMS COMMAND
2200 LESTER STREET
QU

310005 581000.00
L/A :
E8 1781109 4181 250 67854 0 067443 2D 41812K 98C84747163H
Standard Number: M9545009C84747 (AA)
Req. No. 83511927

FUNDING SPONSOR:
COMMANDER
MARINE CORPS SYSTEMS COMMAND
2200 LESTER STREET
QU

310006 112107.00
L/A :
E9 1781109 4181 250 67854 0 067443 2D 418105 98C8481216WV
Standard Number: M9545009C84812 (AA)
Req. No. 83511929

FUNDING SPONSOR:
COMMANDER
MARINE CORPS SYSTEMS COMMAND
2200 LESTER STREET
QU

MOD 12 Funding 1795239.00
Cumulative Funding 11331075.52

MOD 13
110008 90238099 45000.00
L/A :
F1 97X4930.NH1J 000 77777 0 000164 2F 000000 W6500 CW66283

MOD 13 Funding 45000.00
Cumulative Funding 11336075.52

MOD 14
110009 90722865 40000.00
L/A :
F2 97X4930.NH1J 000 77777 0 000164 2F 000000 W6500 DJ2PE64
110010 90722893 85000.00
L/A :
F3 97X4930.NH1J 000 77777 0 000164 2F 000000 W6500 DJ2ME54
110011 90763752 150000.00
L/A :
F4 9790400 5103 70002B7 001 2520 7024007015 S33189
Standard Number: M1PR SP10010900405 (AA)
FUNDING SPONSOR:
DLA HEADQUARTERS J8
8725 JOHN F KINGMAN RD
ATTN: TANIA SOHAN
J8 - STOP 6238
FORT BELVOIR, VA 22060-6221

110012 90798232 99000.00
L/A :
F5 9790400 5103 70002B7 001 2520 7024007009 S33189
Standard Number: M1PR SP10010900348 (AA)
FUNDING SPONSOR:
DLA HEADQUARTERS J8
8725 JOHN F KINGMAN RD
ATTN: TANIA SOHAN
J8 - STOP 6238
FORT BELVOIR, VA 22060-6221

110013 91048867 3500.00
L/A :
F6 97X4930.NH1J 000 77777 0 000164 2F 000000 W6500 DJ2PE69
110014 91048874 3500.00
L/A :
F7 97X4930.NH1J 000 77777 0 000164 2F 000000 W6500 DJ2DE69
110015 91048913 135000.00
L/A :
F8 97X4930.NH1J 000 77777 0 000164 2F 000000 W6500 DJ2RE69

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110016 91101297 26000.00
LLA :
AS 97X4930.NH1J 000 77777 0 000164 2F 000000 A3000 7A01400
300007 (20000.00)
LLA :
AS 97X4930.NH1J 000 77777 0 000164 2F 000000 A3000 7A01400
Reqn. No. 72963445
310007 90763750 150000.00
LLA :
F4 9790400 5103 70002B7 001 2520 7024007015 833189
Standard Number: MIPR SP10010900405 (AA)
FUNDING SPONSOR:
DLA HEADQUARTERS JB
8725 JOHN J KINGMAN RD
ATTN: TANIA SOHAN
JB - STOP 6238 FORT BELVOIR VA 22060-6221
310008 90798263 25000.00
LLA :
F5 9790400 5103 70002B7 001 2520 7024007009 833189
Standard Number: MIPR SP10010900348 (AA)
FUNDING SPONSOR:
DLA HEADQUARTERS JB
8725 JOHN J KINGMAN RD
ATTN: TANIA SOHAN
JB - STOP 6238 FORT BELVOIR VA 22060-6221
MOD 14 Funding 697000.00
Cumulative Funding 12043075.52
MOD 15
100008 (129350.29)
LLA :
B1 1781109 4181 310 67854 0 067443 2D 4181K2 88C842001672
Standard Number: M9545008RC84200 (AA)
Reqn. No. 80639927
110017 302000.00
LLA :
F9 97X4930.NH1J 000 77777 0 000164 2F 000000 W6500 DJ2VE69
Reqn. No. 91122507
110018 51000.00
LLA :
G1 97X4930.NH1J 000 77777 0 000164 2F 000000 W6500 DJ2TE69
Reqn. No. 91122510
110019 18500.00
LLA :
G2 97X4930.NH1J 000 77777 0 000164 2F 000000 W6500 DJ2BE69
Reqn. No. 91122512
310004 (200000.00)
LLA :
E7 1771109 4747 250 67854 0 067443 2D 474753 78C74628164M
Standard Number: M9545007RC74628 (AA)
Reqn. No. 83460646
FUNDING SPONSOR:
COMMANDER
MARINE CORPS SYSTEMS COMMAND
2200 LESTER STREET
QT
310009 108000.00
LLA :
F9 97X4930.NH1J 000 77777 0 000164 2F 000000 W6500 DJ2VE69
Reqn. No. 91122509
310010 20000.00
LLA :
G1 97X4930.NH1J 000 77777 0 000164 2F 000000 W6500 DJ2TE69
Reqn. No. 91122511
310011 14000.00
LLA :
G2 97X4930.NH1J 000 77777 0 000164 2F 000000 W6500 DJ2BE69
Reqn. No. 91122512
MOD 15 Funding 184149.75
Cumulative Funding 12227225.23
MOD 16
110020 91352866 200000.00
LLA :
E7 1771109 4747 250 67854 0 067443 2D 474753 78C74628164M
Standard Number: M9545007RC74628 (AA)
FUNDING SPONSOR:
COMMANDER
MARINE CORPS SYSTEMS COMMAND
2200 LESTER STREET
QUANTICO, VA 22134-6050
310012 91352873 129350.00
LLA :
B1 1781109 4181 310 67854 0 067443 2D 4181K2 88C842001672
Standard Number: MIPR M9545008RC84200 (AA)
FUNDING SPONSOR:
COMMANDER
MARINE CORPS SYSTEMS COMMAND
2200 LESTER STREET
QUANTICO, VA 22134-6050
MOD 16 Funding 329350.00
Cumulative Funding 12556575.23
MOD 18
110021 92319915 99000.00
LLA :
F4 9790400 5103 70002B7 001 2520 7024007015 833189
Standard Number: MIPR SP10010900405 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS JB
8725 JOHN J KINGMAN RD ATTN: TANIA SOHAN
JB - STOP 6238 FORT BELVOIR VA 22060-6221
110022 92319922 99000.00
LLA :
F5 9790400 5103 70002B7 001 2520 7024007009 833189
Standard Number: MIPR SP10010900348 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS JB
8725 JOHN J KINGMAN RD ATTN: TANIA SOHAN
JB - STOP 6238 FORT BELVOIR VA 22060-6221
110023 92320444 60000.00
LLA :
G7 97X4930.NH1J 000 77777 0 000164 2F 000000 W6700 CW66283
310013 92319683 17500.00
LLA :
G1 97X4930.NH1J 000 77777 0 000164 2F 000000 W6700 B686377
310014 92319729 20000.00
LLA :
G4 97X4930.NH1J 000 77777 0 000164 2F 000000 W6700 CW66236
310015 92319736 12000.00
LLA :
G5 97X4930.NH1J 000 77777 0 000164 2F 000000 W6700 DJ2KE66
310016 92319759 12000.00
LLA :
G6 97X4930.NH1J 000 77777 0 000164 2F 000000 W6700 DJ2LE68
310017 92319924 25000.00
LLA :
F5 9790400 5103 70002B7 001 2520 7024007009 833189
Standard Number: MIPR SP10010900348 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS JB
8725 JOHN J KINGMAN RD ATTN: TANIA SOHAN
JB - STOP 6238 FORT BELVOIR VA 22060-6221
310018 92320455 5800.00
LLA :
AS 97X4930.NH1J 000 77777 0 000164 2F 000000 A3000 7A01400
MOD 18 Funding 350300.00
Cumulative Funding 12906875.23
MOD 19
110024 92372277 99000.00
LLA :
F4 9790400 5103 70002B7 001 2520 7024007009 833189
Standard Number: MIPR SP10010900348 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS JB
8725 JOHN J KINGMAN RD ATTN: TANIA SOHAN
JB - STOP 6238 FORT BELVOIR VA 22060-6221
Note: 801 Authority is applicable, see General Info Section.
110025 92372297 503500.00
LLA :
F4 9790400 5103 70002B7 001 2520 7024007015 833189
Standard Number: MIPR SP10010900405 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS JB
8725 JOHN J KINGMAN RD ATTN: TANIA SOHAN
JB - STOP 6238 FORT BELVOIR VA 22060-6221
Note: 801 Authority is applicable, see General Info Section.
110026 92405238 50000.00
LLA :

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08 97X4930.NH1J 000 77777 0 000164 2F 000000 J2220 DJ2ME54
110027 92437025 16000.00
LLA :
08 97X4930.NH1J 000 77777 0 000164 2F 000000 J2220 CW66090
110028 92437032 20000.00
LLA :
H1 97X4930.NH1J 000 77777 0 000164 2F 000000 J2220 DJ2ME53
310019 92372283 118000.00
LLA :
F8 9790400 5103 70002B7 001 2520 7024007009 S33189
Standard Number: MIPR SP10010900348 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS J8
8725 JOHN J KINGMAN RD ATTN: TANIA SOHAN
J8 - STOP 6238 FORT BELVOIR VA 22060-6221
Note: 801 Authority is applicable, see General Info Section.
310020 92372288 25000.00
LLA :
F4 9790400 5103 70002B7 001 2520 7024007015 S33189
Standard Number: MIPR SP10010900405 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS J8
8725 JOHN J KINGMAN RD ATTN: TANIA SOHAN
J8 - STOP 6238 FORT BELVOIR VA 22060-6221
Note: 801 Authority is applicable, see General Info Section.
MOD 19 Funding 831500.00
Cumulative Funding 13738375.23
MOD 20
110029 93065534 124564.00
LLA :
H2 97X4930.NH1J 000 77777 0 000164 2F 000000 Q1000 S2J1401
310021 93211929 2658.00
LLA :
H2 97X4930.NH1J 000 77777 0 000164 2F 000000 Q1000 S2J1401
MOD 20 Funding 127222.00
Cumulative Funding 13865597.23
MOD 21
310022 93429131 15000.00
LLA :
H2 97X4930.NH1J 000 77777 0 000164 2F 000000 Q1000 S2J1401
MOD 21 Funding 15000.00
Cumulative Funding 13880597.23
MOD 22
110030 00271667 102309.00
LLA :
H3 97X4930.NH1J 000 77777 0 000164 2F 000000 J7000 DJ2VE69
110031 00271674 20000.00
LLA :
H4 97X4930.NH1J 000 77777 0 000164 2F 000000 J7000 DJ2TR69
110032 00271676 14000.00
LLA :
H5 97X4930.NH1J 000 77777 0 000164 2F 000000 J7000 DJ2ER69
110033 00271677 17500.00
LLA :
H6 97X4930.NH1J 000 77777 0 000164 2F 000000 J7000 B686377
110034 00271678 20000.00
LLA :
H7 97X4930.NH1J 000 77777 0 000164 2F 000000 J7000 CW66236
110035 00271679 12000.00
LLA :
H8 97X4930.NH1J 000 77777 0 000164 2F 000000 J7000 DJ2KE68
110036 00271681 12000.00
LLA :
H9 97X4930.NH1J 000 77777 0 000164 2F 000000 J7000 DJ2LE68
310009 (104881.15)
LLA :
F9 97X4930.NH1J 000 77777 0 000164 2F 000000 W6500 DJ2VE69
Req. No. 91122509
310010 (20000.00)
LLA :
G1 97X4930.NH1J 000 77777 0 000164 2F 000000 W6500 DJ2VE69
Req. No. 91122511
310011 (14000.00)
LLA :
G2 97X4930.NH1J 000 77777 0 000164 2F 000000 W6500 DJ2SE69
Req. No. 91122512
310013 92319683 (17500.00)
LLA :
G3 97X4930.NH1J 000 77777 0 000164 2F 000000 W6700 B686377
310014 92319729 (20000.00)
LLA :
G4 97X4930.NH1J 000 77777 0 000164 2F 000000 W6700 CW66236
310015 92319736 (12000.00)
LLA :
G5 97X4930.NH1J 000 77777 0 000164 2F 000000 W6700 DJ2KE68
310016 92319759 (12000.00)
LLA :
G6 97X4930.NH1J 000 77777 0 000164 2F 000000 W6700 DJ2LE68
MOD 22 Funding -2572.15
Cumulative Funding 13878025.08
MOD 23 Funding 0.00
Cumulative Funding 13878025.08
MOD 24
110025 92372297 (25000.00)
LLA :
F4 9790400 5103 70002B7 001 2520 7024007015 S33189
Standard Number: MIPR SP10010900405 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS J8
8725 JOHN J KINGMAN RD ATTN: TANIA SOHAN
J8 - STOP 6238 FORT BELVOIR VA 22060-6221
Note: 801 Authority is applicable, see General Info Section.
310019 92372283 (80000.00)
LLA :
F8 9790400 5103 70002B7 001 2520 7024007009 S33189
Standard Number: MIPR SP10010900348 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS J8
8725 JOHN J KINGMAN RD ATTN: TANIA SOHAN
J8 - STOP 6238 FORT BELVOIR VA 22060-6221
Note: 801 Authority is applicable, see General Info Section.
MOD 24 Funding -105000.00
Cumulative Funding 13773025.08
MOD 25
110037 00568467 80000.00
LLA :
F8 9790400 5103 70002B7 001 2520 7024007009 S33189
Standard Number: MIPR SP10010900348 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS J8
8725 JOHN J KINGMAN RD ATTN: TANIA SOHAN
J8 - STOP 6238 FORT BELVOIR VA 22060-6221
110038 00822982 64000.00
LLA :
H2 97X4930.NH1J 000 77777 0 000164 2F 000000 Q1000 S2J1401
MOD 25 Funding 144000.00
Cumulative Funding 13917025.08
MOD 26
110025 92372297 (400000.00)
LLA :
F4 9790400 5103 70002B7 001 2520 7024007015 S33189
Standard Number: MIPR SP10010900405 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS J8
8725 JOHN J KINGMAN RD ATTN: TANIA SOHAN
J8 - STOP 6238 FORT BELVOIR VA 22060-6221
Note: 801 Authority is applicable, see General Info Section.
310019 92372283 (15000.00)
LLA :
F8 9790400 5103 70002B7 001 2520 7024007009 S33189
Standard Number: MIPR SP10010900348 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS J8
8725 JOHN J KINGMAN RD ATTN: TANIA SOHAN
J8 - STOP 6238 FORT BELVOIR VA 22060-6221
Note: 801 Authority is applicable, see General Info Section.
310020 92372288 (25000.00)
LLA :
F4 9790400 5103 70002B7 001 2520 7024007015 S33189
Standard Number: MIPR SP10010900405 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS J8
8725 JOHN J KINGMAN RD ATTN: TANIA SOHAN

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J8 - ST0P 6238 FORT BELVOIR VA 22060-6221
Note: 801 Authority is applicable, see General Info Section.

MOD 26 Funding -440000.00
Cumulative Funding 13477025.08

MOD 27

110025 92372287 (55000.00)
LLA :
FS 9790400 5103 7000287 001 2520 7024007015 S33189
Standard Number: MIPR SP10010900405 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS JB
8725 JOHN J KINGMAN HD ATTN: TANIA SOHRAN
J8 - ST0P 6238 FORT BELVOIR VA 22060-6221
Note: 801 Authority is applicable, see General Info Section.

110037 00568467 (79000.00)
LLA :
FS 9790400 5103 7000287 001 2520 7024007009 S33189
Standard Number: MIPR SP10010900348 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS JB
8725 JOHN J KINGMAN HD ATTN: TANIA SOHRAN
J8 - ST0P 6238 FORT BELVOIR VA 22060-6221

310002 (9418.00)
LLA :
RS 97X4930 NCL1A 260 85003 0 000383 7R 000383 7DP100033P00
Standard Number: M0018307MKZ4804 (AA)
Req. No. 82591695
WORK MAY BE ONLY BE PERFORMED AGAINST SLIN 310002 THROUGH 30 SEPTEMBER 2008.
INVOICING FOR THOSE COSTS MAY OCCUR AFTER 30 SEPTEMBER 2008.

310008 90798263 (18688.00)
LLA :
FS 9790400 5103 7000287 001 2520 7024007009 S33189
Standard Number: MIPR SP10010900348 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS JB
8725 JOHN J KINGMAN HD ATTN: TANIA SOHRAN
J8 - ST0P 6238 FORT BELVOIR VA 22060-6221

310009 (1419.00)
LLA :
FS 97X4930 NMLJ 000 77777 0 000164 2F 000000 W6500 DJZVE69
Req. No. 91122509

310017 92319924 (25000.00)
LLA :
FS 9790400 5103 7000287 001 2520 7024007009 S33189
Standard Number: MIPR SP10010900348 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS JB
8725 JOHN J KINGMAN HD ATTN: TANIA SOHRAN
J8 - ST0P 6238 FORT BELVOIR VA 22060-6221

310019 92372283 (23000.00)
LLA :
FS 9790400 5103 7000287 001 2520 7024007009 S33189
Standard Number: MIPR SP10010900348 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS JB
8725 JOHN J KINGMAN HD ATTN: TANIA SOHRAN
J8 - ST0P 6238 FORT BELVOIR VA 22060-6221
Note: 801 Authority is applicable, see General Info Section.

MOD 27 Funding -211525.00
Cumulative Funding 13265500.08

MOD 28

100006 (0.01)
LLA :
AS 97X4930 NMLJ 000 77777 0 000164 2F 000000 A3000 7A01400
Req. No. 72963442

MOD 28 Funding -0.01
Cumulative Funding 13265500.07

MOD 29

110030 00271667 (21151.15)
LLA :
H3 97X4930 NMLJ 000 77777 0 000164 2F 000000 W6500 DJZVE69
Deob authorized on PR 1300369850

110031 00271674 (20000.00)
LLA :
H4 97X4930 NMLJ 000 77777 0 000164 2F 000000 W6500 DJZVE69
Deob authorized on PR 1300369850

110032 00271676 (14000.00)
LLA :
H5 97X4930 NMLJ 000 77777 0 000164 2F 000000 W6500 DJZVE69
Deob authorized on PR 1300369850

110034 00271678 (20000.00)
LLA :
HT 97X4930 NMLJ 000 77777 0 000164 2F 000000 W6700 CW66236
Deob authorized on PR 1300369850

110035 00271679 (12000.00)
LLA :
HS 97X4930 NMLJ 000 77777 0 000164 2F 000000 W6700 DJZKE68
Deob authorized on PR 1300369850

110036 00271681 (12000.00)
LLA :
HS 97X4930 NMLJ 000 77777 0 000164 2F 000000 W6700 DJZL658
Deob authorized on PR 1300369850

310007 90763750 (37657.50)
LLA :
FS 9790400 5103 7000287 001 2520 7024007015 S33189
Standard Number: MIPR SP10010900405 (AA)
Deob authorized on PR 1300369850
FUNDING SPONSOR: DLA HEADQUARTERS JB
8725 JOHN J KINGMAN HD ATTN: TANIA SOHRAN
J8 - ST0P 6238 FORT BELVOIR VA 22060-6221

310022 93429131 (12262.43)
LLA :
H2 97X4930 NMLJ 000 77777 0 000164 2F 000000 Q1000 S221401
Deob authorized on PR 1300369850

MOD 29 Funding -149071.08
Cumulative Funding 13116428.99

MOD 30

100008 (336.93)
LLA :
B3 1781109 4181 310 67854 0 067443 2D 4181X2 8RC842001672
Standard Number: M9545008RCR4200 (AA)
Req. No. 80639927

110037 00568467 (1000.00)
LLA :
FS 9790400 5103 7000287 001 2520 7024007009 S33189
Standard Number: MIPR SP10010900348 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS JB
8725 JOHN J KINGMAN HD ATTN: TANIA SOHRAN
J8 - ST0P 6238 FORT BELVOIR VA 22060-6221

310008 90798263 (1626.83)
LLA :
FS 9790400 5103 7000287 001 2520 7024007009 S33189
Standard Number: MIPR SP10010900348 (AA)
FUNDING SPONSOR: DLA HEADQUARTERS JB
8725 JOHN J KINGMAN HD ATTN: TANIA SOHRAN
J8 - ST0P 6238 FORT BELVOIR VA 22060-6221

MOD 30 Funding -2963.76
Cumulative Funding 13113465.23

MOD 31

110030 00271667 (20598.67)
LLA :
H3 97X4930 NMLJ 000 77777 0 000164 2F 000000 W6500 DJZVE69
Deob authorized on PR 1300369850

310009 (1112.71)
LLA :
FS 97X4930 NMLJ 000 77777 0 000164 2F 000000 W6500 DJZVE69
Req. No. 91122509

MOD 31 Funding -21711.38
Cumulative Funding 13091753.85

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SECTION H SPECIAL CONTRACT REQUIREMENTS

All provisions and clauses in SECTION H of the basic contract apply to this task order, unless otherwise stated herein.

MANDATORY REQUIREMENTS

The following are mandatory requirements that must be met and maintained through the life of the order:

1. The contractor's facility supporting this requirement must have or be eligible to obtain a facility clearance and storage capability up to the TOP SECRET level for both processing and storage.

GOVERNMENT FURNISHED PROPERTY (PERFORMANCE) (SEP 1990)(NAVSEA 5252.245-9108)

The Government will provide only that property set forth below, notwithstanding any term or condition of this contract to the contrary. Upon Contractor's written request to the cognizant CONTRACTING OFFICER REPRESENTATIVE (COR), via the cognizant Procuring Contract Office (NSWC Crane), the Government will furnish the following for use in the performance of this contract:

*To be identified upon issuance of Technical Instruction (TI) letters.

TECHNICAL INSTRUCTIONS (MAY 1993) (NAVSEA 5252.242-9115)

(a) Performance of the work hereunder shall be subject to written technical instructions/technical direction letters signed by the CONTRACTING OFFICER REPRESENTATIVE (COR) specified in Section G of this contract. As used herein, technical instructions/technical direction letters are defined to include the following:

- (1) Directions to the Contractor which suggest pursuit of certain lines of inquiry, shift work emphasis, fill in details or otherwise serve to accomplish the contractual statement of work.
- (2) Guidelines to the Contractor which assist in the interpretation of drawings, specifications or technical portions of work description.

(b) Technical instructions must be within the general scope of work stated in the contract. Technical instructions may not be used to:

- (1) assign additional work under the contract;
- (2) direct a change as defined in the "CHANGES" clause of this contract;
- (3) increase or decrease the contract price or estimated contract amount (including fee), as applicable, the level of effort, or the time required for contract performance; or
- (4) change any of the terms, conditions or specifications of the contract.

(c) If, in the opinion of the Contractor, any technical instruction/technical direction letters calls for effort outside the scope of the contract or is inconsistent with this requirement, the Contractor shall notify the Procuring Contracting Officer (NSWC Crane) 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/technical direction letter unless and until the Contractor is notified by the Procuring Contracting Officer (NSWC Crane) that the technical instruction/technical direction letter 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/technical direction letter.

CONFORMANCE WITH THE ENVIRONMENTAL MANAGEMENT SYSTEM

The Contractor shall perform work under this contract, at the installation or at the Contractor site, consistent

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with the policy and objectives identified in the installation's Environmental Management System (EMS) and applicable rules and regulations provided to the contractor as Government Furnished Information (GFI). The Contractor shall perform work in a manner that conforms to objectives and targets, environmental programs and operational controls identified by the EMS. The Contractor shall provide monitoring and measurement information as required by the EMS coordinator (Environmental Protection Manager) to address environmental performance relative to environmental, energy, and transportation management goals.

In the event an EMS nonconformance or environmental noncompliance associated with the contracted services, tasks, or actions occurs, the Contractor shall be responsible for coordinating with the installation's Environmental Protection office on proposed corrective and/or preventive actions and for completing all corrective/preventive actions as required by the EMS coordinator or the Environmental Protection Office. In addition, the Contractor shall ensure its employees are aware of their roles and responsibilities under the EMS and Environmental laws and regulations, and how these EMS roles and responsibilities affect work performed under the contract.

The Contractor shall be responsible for ensuring their employees receive applicable environmental and occupational health and safety training, and maintain regulatory-required specific training for the type of work to be conducted. All Contractor personnel, and their subcontractor personnel, performing tasks that have the potential to cause an environmental impact shall be competent on the basis of appropriate education, training or experience. Upon contract award, the Government will provide EMS Awareness and Environmental Awareness training on CD to the Contractor. The contractor shall provide the EMS coordinator with all training records required by the EMS coordinator or the Environmental Protection Office (including but not limited to EMS training, waste water treatment certifications, asbestos certifications, etc.) for all contractor personnel and subcontractor personnel within 30 days prior to performance or at time of contract award whichever comes first and annually thereafter. The installation EMS Coordinator will retain associated records.

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.

ALLOTMENT OF FUNDS (MAY 1993) (NAVSEA 5252.232-9104)

(a) This contract is incrementally funded with respect to both cost and fee. The amount(s) presently available and allotted to this contract for payment of fee for incrementally funded contract line item number/contract subline item number (CLIN/SLIN), subject to the clause entitled "FIXED FEE" (FAR 52.216 8) or "INCENTIVE FEE" (FAR 52.216 10), as appropriate, is specified below. The amount(s) presently available and allotted to this contract for payment of cost for incrementally funded CLINs/SLINs is set forth below.

As provided in the clause of this contract entitled "LIMITATION OF FUNDS" (FAR 52.232 22), the CLINs/SLINs covered thereby, and the period of performance for which it is estimated the allotted amount(s) will cover are as follows:

***Refer to "SECTION F & G - CONTRACT ADMINISTRATION DATA".**

H30S LIMITATION OF LIABILITY - INCREMENTAL FUNDING (JUN 2004)

This task order is incrementally funded and the amount currently available for payment hereunder is limited to

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\$ * inclusive of fee, profit and all other charges. The clause entitled, Limitation of Funds (FAR 52.232-22), applies. The Government is not obligated to reimburse the Contractor for costs incurred in excess of this amount unless additional funds are made available and are incorporated as a modification to this task order.

***Refer to Page 2, General Information Section.**

H81S TRAVEL COSTS AND RESPONSIBILITIES

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

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

H83S SERVICE CONTRACT ACT WAGE DETERMINATION (JUN 2004)

The applicable Service Contract Act Wage Determinations by the Secretary of Labor are provided as attachments in Section J.

HC25S ACCESS TO GOVERNMENT SITE (JUN 2004)

(a) Contractor personnel shall comply with all current badging and security procedures required to gain access to any Government site. 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 bear 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.

HG10S CONTRACTUAL AUTHORITY AND COMMUNICATIONS (JUN 2004)

(a) Except as specified in subparagraph (b) below, 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.

(b) The Contractor shall not comply with any order, direction or request of Government personnel unless it is issued in writing and signed by the Contracting Officer, or is pursuant to specific authority otherwise included as a part of this task order.

(c) 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. In the event the contractor effects any change at the direction of any person other than the Contracting Officer, the change will be considered to have been made without authority and no adjustment will be made in the task order price to cover any increase in charges incurred as a result thereof.

H100S PERFORMANCE BASED CONTRACTING PRICE REDUCTION FIXED PRICE (AUG 2004)

The Government may reduce the fixed price of the corresponding task order line item when services are not performed or do not meet task order requirements. The Government shall provide written notification to the contractor detailing the lack of performance or non-compliance with the Performance Standards.

HP10S OPTION TO EXTEND THE TERM OF THE TASK ORDER

This task order is renewable at the prices stated in Section B of the Contractor's proposal, at the option of the Government. The Contracting Officer shall give written notice, to the Contractor, of Option Year I renewal within

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366 days from effective date of task order award. Such a preliminary notice of intent to renew shall not be deemed to commit the Government to renewals. If the Government exercises these options for renewal, the task order as renewed shall be deemed to include this option provision however, the total duration of this task order, including the exercise of any options, extensions, and options to extend under this clause, shall not exceed thirty-three (33) months.

HQ-C-2-0014 CONTRACTOR'S PROPOSAL (NAVSEA) (SEP 1990)

(a) Performance of this contract by the Contractor shall be conducted and performed in accordance with detailed obligations to which the Contractor committed itself in Proposal dated in response to NSWC Crane Solicitation No. N00024-07-R-3432.

(b) The technical volume(s) of the Contractor's proposal is incorporated by reference and hereby made subject to the provisions of the "ORDER OF PRECEDENCE" (FAR 52.215-08) clause of this contract. Under the "ORDER OF PRECEDENCE" clause, the technical volume of the Contractor's proposal referenced herein is hereby designated as item (f) of the clause following "The specifications" in order of precedence.

WORK WEEK

(a) All or a portion of the effort under this contract will be performed on a Government installation. The normal work week shall be Monday through Friday for all straight time worked. No deviation in the normal workweek will be permitted without express advance approval in writing by the designated Ordering Officer with coordination of the using departments. In the event that the contractor fails to observe such normal work week, any costs incurred by the Government resulting therefrom, shall be chargeable to the contractor. Work on Center shall be performed during the normal work hours at that location unless differing hours are specified on the individual delivery orders. For purposes of scheduling personnel, the contractor is hereby advised that the Government Installation will observe ten Federal Government holidays each year. The contractor is further advised that access to the Government installation may be restricted on these holidays:

- (1) Martin Luther King - January
- (2) President's Day - February
- (3) Memorial Day - May
- (4) Independence Day - July
- (5) Labor Day - September
- (6) Columbus Day - October
- (7) Veterans Day - November
- (8) Thanksgiving - November
- (9) Christmas - December
- (10) New Years Day - January

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

(c) In the event the Contractor is prevented from performance as the result of an Executive Order or an administrative

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leave determination applying to the using activity, such time may be charged to leave or indirect charges in accordance with the company policy.

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SECTION I CONTRACT CLAUSES

Note: All the provisions and clauses of SECTION I of the basic contract apply to this task order unless otherwise specified herein.

CLAUSES INCORPORATED BY REFERENCE (FEB 1996) (PAR 52.202-2)

The contract incorporates all of the clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at the following address: <http://www.farweb.dod.mil>

- 52.200-1 Definitions (DEC 2001)
- 52.216-4 Allowable Cost and Payment (DEC 2002)
- 52.216-4 Fixed Fee (MAR 1987)
- 52.218-6 Notice of Total Small Business Set-Aside (JUNE 2003)
- 52.218-8 Utilization of Small Business Concerns (OCT 2000)
- 52.218-14 Limitations on Subcontracting (DEC 1996)
- 52.222-26 Equal Opportunity (APR 2002)
- 52.222-26 Equal Opportunity for Special Disabled Veterans, Veterans (DEC 2001) of the Vietnam Era, and Other Eligible Veterans
- 52.222-26 Affirmative Action for Workers with Disabilities (JAN 1986)
- 52.222-27 Equipment Reports on Disabled Veterans and Veterans of the Vietnam Era (DEC 2001)
- 52.222-41 Service Contract Act of 1965, As Amended (MAY 1985)
- 52.228-5 Insurance-Risk On A Government Installation (JAN 1997)
- 52.228-7 Insurance-Liability to Third Parties (MAR 1997)
- 52.232-19 Availability of Funds for the Next Fiscal Year (APR 1984)
- 52.232-23 Limitation of Funds (APR 1984)
- 52.232-23 Assignment of Claims-Alternate 1 (APR 1984) (JAN 1986)
- 52.232-23 Prompt Payment-Alternate 1 (FEB 2000) (OCT 2000)
- 52.242-2 Changes-Cost Reimbursement (AUG 1987)Alternate 1 (APR 1984)
- 52.242-2 Subcontracts (JUG 1986)
- 52.245-5 Government Property (Cost-Reimbursement, Time-and-Material-or-Labor-Hour Government) (JUN 2002)
- 52.245-4 Termination (Cost-Reimbursement) (SEP 1982) (FARS Clause)
- 52.225-7104 Reporting of Contract Performance Outside the US (APR 2000) United States
- 52.227-7013 Rights in Technical Data-Noncommercial Items (NOV 1995)
- 52.227-7100 Technical Data-Resolving of Payment (FAR 2000)
- 52.251-7100 Ordering from Government Supply Sources (NOV 2004)

CLAUSES IN FULL TEXT

52.222-2 Payment for Overtime Premiums.

As prescribed in 22.102-5(b), insert the following clause: Payment for Overtime Premiums (July 1990)

- (a) The use of overtime is authorized under this contract if the overtime premium does not exceed **\$1,548,821.75** or the overtime premium is paid for work--
 - (1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;
 - (2) By instructor employees such as those performing duties in connection with subcontracting, production, transportation, maintenance, inventory plan operations, operation of utilities, or accounting;
 - (3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in right of allot that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or
 - (4) That will result in lesser overall costs to the Government.
- (b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall--
 - (1) Identify the work unit, e.g., department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;
 - (2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;
 - (3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and
 - (4) Provide reasons why the request could not be performed by using multiple shift operations or by employing additional personnel.

* Insert either "zero" or the dollar amount agreed to during negotiations. The inserted figure does not apply to the exceptions in paragraph (a)(1) through (a)(4) of the clause.

52.222-7999 Additional Requirements and Responsibilities Restricting the Use of Mandatory Arbitration Agreements

(DEVIATION)
Use the following clause in all contracts in excess of \$1 million utilizing funds appropriated by the Fiscal Year 2010 Defense Appropriations Act (Pub. L. 111-118), except in contracts for the acquisition of commercial items and commercially available off-the-shelf items.

**ADDITIONAL REQUIREMENTS AND RESPONSIBILITIES
RESTRICTING THE USE OF MANDATORY ARBITRATION
AGREEMENTS (DEVIATION) (FEB 2010)**

- (b) Definitions.
 - "Covered subcontract" as used in this clause, means any subcontract, except a subcontract for the acquisition of commercial items or commercially available off-the-shelf items, that is in excess of \$1 million and uses Fiscal Year 2010 funds.
 - (c) The Contractor:
 - (1) Agrees not to:
 - (A) Enter into any agreement with any of its employees or independent contractors that requires, as a condition of employment, that the employee or independent contractor agree to resolve through arbitration any claim under title VII of the Civil Rights Act of 1964 or any tort related to or arising out of sexual assault or harassment, including assault and battery, intentional infliction of emotional distress, false imprisonment, or negligent hiring, supervision, or retention; or
 - (B) Take any action to enforce any provision of an existing agreement with an employee or independent contractor that mandates that the employee or independent contractor resolve through arbitration any claim under title VII of the Civil Rights Act of 1964 or any tort related to or arising out of sexual assault or harassment, including assault and battery, intentional infliction of emotional distress, false imprisonment, or negligent hiring, supervision, or retention; and
 - (C) Certify, by signature of the contract, to contracts awarded after June 17, 2010, that it requires each covered subcontractor to agree not to enter into, and not to take any action to enforce any provision of any agreements, as described in paragraph (b)(1)(C) of this clause, with respect to any employee or independent contractor performing work related to such subcontracts.
 - (2) The prohibitions of this clause do not apply with respect to a Contractor's or subcontractor's agreements with employees or independent contractors that may not be enforced in a court of the United States.
 - (3) The Secretary of Defense may waive the applicability of the restrictions of paragraph (b) to the Contractor or a particular subcontractor for the purposes of the contract or a particular subcontract if the Secretary or the Deputy Secretary personally determines that the waiver is necessary to avoid harm to national security interests of the United States, and that the term of the contract or subcontract is not longer than necessary to avoid such harm. This determination will be made public not less than 15 business days before the contract or subcontract addressed in the determination may be awarded.

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SECTION J LIST OF ATTACHMENTS

Attachment 1 DD254 Basic TS

Attachment 2 Wage Determination

Attachment 3 Wage Determination - 05-2183 Rev. 6 for MOD 009

Attachment 4 Funding Notification Letter (Example)

Attachment 5 - CDRL B011