

2. AMENDMENT/MODIFICATION NO. 37	3. EFFECTIVE DATE 01-May-2017	4. REQUISITION/PURCHASE REQ. NO. 1300636685,1300636683	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY NAVAIR Aircraft Division Pax River 21983 BUNDY ROAD, Bldg 441 Patuxent River MD 20670 sherona.thomas@navy.mil 240-298-1615	CODE N00421	7. ADMINISTERED BY (If other than Item 6) DCMA Baltimore 217 EAST REDWOOD STREET, SUITE 1800 BALTIMORE MD 21202-3375	CODE S2101A SCD: C

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) AMEWAS 44427 Airport Road, Ste 200 California MD 20619		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. N00178-04-D-4011 / N00178-04-D-4011-M803 10B. DATED (SEE ITEM 13) 01-May-2012
CAGE CODE 3Y493	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.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 42.103(a) mutual agreement of both parties and 5252.216.22
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

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

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

15A. NAME AND TITLE OF SIGNER (Type or print) Chuck Jeffries, President	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sotanya Rushing, Contracting Officer
15B. CONTRACTOR/OFFEROR /s/Chuck Jeffries (Signature of person authorized to sign)	15C. DATE SIGNED 28-Apr-2017
	16B. UNITED STATES OF AMERICA BY /s/Sotanya Rushing (Signature of Contracting Officer)
	16C. DATE SIGNED 28-Apr-2017

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GENERAL INFORMATION

The purpose of this modification is to realign ceilings and establish new CLINs (Labor 7100, Material 9100 and Travel 9101) to Option Year V as depicted below:

Realign from CLIN 4000 to CLIN 7100 in the amount of \$1,592,810.95 (\$1,504,757.98 Cost and \$88,052.97 fee)

Realign from CLIN 4100 to CLIN 7100 in the amount of \$1,794,506.82 (\$1,697,666.96 Cost and \$96,839.86 fee)

Realign from CLIN 4200 to CLIN 7100 in the amount of \$677,851.98 (\$635,905.65 Cost and \$41,946.33 fee)

Realign from CLIN 4300 to CLIN 7100 in the amount of \$600,375.58 (\$562,875.77 Cost and \$37,499.81 fee)

Clin 7100 is broken out as follows in the amount of \$4,665,545.33 (\$4,401,206.36 Cost and \$264,338.97 fee)

Realign from CLIN 9001 in the amount of \$155,000 to CLIN 9100

Realign from CLIN 6002 to CLIN 9100 in the amount of \$732.38

Realign from CLIN 6102 to CLIN 9100 in the amount of \$896.49

Realign from CLIN 6302 to CLIN 9101 in the amount of \$236,000

Realign from CLIN 9002 to CLIN 9101 in the amount of \$1,700,000

To provide incremental funding in the amount of \$1,979,000.00

Accordingly, said Task Order is modified as follows: A conformed copy of this Task Order is attached to this modification for informational purposes only.

The Line of Accounting information is hereby changed as follows:

The total amount of funds obligated to the task is hereby increased from \$39,877,190.87 by \$1,979,000.00 to \$41,856,190.87.

CLIN/SLIN	Type Of Fund	From (\$)	By (\$)	To (\$)
710001	RDT&E	0.00	19,000.00	19,000.00
710002	RDT&E	0.00	101,000.00	101,000.00
710003	RDT&E	0.00	200,000.00	200,000.00
710004	RDT&E	0.00	100,000.00	100,000.00
710005	RDT&E	0.00	100,000.00	100,000.00
710006	RDT&E	0.00	100,000.00	100,000.00
710007	RDT&E	0.00	100,000.00	100,000.00
710008	RDT&E	0.00	110,000.00	110,000.00
710009	RDT&E	0.00	364,000.00	364,000.00
910001	RDT&E	0.00	5,000.00	5,000.00
910002	RDT&E	0.00	20,000.00	20,000.00

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910003	RDT&E	0.00	145,000.00	145,000.00
910101	RDT&E	0.00	50,000.00	50,000.00
910102	RDT&E	0.00	150,000.00	150,000.00
910103	RDT&E	0.00	50,000.00	50,000.00
910104	RDT&E	0.00	50,000.00	50,000.00
910105	RDT&E	0.00	50,000.00	50,000.00
910108	RDT&E	0.00	250,000.00	250,000.00
910109	RDT&E	0.00	15,000.00	15,000.00

The total value of the order is hereby increased from \$47,037,417.93 by \$45,000.00 to \$47,082,417.93.

CLIN/SLIN	From (\$)	By (\$)	To (\$)
4000	5,634,017.16	(1,592,810.95)	4,041,206.21
4100	6,062,448.91	(1,794,506.82)	4,267,942.09
4200	6,639,351.98	(677,851.98)	5,961,500.00
4300	6,828,752.35	(600,375.58)	6,228,376.77
6002	1,420,732.38	(732.38)	1,420,000.00
6102	1,528,896.49	(896.49)	1,528,000.00
6302	3,318,250.00	(236,000.00)	3,082,250.00
7100	0.00	4,665,545.33	4,665,545.33
9001	200,000.00	(155,000.00)	45,000.00
9002	5,928,375.00	(1,700,000.00)	4,228,375.00
9100	0.00	201,628.87	201,628.87
9101	0.00	1,936,000.00	1,936,000.00

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

CLIN/SLIN	From	To
7100		5/1/2017 - 4/30/2018
9100		5/1/2017 - 4/30/2018
9101		5/1/2017 - 4/30/2018

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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
4000	AJ42	Base Period: Engineering and Technical Support in accordance with Performance Based Statement of Work (PBSOW) and the Quality Assurance Surveillance Plan (QASP) Cost-Plus-Fixed-Fee (CPFF). (RDT&E)	1.0	LO	\$3,817,974.71	\$223,231.50	\$4,041,206.21
400001	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5449 LABOR) (RDT&E)					
400002	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 LABOR) (RDT&E)					
400003	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 NERF LABOR) (RDT&E)					
400004	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 LIGHT LABOR) (RDT&E)					
400005	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EMP LABOR) (RDT&E)					
400006	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EMP LABOR) (RDT&E)					
400007	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 AATF LABOR) (RDT&E)					
400008	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 ASIL LABOR) (RDT&E)					
400009	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5449 EMI LABOR) (RDT&E)					
400010	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME PATRIOT LABOR) (RDT&E)					
400011	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME ASIL LABOR) (RDT&E)					
400012	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME NERF LABOR) (RDT&E)					
400013	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME EMP LABOR) (RDT&E)					
400014	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME NERF LABOR) (RDT&E)					
400015	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 AATF LABOR) (RDT&E)					
400016	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME ASIL LABOR) (RDT&E)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
400017	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME DAPS LABOR) (RDT&E)					
400018	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME EMP LABOR) (RDT&E)					
400019	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME LIGHT LABOR) (RDT&E)					
400020	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME PSTATIC LABOR) (RDT&E)					
400021	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5449 EMI LABOR) (RDT&E)					
400022	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5449 EMI LABOR) (RDT&E)					
400023	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME LIGHT LABOR (RDT&E)					
400024	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME LIGHT LABOR (RDT&E)					
400025	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME LIGHT LABOR (RDT&E)					
400026	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME LIGHT LABOR (RDT&E)					
400027	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME LIGHT LABOR (RDT&E)					
400028	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME LIGHT LABOR (RDT&E)					
400029	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME LIGHT LABOR (RDT&E)					
400030	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME LIGHT LABOR (RDT&E)					
400031	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EMI LABOR) (RDT&E)					
400032	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME NERF LABOR) (RDT&E)					
400033	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME AATF LABOR) (RDT&E)					
400034	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 EME NERF LABOR) (RDT&E)					
400035	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 LABOR) (WCF)					
400036	AJ42	FUNDING IN SUPPORT OF CLIN 4000 (5446 LABOR) (WCF)					
4100	AJ42	Option Period I: Engineering and Technical Support in accordance with Performance Based Statement of Work	1.0	LO	\$4,032,180.56	\$235,761.53	\$4,267,942.09

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		(PBSOW)and the QASP. Cost-Plus-Fixed-Fee (CPFF). (RDT&E)					
410001	AJ42	Funding in support of CLIN 4100 (WCF)					
410002	AJ42	Funding in support of CLIN 4100 (WCF)					
410003	AJ42	Funding in support of CLIN 4100 (WCF)					
410004	AJ42	Funding in support of CLIN 4100 (WCF)					
410005	AJ42	Funding in support of CLIN 4100 (WCF)					
410006	AJ42	Funding in support of CLIN 4100 (WCF)					
410007	AJ42	Funding in support of CLIN 4100 (WCF)					
410008	AJ42	Funding in support of CLIN 4100 (WCF)					
410009	AJ42	Funding in support of CLIN 4100 (WCF)					
410010	AJ42	Funding in support of CLIN 4100 (WCF)					
410011	AJ42	Funding in support of CLIN 4100 (WCF)					
410012	AJ42	Funding in support of CLIN 4100 (WCF)					
410013	AJ42	Funding in support of CLIN 4100 (WCF)					
410014	AJ42	Funding in support of CLIN 4100 (WCF)					
410015	AJ42	Funding in support of CLIN 4100 (WCF)					
410016	AJ42	Funding in support of CLIN 4100 (WCF)					
410017	AJ42	Funding in support of CLIN 4100 (WCF)					
410018	AJ42	Funding in support of CLIN 4100 (WCF)					
410019	AJ42	Funding in support of CLIN 4100 (WCF)					
410020	AJ42	Funding in support of CLIN 4100 (WCF)					
410021	AJ42	Funding in support of CLIN 4100 (WCF)					
410022	AJ42	Funding in support of CLIN 4100 (WCF)					
410023	AJ42	Funding in support of CLIN 4100 (WCF)					
410024	AJ42	Funding in support of CLIN 4100 (WCF)					
410025	AJ42	Funding in support of CLIN 4100 (WCF)					
410026	AJ42	Funding in support of CLIN 4100 (WCF)					
410027	AJ42	Funding in support of CLIN 4100 (WCF)					
410028	AJ42	Funding in support of CLIN 4100 (WCF)					
410029	AJ42	Funding in support of CLIN 4100 (WCF)					
410030	AJ42	Funding in support of CLIN 4100 (WCF)					
410031	AJ42	Funding in support of CLIN 4100 (WCF)					
410032	AJ42	Funding in support of CLIN 4100 (WCF)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
410033	AJ42	Funding in the support of CLIN 4100 (WCF)					
410034	AJ42	Funding in the support of CLIN 4100 (RDT&E)					
4200	AJ42	Option Period II: Engineering and Technical Support in accordance with Performance Based Statement of Work (PBSOW) and the QASP. Cost-Plus-Fixed-Fee (CPFF). (RDT&E)	1.0	LO	\$5,640,077.83	\$321,422.17	\$5,961,500.00
420001	AJ42	Funding in support of CLIN 4200 (WCF)					
420002	AJ42	Funding in support of CLIN 4200 (WCF)					
420003	AJ42	Funding in support of CLIN 4200 (WCF)					
420004	AJ42	Funding in support of CLIN 4200 (WCF)					
420005	AJ42	Funding in support of CLIN 4200 (WCF)					
420006	AJ42	Funding in support of CLIN 4200 (WCF)					
420007	AJ42	Funding in support of CLIN 4200 (WCF)					
420008	AJ42	Funding in support of CLIN 4200 (WCF)					
420009	AJ42	Funding in support of CLIN 4200 (WCF)					
420010	AJ42	Funding in support of CLIN 4200 (WCF)					
420011	AJ42	Funding in support of CLIN 4200 (WCF)					
420012	AJ42	Funding in support of CLIN 4200 (WCF)					
420013	AJ42	Funding in support of CLIN 4200 (WCF)					
420014	AJ42	Funding in support of CLIN 4200 (WCF)					
420015	AJ42	Funding in support of CLIN 4200 (WCF)					
420016	AJ42	Funding in support of CLIN 4200 (WCF)					
420017	AJ42	Funding in support of CLIN 4200 (WCF)					
420018	AJ42	Funding in support of CLIN 4200 (WCF)					
420019	AJ42	Funding in support of CLIN 4200 (WCF)					
420020	AJ42	Funding in support of CLIN 4200 (WCF)					
420021	AJ42	Funding in support of CLIN 4200 (WCF)					
420022	AJ42	Funding in support of CLIN 4200 (WCF)					
420023	AJ42	Funding in support of CLIN 4200 (WCF)					
420024	AJ42	Funding in support of CLIN 4200 (WCF)					
420025	AJ42	Funding in support of CLIN 4200 (WCF)					
420026	AJ42	Funding in support of CLIN 4200 (WCF)					
420027	AJ42	Funding in support of CLIN 4200 (WCF)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
420028	AJ42	Funding in support of CLIN 4200 (WCF)					
420029	AJ42	Funding in support of CLIN 4200 (WCF)					
420030	AJ42	Funding in support of CLIN 4200 (WCF)					
420031	AJ42	Funding in support of CLIN 4200 (WCF)					
420032	AJ42	Funding in support of CLIN 4200 (WCF)					
420033	AJ42	Funding in support of CLIN 4200 (WCF)					
420034	AJ42	Funding in support of CLIN 4200 (WCF)					
420035	AJ42	Funding in support of CLIN 4200 (WCF)					
420036	AJ42	Funding in support of CLIN 4200 (WCF)					
4300	AJ42	Option Period III: Engineering and Technical Support in accordance with Performance Based Statement of Work (PBSOW)and the QASP. Cost-Plus-Fixed-Fee (CPFF). (RDT&E)	1.0	LO	\$5,892,475.50	\$335,901.27	\$6,228,376.77
430001	AJ42	Funding in support of CLIN 4300 (WCF)					
430002	AJ42	Funding in support of CLIN 4300 (WCF)					
430003	AJ42	Funding in support of CLIN 4300 (WCF)					
430004	AJ42	Funding in support of CLIN 4300 (WCF)					
430005	AJ42	Funding in support of CLIN 4300 (WCF)					
430006	AJ42	Funding in support of CLIN 4300 (WCF)					
430007	AJ42	Funding in support of CLIN 4300 (WCF)					
430008	AJ42	Funding in support of CLIN 4300 (WCF)					
430009	AJ42	Funding in support of CLIN 4300 (RDT&E)					
430010	AJ42	Funding in support of CLIN 4300 (WCF)					
430011	AJ42	Funding in support of CLIN 4300 (WCF)					
430012	AJ42	Funding in support of CLIN 4300 (WCF)					
430013	AJ42	Funding in support of CLIN 4300 (WCF)					
430014	AJ42	Funding in support of CLIN 4300 (WCF)					
430015	AJ42	Funding in support of CLIN 4300 (WCF)					
430016	AJ42	Funding in support of CLIN 4300 (WCF)					
430017	AJ42	Funding in support of CLIN 4300 (WCF)					
430018	AJ42	Funding in support of CLIN 4300 (WCF)					
430019	AJ42	Funding in support of CLIN 4300 (WCF)					
430020	AJ42	Funding in support of CLIN 4300 (WCF)					
430021	AJ42	Funding in support of CLIN 4300 (WCF)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
430022	AJ42	Funding in support of CLIN 4300 (WCF)					
430023	AJ42	Funding in support of CLIN 4300 (WCF)					
430024	AJ42	Funding in support of CLIN 4300 (WCF)					
430025	AJ42	Funding in support of CLIN 4300 (WCF)					
430026	AJ42	Funding in support of CLIN 4300 (WCF)					
430027	AJ42	Funding in support of CLIN 4300 (WCF)					
430028	AJ42	Funding in support of CLIN 4300 (WCF)					
430029	AJ42	Funding in support of CLIN 4300 (WCF)					
430030	AJ42	Funding in support of CLIN 4300 (WCF)					
430031	AJ42	Funding in support of CLIN 4300 (WCF)					
430032	AJ42	Funding in support of CLIN 4300 (WCF)					
430033	AJ42	Funding in support of CLIN 4300 (WCF)					
430034	AJ42	Funding in support of CLIN 4300 (WCF)					

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
6001	AJ42	Base Period Travel Support for CLIN 4000 - Cost Reimbursable (No Fee) (RDT&E)	1.0	LO	\$20,000.00
600101	AJ42	FUNDING IN SUPPORT OF CLIN 6001 (5446 TRAVEL) (RDT&E)			
600102	AJ42	FUNDING IN SUPPORT OF CLIN 6001 (5446 TRAVEL) (RDT&E)			
6002	AJ42	Base Period Material Support for CLIN 4000 - Cost Reimbursable (No Fee) (RDT&E)	1.0	LO	\$1,420,000.00
600201	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5449 MATERIAL) (RDT&E)			
600202	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5449 MATERIAL) (RDT&E)			
600203	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5449 NERF MATERIAL) (RDT&E)			
600204	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5446 HGR MATERIAL) (RDT&E)			
600205	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5446 EMC/NERF K BAND MATERIAL (RDT&E)			
600206	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5449 EMI MATERIAL) (RDT&E)			
600207	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5446 EMC MATERIAL) (RDT&E)			
600208	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5446 EME ASIL MATERIAL) (RDT&E)			
600209	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5449 NERF MATERIAL) (RDT&E)			
600210	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5446 EME AATF MATERIAL) (RDT&E)			
600211	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5446 EMC DPA-EME PATRIOT (M801) MATERIAL) (RDT&E)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
600212	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5446 JSF MATERIAL) (RDT&E)			
600213	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5446 EMC MATERIAL) (RDT&E)			
600214	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5446 EMC MATERIAL) (RDT&E)			
600215	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5449 EMI MATERIAL) (RDT&E)			
600216	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5446 EME AATF MATERIAL) (ASEMICAP) (RDT&E)			
600217	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5449 EMI MATERIAL) (RDT&E)			
600218	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5446 EMC MATERIAL) (RDT&E)			
600219	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5446 EMC MATERIAL) (RDT&E)			
600220	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5446 EME AATF MATERIAL) (RDT&E)			
600221	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5445 EMC MATERIAL) (RDT&E)			
600222	AJ42	FUNDING IN SUPPORT OF CLIN 6002 (5449 EMI MATERIAL) (RDT&E)			
6003	AJ42	Base Period Data Support for CLIN 4000 and the Contract Data Requirements Lists (CDRLs) - Not Separately Priced (NSP) (RDT&E)	1.0	LO	\$0.00
6101	AJ42	Option Period I Travel Support for CLIN 4100 - Cost Reimbursable (No Fee) (RDT&E)	1.0	LO	\$15,000.00
610101	AJ42	Funding in support of CLIN 6101 (WCF)			
610102	AJ42	Funding in support of CLIN 6101 (WCF)			
610103	AJ42	Funding in support of CLIN 6101 (WCF)			
610104	AJ42	Funding in support of CLIN 6101 (WCF)			
6102	AJ42	Option Period I Material Support for CLIN 4100 - Cost Reimbursable (No Fee) (RDT&E)	1.0	LO	\$1,528,000.00
610201	AJ42	Funding in support of CLIN 6102 (WCF)			
610202	AJ42	Funding in support of CLIN 6102 (WCF)			
610203	AJ42	Funding in support of CLIN 6102 (WCF)			
610204	AJ42	Funding in support of CLIN 6102 (WCF)			
610205	AJ42	Funding in support of CLIN 6102 (WCF)			
610206	AJ42	Funding in support of CLIN 6102 (WCF)			
610207	AJ42	Funding in support of CLIN 6102 (WCF)			
610208	AJ42	Funding in support of CLIN 6102 (WCF)			
610209	AJ42	Funding in support of CLIN 6102 (WCF)			
610210	AJ42	Funding in support of CLIN 6102 (WCF)			
610211	AJ42	Funding in support of CLIN 6102 (WCF)			
610212	AJ42	Funding in support of CLIN 6102 (WCF)			
610213	AJ42	Funding in support of CLIN 6102 (WCF)			
610214	AJ42	Funding in support of CLIN 6102 (WCF)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
610215	AJ42	Funding in support of CLIN 6102 (WCF)			
610216	AJ42	Funding in support of CLIN 6102 (WCF)			
610217	AJ42	Funding in support of CLIN 6102 (WCF)			
610218	AJ42	Funding in support of CLIN 6102 (WCF)			
610219	AJ42	Funding in support of CLIN 6102 (WCF)			
610220	AJ42	Funding in support of CLIN 6102 (WCF)			
610221	AJ42	Funding in support of CLIN 6102 (WCF)			
610222	AJ42	Funding in support of CLIN 6102 (WCF)			
610223	AJ42	Funding in support of CLIN 6102 (WCF)			
610224	AJ42	Funding in support of CLIN 6102 (WCF)			
610225	AJ42	Funding in support of CLIN 6102 (WCF)			
610226	AJ42	Funding in support of CLIN 6102 (WCF)			
610227	AJ42	Funding in support of CLIN 6102 (WCF)			
610228	AJ42	Funding in support of CLIN 6102 (WCF)			
6103	AJ42	Option Period I Data Support for CLIN 4100 and the CDRLs - Not Separately priced (NSP) (RDT&E)	1.0	LO	\$0.00
6201	AJ42	Option Period II Travel Support for CLIN 4200 - Cost Reimbursable (No Fee) (RDT&E)	1.0	LO	\$23,000.00
620101	AJ42	FUNDING IN SUPPORT OF CLIN 6201 (WCF)			
620102	AJ42	FUNDING IN SUPPORT OF CLIN 6201 (WCF)			
620103	AJ42	FUNDING IN SUPPORT OF CLIN 6201 (WCF)			
6202	AJ42	Option Period II Material Support for CLIN 4200 and the CDRLs - Cost Reimbursable (No Fee) (RDT&E)	1.0	LO	\$2,409,000.00
620201	AJ42	Funding in support of CLIN 6202 (WCF)			
620202	AJ42	Funding in support of CLIN 6202 (WCF)			
620203	AJ42	Funding in support of CLIN 6202 (WCF)			
620204	AJ42	Funding in support of CLIN 6202 (WCF)			
620205	AJ42	Funding in support of CLIN 6202 (WCF)			
620206	AJ42	Funding in support of CLIN 6202 (WCF)			
620207	AJ42	Funding in support of CLIN 6202 (WCF)			
620208	AJ42	Funding in support of CLIN 6202 (WCF)			
620209	AJ42	Funding in support of CLIN 6202 (WCF)			
620210	AJ42	Funding in support of CLIN 6202 (WCF)			
620211	AJ42	Funding in support of CLIN 6202 (WCF)			
620212	AJ42	Funding in support of CLIN 6202 (WCF)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
620213	AJ42	Funding in support of CLIN 6202 (WCF)			
620214	AJ42	Funding in support of CLIN 6202 (WCF)			
620215	AJ42	Funding in support of CLIN 6202 (WCF)			
620216	AJ42	Funding in support of CLIN 6202 (WCF)			
620217	AJ42	Funding in support of CLIN 6202 (WCF)			
620218	AJ42	Funding in support of CLIN 6202 (WCF)			
620219	AJ42	Funding in support of CLIN 6202 (WCF)			
620220	AJ42	Funding in support of CLIN 6202 (WCF)			
620221	AJ42	Funding in support of CLIN 6202 (WCF)			
620222	AJ42	Funding in support of CLIN 6202 (WCF)			
6203	AJ42	Option Period II Data Support for CLIN 4200 - Not Separately Priced (NSP) (RDT&E) Option	1.0	LO	\$0.00
6301	AJ42	Option Period III Travel in Support of CLIN 4300 - Cost Reimbursable (No Fee) (RDT&E)	1.0	LO	\$33,000.00
630101	AJ42	Funding in support of CLIN 6301 (WCF)			
630102	AJ42	Funding in support of CLIN 6301 (WCF)			
630103	AJ42	Funding in support of CLIN 6301 (WCF)			
6302	AJ42	Option Period III Material in Support of CLIN 4300 - Cost Reimbursable (No Fee) (RDT&E)	1.0	LO	\$3,082,250.00
630201	AJ42	Funding in support of CLIN 6302 (WCF)			
630202	AJ42	Funding in support of CLIN 6302 (WCF)			
630203	AJ42	Funding in support of CLIN 6302 (WCF)			
630204	AJ42	Funding in support of CLIN 6302 (WCF)			
630205	AJ42	Funding in support of CLIN 6302 (WCF)			
630206	AJ42	Funding in support of CLIN 6302 (WCF)			
630207	AJ42	Funding in support of CLIN 6302 (RDT&E)			
630208	AJ42	Funding in support of CLIN 6302 (WCF)			
630209	AJ42	Funding in support of CLIN 6302 (WCF)			
630210	AJ42	Funding in support of CLIN 6302 (WCF)			
630211	AJ42	Funding in support of CLIN 6302 (WCF)			
630212	AJ42	Funding in support of CLIN 6302 (WCF)			
630213	AJ42	Funding in support of CLIN 6302 (WCF)			
630214	AJ42	Funding in support of CLIN 6302 (WCF)			
630215	AJ42	Funding in support of CLIN 6302 (WCF)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
630216	AJ42	Funding in support of CLIN 6302 (WCF)			
630217	AJ42	Funding in support of CLIN 6302 (WCF)			
630218	AJ42	Funding in support of CLIN 6302 (WCF)			
630219	AJ42	Funding in support of CLIN 6302 (WCF)			
630220	AJ42	Funding in support of CLIN 6302 (WCF)			
630221	AJ42	Funding in support of CLIN 6302 (WCF)			
6303	AJ42	Option Period III Data Support for CLIN 4300 and the CDRLs - Not Separately Priced (NSP) (RDT&E) Option	1.0	LO	\$0.00

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7000	AJ42	Option Period IV: Engineering and Technical Support in accordance with Performance Based Statement of Work (PBSOW)and the QASP. Cost-Plus-Fixed-Fee (CPFF). (RDT&E)	1.0	LO	\$6,595,115.39	\$381,478.27	\$6,976,593.66
700001	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700002	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700003	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (CTEIP VEMPS PULSE GEN) (RDT&E)					
700004	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (WCF)					
700005	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (WCF)					
700006	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EMI) (RDT&E)					
700007	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700008	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700009	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700010	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700011	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700012	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
700013	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700014	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700015	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700016	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700017	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700018	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700019	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700020	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700021	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700022	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700023	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700024	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700025	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
700026	AJ42	FUNDING IN SUPPORT OF CLIN 7000 (EME) (RDT&E)					
7100	AJ42	Labor in Support of E3 Option period V (RDT&E)	1.0	LO	\$4,401,206.36	\$264,338.97	\$4,665,545.33
710001	AJ42	Funding in support of CLIN 7100 EMI (RDT&E)					
710002	AJ42	Funding in support of CLIN 7100 EMI (RDT&E)					
710003	AJ42	Funding in support of CLIN 7100 EME (RDT&E)					
710004	AJ42	Funding in support of CLIN 7100 EME (RDT&E)					
710005	AJ42	Funding in support of CLIN 7100 EME (RDT&E)					
710006	AJ42	Funding in support of CLIN 7100 EME (RDT&E)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
710007	AJ42	Funding in support of CLIN 7100 EME (RDT&E)					
710008	AJ42	Funding in support of CLIN 7100 EME (RDT&E)					
710009	AJ42	Funding in support of CLIN 7100 CTEIP (RDT&E)					

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9001	AJ42	Option Period IV Travel in Support of CLIN 7000 - Cost Reimbursable (No Fee) (RDT&E)	1.0	LO	\$45,000.00
900101	AJ42	Travel in support of CLIN 9001 (WCF)			
900102	AJ42	Travel in support of CLIN 9001 (WCF)			
900103	AJ42	Travel in support of CLIN 9001 (EMI) (RDT&E)			
900104	AJ42	Travel in support of CLIN 9001 (EME) (RDT&E)			
900105	AJ42	Travel in support of CLIN 9001 (EME) (RDT&E)			
900106	AJ42	Travel in support of CLIN 9001 (EME) (RDT&E)			
9002	AJ42	Option Period IV Material in Support of CLIN 7000 - Cost Reimbursable (No Fee) (RDT&E)	1.0	LO	\$4,228,375.00
900201	AJ42	FUNDING IN SUPPORT OF CLIN 9002 (CTEIP VEMPS PULSE GEN) (RDT&E)			
900202	AJ42	FUNDING IN SUPPORT OF CLIN 9002 (WCF)			
900203	AJ42	FUNDING IN SUPPORT OF CLIN 9002 (WCF)			
900204	AJ42	FUNDING IN SUPPORT OF CLIN 9002 (EMI) (RDT&E)			
900205	AJ42	FUNDING IN SUPPORT OF CLIN 9002 (EME) (RDT&E)			
900206	AJ42	FUNDING IN SUPPORT OF CLIN 9002 (EMC) (RDT&E)			
900207	AJ42	FUNDING IN SUPPORT OF CLIN 9002 (EMC) (RDT&E)			
900208	AJ42	FUNDING IN SUPPORT OF CLIN 9002 (EMC) (RDT&E)			
900209	AJ42	FUNDING IN SUPPORT OF CLIN 9002 (EMC) (RDT&E)			
900210	AJ42	FUNDING IN SUPPORT OF CLIN 9002 (EMC) (RDT&E)			
900211	AJ42	FUNDING IN SUPPORT OF CLIN 9002 (EMC) (RDT&E)			
9003	AJ42	Option Period IV Data Support for CLIN 7000 and the CDRLs - Not Separately Priced (NSP) (RDT&E) Option	1.0	LO	\$0.00
9100	AJ42	ODC Travel in support of CLIN 7100 (RDT&E)	1.0	LO	\$201,628.87
910001	AJ42	Funding in the support of Clin 7100 (RDT&E)			
910002	AJ42	Funding in the support of Clin 7100 (RDT&E)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
910003	AJ42	Funding in the support of Clin 7100 (RDT&E)			
9101	AJ42	ODCs Material in support of CLIN 7100 (RDT&E)	1.0	LO	\$1,936,000.00
910101	AJ42	Funding in support of Clin 7100 (RDT&E)			
910102	AJ42	Funding in support of Clin 7100 (RDT&E)			
910103	AJ42	Funding in support of Clin 7100 (RDT&E)			
910104	AJ42	Funding in support of Clin 7100 (RDT&E)			
910105	AJ42	Funding in support of Clin 7100 (RDT&E)			
910108	AJ42	Funding in support of Clin 7100 (RDT&E)			
910109	AJ42	Funding in support of Clin 7100 (RDT&E)			
9102		Data in support of CLIN 7100			\$0.00

CONTACT INFORMATION

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1) This task order is issued in accordance with the terms and conditions of the Seaport-e MAC contract. Only clauses and provisions requiring fill-ins, or unique to the task order have been included in full text in the task order.

2) This task order includes cost-plus-fixed-fee (CPFF) term line items for labor and cost reimbursable line items for other direct costs.

3) The task order is for a total period of performance of 60 months, inclusive of all options.

Base Year - 12 months

Option Year 1 - 12 months

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Option Year 2 - 12 months

Option Year 3 - 12 months

Option Year 4 - 12 months

4) Funding for each CLIN will be added at the SubCLIN (SLIN) level.

5) Performance after 04 Apr 14 will be subject to exercise of the award term of the offeror's basic Seaport-e contract.

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

Section C information is applicable to CLINs 4000-4300, 6001-6003, 6101-6103, 6201-6203, 6301-6303, 7000-7100, 9001-9003 and 9100-9101.

Items 4000-4300, 7000 and 7100 – The contractor shall provide services in accordance with the Section C Performance Based Statement of Work (PBSOW) for The Electromagnetic Environmental Effects (E³) Facilities Development, Operation, and Maintenance Technical and Engineering Support.

Items 6001, 6002, 6101, 6102, 6201, 6202, 6301, 6302, 9001, 9002, and 9100, 9101 – The contractor shall provide material and travel in accordance with the PBSOW below.

Items 6003, 6103, 6203, 6303 and 9003 – The data to be furnished hereunder shall be in accordance with Exhibit (A), DD Form 1423, Contract Data Requirements List (CDRL) and paragraph 5 below.

PERFORMANCE BASED STATEMENT OF WORK
FOR THE ELECTROMAGNETIC ENVIRONMENTAL EFFECTS (E³)
FACILITIES DEVELOPMENT, OPERATION, AND MAINTENANCE
TECHNICAL AND ENGINEERING SUPPORT

1.0 INTRODUCTION

1.1 Background.

The Naval Air Warfare Center, Aircraft Division (NAWCAD) is responsible for the assessment and evaluation of weapon systems life cycle compatibility, survivability, and vulnerability in relation to Electromagnetic Environmental Effects (E³). The Integrated Battlespace Simulation and Test (IBST) Department, Integrated Combat Environments (ICE) Division, has been established to provide the expertise and simulation facilities necessary to conduct research, development, test and evaluation (RDT&E), E³ design support, and design support for the assessment of both tactical and strategic weapon systems and their associated support systems. This currently includes, but is not limited to: the E³ of Nuclear Electromagnetic Pulse (NEMP), lightning EMP (LEMP), Electrostatic Discharge (ESD), Precipitation Static (P-Static), Electromagnetic Compatibility, TEMPEST, the Naval Electromagnetic Radiation Facility (NERF) and its testing of High Intensity Radiated Fields (HIRF), Hazardous Electromagnetic Radiation (HERO/F/P), and other electromagnetic transients (EMT).

1.1.1 The ICE division supports the E³ life cycle survivability needs of the Navy, other Government agencies, Foreign Military Sales (FMS) and industry, through closely coordinated efforts that provide:

- Program planning
- Hardening requirements
- Hardening design upgrades and integration
- Threat hardening technologies
- Test and evaluation
- Systems analysis
- Operational assessment
- System improvements
- Life cycle support

NAWCAD E³ facilities include:

- Horizontally Polarized Electromagnetic Pulse (EMP) Simulator
- Vertically Polarized EMP Simulator
- Indirect Effects Lightning Simulators
- Electrostatic Discharge (ESD) Test Systems
- Direct Drive Current Injection Test System
- Precipitation Static Test System
- Low Level Continuous Wave Simulation

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- Naval Electromagnetic Radiation Facility (NERF) and Equipment
- Electromagnetic Compatibility (EMC) Laboratory (Hangar 144)
- Aircraft Anechoic Test Facility (AATF)
- Aircraft Systems Integration Laboratory (ASIL)
- TEMPEST/COMSEC Laboratory
- MIL-STD-461 Electromagnetic Interference Laboratory

1.1.2 The EMC Laboratory is used to perform various system level tests on operational aircraft and their associated subsystems. The hangar is shielded providing a controlled Radio Frequency (RF) test environment that limits unwanted emissions from entering or leaving the hangar. This also provides a limited secure area for classified testing. The materials, tools, test equipment, and support equipment necessary to perform tests are contained within and around the hangar. Various utilities, such as electrical power and air conditioning for aircraft, necessary to operate the aircraft and test equipment are provided in and around the hangar.

1.1.3 The AATF provides a secure means to test tactical sized aircraft or systems in a quiet RF environment lined with Radar Absorbent Material (RAM) for low reflectivity simulating free space conditions. A large entry door provides access to the AATF chamber for the test article. A 30-ton traveling crane is used to suspend the aircraft in this chamber. Electrical power, air conditioning, coolant oil, and hydraulic power are provided through subsurface conduits. Data acquisition conduits are also provided. These allow direct access to the AATF from the Air Combat Environment Test & Evaluation Facilities (ACETEF) laboratories located adjacent to it. A large equipment room is also located adjacent to the chamber to accommodate RF test and stimulation equipment for the test article. The chamber is specifically designed for full-scale tactical aircraft Electronic Warfare, Electromagnetic Compatibility, and TEMPEST testing.

1.1.4 The ASIL is a larger version of the AATF with two 40-ton traversing hoists specifically designed to allow system integration studies between close formation aircraft. The anechoic chamber measures 180' x 180' x 60' high and is large enough to accommodate a wide variety of systems including a C-17 sized aircraft. Offices and laboratories necessary to generate the proper combat EM environment and to measure system performance surround the anechoic chamber of the ASIL. This anechoic chamber will operate as an integral part of the ACETEF, which includes the Manned Flight Simulator, the Tactical Avionics Software Test and Evaluation Facility, the Electronic Warfare Integrated Systems Test Laboratory, the Closed Loop Facility, the AATF, and other existing laboratories.

1.1.5 The NERF simulates worldwide and fleet operational high power electromagnetic environments to evaluate external EM effects on air and ground based vehicle subsystems. Testing is conducted at two open-air test sites: a 100' x 240' steel ground plane, and within the AATF and ASIL. RF environments are generated using high power continuous wave and pulsed radio frequency (RF) transmitters operating between 10 kHz and 34 GHz. The NERF has external ground power and ground support equipment available to support aircraft operations. Tie-downs and a blast deflector provide the capability to conduct high-power engine turns. The NERF is used to support intersystem EMC, High Intensity Radiated Field (HIRF), Hazards of Electromagnetic Radiation to Ordnance (HERO), or any type of radiated susceptibility test.

1.1.6 The EMI laboratories contain several shielded enclosures, with associated test and measurement equipment, necessary to conduct MIL-STD-461 testing for the control of the electromagnetic interference (emission and susceptibility) characteristics of electronic, electrical, and electromechanical equipment.

1.1.7 The EMT facilities consist of facilities, simulators, data acquisition and processing equipment needed to provide EMP, lightning, ESD, P-Static, direct drive, LLCW, and other transient phenomena tests. The EMP test facility utilizes the Vertical and Horizontal simulators to generate a double exponential horizontally or vertically polarized EME as described in MIL-STD-464A. The EMP simulators are located above and adjacent to a 232-foot diameter test pad to accommodate large test articles. Lightning, ESD, and P-static tests are conducted in the EMC laboratory, ASIL, and on the hangar flight line.

1.2 Testing and Engineering Categories:

1.2.1 Systems engineering to support all E³ technologies and the integration of all functional E³ technologies.

1.2.2 Subsystem electromagnetic interference (EMI) technology addressing the requirements of MIL-STD-461 and subsystem EMI control.

1.2.3 Intrastem EMC engineering to ensure systems have no electromagnetic interaction between installed subsystems and components within a given platform.

1.2.4 Intersystem EMC engineering to provide systems which can function in their intended operational electromagnetic environments without detrimental electromagnetic susceptibilities.

1.2.5 Lightning technology to provide a system which can function during and after a lightning strike, without any electromagnetic (EM) induced vulnerabilities.

1.2.6 Electrostatics technology to ensure man-made, natural, or equipment generated Electro-Static Discharge (ESD) will not cause detrimental effects to aircraft equipment, systems or personnel.

1.2.7 Bonding Technology to provide a system without ground loops, which has a good electrical path for

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stray RF energy to seek a common reference throughout the system.

1.2.8 Electromagnetic emission control (EMCON) technology to provide a system which does not radiate EM signals in excess of limits when the system is in the designated EMCON mode.

1.2.9 TEMPEST/COMSEC technology to ensure classified information received, processed or transmitted by aircraft is not compromised.

1.2.10 EMP technology to determine aircraft susceptibility to the effects of pulsed phenomenology.

1.2.11 Administrative functions such as funds tracking, budget analysis, facility utilization and scheduling, hazardous material tracking and handling, execution and tracking of preventative maintenance actions as well as failure rates and causes.

1.3 Scope.

1.3.2 Place of Performance – Patuxent River, MD

2.0 APPLICABLE DOCUMENTS

The contractor shall utilize and adhere to the following documents, and any updates or revisions, in satisfying the performance requirements of paragraph 3.

- a. MIL-STD-461, Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment
- b. MIL-STD-464, Electromagnetic Environmental Effects Requirements for Systems
- c. DODINST 6055.11, Protection of DoD personnel from Exposure to Radio Frequency Radiation and Military Exempt Lasers
- d. NASPAXRIVINST 4010.6, Hazardous Waste Management Plan.
- e. NASPAXRIVINST 4010.5B, Hazardous Material Control and Management Plan.
- f. IBST SOP 11150.3, IBST E3 Test Facilities Utilization, Control, Safety, Security, Standard Operating Procedures
- g. NAVAIRINST 3960.4, Project Test Plan Policy and Process for Testing Air Vehicles, Weapons, and Installed Systems.
- h. FTEGINST 5214.1, Report Writing Guide for Flight Test and Engineering Group Report.

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3.0 PERFORMANCE REQUIREMENTS

The contractor shall provide uninterrupted E3 engineering and technical services, including material and supplies necessary to support the following requirements.

3.1 Facility Development and Management (Applicable to CLINs 4X00 and 7X00)

3.1.1 The contractor shall provide program management and engineering services in support of test facilities and simulator research, development, test and evaluation. The contractor shall develop, review, and update project management plans, (CDRL A001), in accordance with applicable guidance, budgets, implementation requirements, and project schedules.

3.1.2 The contractor shall develop, review, and update test capability proposals, analysis of alternatives, test capability requirements documents, life cycle support plans, project final reports, monthly status reports, project review briefs, test capability briefs (CDRL A001), in support of test facilities and simulator research, development, test and evaluation activities.

3.1.3 The contractor shall maintain, upgrade, modify, and develop new facility system electronic records or databases as directed by the Government. Facility system databases shall document simulator technical data, maintenance actions and associated hours, reliability data, facility and simulator usage, and other life cycle support information (CDRL A002).

3.2 Weapon System Hardening (Applicable to CLIN's 4X00 and 7X00).

3.2.1 The contractor shall investigate and evaluate system vulnerabilities and hardening requirements. Using design data, analysis, article testing and/or test data analysis, recommend system requirements, corrective actions and design goals.

3.2.2 The contractor shall research and recommend hardening techniques, concepts and approaches for enhancing system E³ survivability and weapon system improvements.

3.3 Technology Development (Applicable to CLIN's 4X00 and 7X00).

3.3.1 The contractor shall research technological advances in the fields of E³, such as high-energy physics, directed energy weapons, and other new technologies which drive aircraft and system vulnerability/survivability requirements and facility test capabilities.

3.3.2 The contractor shall recommend potential technology applications as related to E³ that could improve testing, hardness evaluation, system hardening, and hardness maintenance and surveillance programs.

3.4 Simulation Planning, Design, and Integration (Applicable to CLIN's 4X00 and 7X00).

3.4.1 The contractor shall investigate, evaluate, and propose new systems, or upgrades and modifications to existing simulation systems, which would enhance capabilities, efficiency, or life cycle costs. The contractor shall develop plans for integrating new or modified capabilities and/or systems. Plans shall address implementation schedules, costs, return on investment (ROI), and resource requirements.

3.4.2 The contractor shall design, fabricate, purchase and integrate new test systems, simulators, radar and communication simulators, Lightning and EMP Simulators, test equipment and facilities. This shall include hardware, software, interfaces, off the shelf and custom test equipment. Install, move, modify or operate new and/or existing equipment during facility/system integration/upgrades.

3.5 Test Planning (Applicable to CLIN's 4X00 and 7X00).

3.5.1 The contractor shall participate in E³ test planning in accordance with existing directives and standards (or with directives/standards identified at the time of delivery order issuance). This shall include preparation and update of schedules, coordination correspondence, and providing test plan inputs drafted in accordance with NAVAIRINST 3960 or other guidance, (CDRL A001).

3.5.2 The contractor shall research and prepare recommended equipment/material lists for items needed during testing. The lists shall indicate sources, alternative sources, lead times, calibration of equipment (date performed) and component response if applicable. This shall include any modifications required to existing facilities or test equipment.

3.5.3 The contractor shall determine and coordinate support requirements for specific projects.

3.5.4 The contractor shall conduct pretest analysis to recommend test data points required for effective test and evaluation.

3.5.5 The contractor shall identify and recommend test points, probe requirements, and measurements needed to acquire appropriate test data.

3.5.6 The contractor shall design, fabricate, and/or modify components, facilities, cable harnesses, local area network (LAN) connections, breakout boxes, peculiar test equipment, data and fiber optic links as well as other interfaces necessary to develop, integrate and test new or modified software/ hardware systems.

3.5.7 The contractor shall develop and recommend quality control/assurance procedures and standard operating procedures.

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3.5.8 The contractor shall recommend applicable procedures and requirements unique to specific test plans.

3.6 Facility Operations and Maintenance (Applicable to CLIN's 4X00 and 7X00).

3.6.1 The contractor shall manage and coordinate the Individual Material Readiness List (IMRL) allowance and inventory of Support Equipment (SE) end items. The contractor shall coordinate with AIMD to ensure all projects have required Ground Support Equipment (GSE), including turn in, retrieval, and Operation and Management (O&M) such that customers are provided required GSE.

3.6.2 The contractor shall operate, maintain, and coordinate operations of hangar 144, AATF, and ASIL facility equipment including electrical, hydraulic, cooling, fuel tank inerting/purging, and provide for aircraft ground handling and hoisting operations.

3.6.3 The contractor shall operate and maintain test equipment, simulators, instrumentation, facilities, and/or aircraft systems during test conduct in accordance with Government approved test plans or standard operating procedures.

3.6.4 The contractor shall maintain specialized test equipment and simulators, cable harnesses, instrumentation connections, data acquisition probes, and other interfaces (hardware, fiber optic, coaxial, etc.) as required to ensure readiness for test. The contractor shall maintain the Anechoic Chambers, Hangar 144, all high voltage lightning, EMP simulators, NERF transmitters, and EMI test systems in accordance with applicable guidance, budgets, implementation requirements, and project schedules. The goal is to have no test systems down for repair for more than 8 hours after failure. Planned major upgrades and intentional moth balling of a facility may negate these performance goals.

3.6.5 The contractor shall provide pretest, test, and post-test technical support in accordance with approved test plans or procedures. This support shall include but not be limited to probe placement; data link and fiber optic end to end checks.

3.6.6 The contractor shall provide support to the Project Liaison Office (PLO) in the areas of moving and handling of aircraft, tool control, and aircraft access in accordance with the applicable documents of section 2.0.

3.6.7 The contractor shall provide support to ensure compliance with safety, hazardous material control, and waste management programs in accordance with the applicable documents of section 2.0. The contractor shall order hazardous materials via local base supply (Hazmart), update and maintain local Authorized Use List (AUL), maintain inventory logs, and provide for waste disposal IAW applicable policy.

3.6.8 The contractor shall continuously maintain electronic records: facilities test schedules, material purchases, maintenance logs and schedules, equipment calibration tracking records, contractor personnel: (licenses/certifications/qualifications summary status), property management/inventory logs, (CDRL A002).

3.7 Test Reporting and Data Analysis (Applicable to CLIN's 4X00 and 7X00).

3.7.1 The contractor shall perform data quality assurance during data collection, storage, analysis, and archiving to ensure optimum data quality.

3.7.2 The contractor shall perform analysis of test data to determine thresholds of susceptibilities and mission impact to test articles in relation to E³ threat environments.

3.7.3 The contractor shall provide inputs or recommendations to improve threat simulation, test conduct, data acquisition and analysis, or vulnerability/survivability assessment.

3.7.4 The contractor shall prepare test report inputs drafted in accordance with FTEGINST 5214.1 or other guidance, (CDRL A001).

3.8 Material (ODC's) (Applicable to CLIN's 6X02 AND 9X02).

3.8.1 The contractor shall provide all specialized parts or components necessary for test equipment maintenance and repair.

3.8.2 The contractor shall provide all parts and components to complete new system developments, fabrications, modifications and upgrades.

3.8.3 It will be necessary for the contractor to have a material funding allocation (CLIN) to immediately respond to system development requirements, system failures, and system operation requirements.

3.8.4 All material expenses will be authorized by the COR, and only those material expenses having prior COR/PCO approval will be reimbursed to the contractor in accordance with NAVAIR 5252.242-9515. No material with a unit cost of \$700,000 or greater may be procured under the contract without PCO approval. No single material procurement with a total value of \$700,000 or greater may be procured under this contract without PCO approval.

3.9 Travel (ODC's) (Applicable to CLIN's 6X01 AND 9X01).

3.9.1 Contractor personnel may travel to various locations within (CONUS), and outside the continental United States (OCONUS). The Government will identify specific travel requirements for supporting contractor personnel. Passports for OCONUS travel may be required and shall be acquired by the contractor. Visit requests and country clearances shall be processed by the contractor. Only those travel expenses having valid receipts and

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travel claims will be reimbursed to the contractor. Travel will be reimbursed at cost in accordance with NAVAIR 5252.232-9509 and the DoD Travel Regulations.

3.10 Property Management (Applicable to CLIN's 4X00 and 7X00)

3.10.1 Maintain an in-house electronic tracking document on the central file server for all equipment inventoried in the Patuxent River inventory system (PAXIS); or equipment categories as directed by the COR, (CDRL A002). The tracking document will list plant property description, location, and eventual disposition. Perform property management activities to insure applicable property management policies are followed: ensure equipment custody paperwork or disposal paperwork is completed when equipment is disposed of or transferred to other organizations.

3.11 Safety Equipment (Applicable to CLIN's 4X00 and 7X00)

3.11.1 The contractor shall be responsible for furnishing all personnel working on aircraft, facility equipment, etc. with Personnel Protective Equipment (PPE): safety glasses, work gloves, and steel toed safety shoes as a contractor overhead expense within 5 days of the employee start date. All of the safety equipment mentioned shall meet OSHA requirements. All contractor personnel shall utilize personnel protective equipment as per applicable directives.

4.0 TRAINING REQUIREMENTS AND QUALIFICATIONS

4.1 Ground Support Equipment/Government Vehicle Training/Qualifications (Applicable to CLIN's 4X00 and 7X00):

All contractor personnel that have cause to operate the local, government owned vehicles, forklift, manlift, tow tractors, air-conditioner carts, power carts, light carts, or other GSE shall obtain all necessary training and licenses for the equipment. The certification cards shall be carried on their person and a copy shall be on file with the Project Liaison Office (PLO) office at the NAWCAD (Bldg 144). All hoist operators for the anechoic chamber shall be certified for category II cranes and shall meet Navy Crane Center requirements for safe operation of Navy Cranes. Depending on changes in Navy-wide policy concerning crane operations, the requirement may be met by third party schools acceptable to the Crane Center. A copy of the training certificates shall be provided to the PLO in hangar 144 prior to operation of the AATF or ASIL cranes. The contractor shall maintain an electronic record summarizing personnel licenses and certifications/qualifications (CDRL A002).

4.2 Safety Training (Applicable to CLIN's 4X00 and 7X00):

The contractor shall ensure all personnel performing operation or maintenance on the high power transmitter or high voltage equipment receive the following training within 30 days of starting work and annually thereafter:

- I. First Aid and CPR
- II. RADHAZ (Radiation Hazard)

A copy of the training certificates or company certifications of training shall be provided to the PLO within 30 days of a person starting work on-site.

5.0 PROGRESS REPORTING (Applicable to CLIN's 4X00 and 7X00):

5.1 Monthly Funds Expenditure Report.

5.1.1 The contractor shall submit a monthly funds expenditure report for labor, travel, and material expenses by activity supported (i.e. EME Branch, EMI Branch), (CDRL A001). The report format will maintain separate listings and sub totals for prime and subcontractors. The format will maintain separate listings and sub totals of regular time and overtime hours and costs. Travel expenditure data will include travel location and total amount for each trip. Material purchases data will list the Purchase Order number and expense amount.

5.2 Monthly Progress, Status and Management Report

5.3 Deliverables

5.3.1 Contract Data Requirements List (CDRL), and DD Form 1423 items contain information, format, and content that is required to fulfill the specific report, document or plan described in the accompanying paragraph (e.g., CDRL A001, referenced in paragraph 3.1.1).

6.0 GOVERNMENT PROPERTY AND SPACES:

The Government shall provide on-site office space, access to all tools, spare parts, test equipment, and laboratory space as required. All support is anticipated to be conducted at Patuxent River, Maryland. The Contractor may use on a rent-free, non-interference basis, as necessary for the performance of this task order, the Government property described above.

Effective 01 October 2015, the Government will provide all NMCI services; to include IT related hardware, software, and

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support, necessary for the performance of this contract/order. Coordination of these services is to be conducted through the COR. Disposition or transfer instructions of previously acquired NMCI assets will be provided by the PCO as appropriate.

7.0 SECURITY:

7.1 Only U.S. citizens shall perform under this order. Any person having had a security clearance revoked for any reason shall be ineligible to perform under this order. All contractor personnel supporting tasks under this order must be able to obtain and retain a Secret Security clearance. See Attached DD254. Contact COR for information on base access.

7.2 Identification Badges Contractor identification badges shall be issued by the Government to on-site contractor personnel and must be visible at all times while contractor employees are at NAVAIR sites. 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 Security Department at NAVAIR within forty-eight hours following the completion of the contract, relocation or termination of an employee, or upon the request of the Contracting Officer.

7.3 Identification of Contractor Personnel Corporation affiliation shall be referenced on all written documentation that refers to contractor personnel. This is required for internal and external communication. Similarly, the contractor affiliation shall be identified when answering phone calls, and at the beginning of any meeting or conference where contractor personnel are in attendance.

7.4 Information Technology Security The Department of Navy (DON) Automated Data Processing (ADP) Security Program outlined in OPNAVINST 5239.1B, or the most current version of this instruction, shall apply to all efforts under this contract.

DOD Directive 8570.01-M Information Assurance Workforce Improvement Program DOD Directive 8570.01-M provides guidance for the identification and categorization of positions and certification of personnel conducting IA functions within the DOD Workforce supporting the DOD Global Information Grid (GIG) per DOD Instruction 8500.2 (Reference (b)). The DOD IA Workforce includes but is not limited to all individuals performing any of the IA functions described in Directive 8570-01-M. All contractor personnel supporting this task order must comply with DOD Directive 8570.01-M and any training required to comply with this directive is at the expense of the contractor. The TPOC will assign the appropriate certification category based on the duties and responsibilities being performed, relative to the current published DOD 8570 Manual.

7.5 OPSEC Plan (CDRL A003).

The Contractor is responsible for meeting DoD security requirements for this contract specified in the contract security classification specification DD-254. This may require the contractor to develop, implement and maintain a facility level OPSEC program to protect classified and sensitive unclassified information to be used at a contractor facility during the performance of this contract.

8.0 PERSONNEL QUALIFICATIONS: (Applicable to CLIN's 4X00, and 7X00)

The following minimum levels of professional and technical experience shall be utilized in this contract. Contractors should strive for technical excellence by submitting personnel that demonstrate superior knowledge, experience and qualifications.

The specialized experience included, as part of the minimum qualifications, shall have been obtained in the fields of endeavor indicated by the applicable labor categories listed below. Unless stated otherwise in the individual labor category, experience must also be within the last five years. Key personnel are those who will be performing in the Key categories of labor identified below. Contractors shall provide a resume of all key personnel for review by the Government.

The offeror is required to provide personnel who have or are able to obtain appropriate security clearances as stated on the DD Form 254. Proof of U.S. citizenship is required to be permitted access to Government installations.

* KEY PERSONNEL

1. * PROGRAM MANAGER

Functions: Acts as the overall lead manager and administrator for the contract. Serves as the primary point of contact with the COR. Supervises contract personnel and tasking by developing procedures, planning and directing execution of engineering/technical support, and monitoring/reporting progress. Manages acquisition and

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employment aspects of contract personnel with respect to contract tasking.

Education: A Bachelor of Science degree in a physical science or engineering discipline such as (but not limited to) physics, electrical, computer engineering, or mechanical engineering.

Experience: A total of at least 10 years of professional engineering experience and, at least 5 of the last 10 years of experience shall have consisted of management and supervisory experience with respect to RDT&E/ Facilities Operation & Maintenance contract support.

2. NERF ENGINEER

Functions: General engineering: Applies engineering principles to operate, maintain, plan, design, develop, implement, test, and evaluate test facilities. Reviews and prepares engineering and technical analyses, reports, change proposals, and other technical documentation. Applies engineering experience to perform functions such as facility integration, configuration management, quality assurance testing, and acquisition/resource management. The position shall also analyze, design, develop, implement, test, and evaluate software related to engineering or functional requirements of simulation systems, associated support systems, or management information systems.

Engineering Management: Acts as engineering team leader/supervisor, developing engineering procedures and controls, managing project efforts, and taking the lead in problem resolution. Interfaces with system or program contractors, vendors, and government representatives regarding the technical aspects of engineering programs/projects, test scheduling/planning and test conduct.

Education: A bachelor's or postgraduate degree in electrical engineering, or related engineering discipline from an accredited school of engineering.

Experience: A total of at least 5 years of professional engineering experience which consists of performing the foregoing engineering functions and, at least 3 years of the foregoing total experience will have been as a team leader or supervisor and, at least 2 years of the foregoing total experience shall have consisted of performing engineering functions with respect to:

- Defining, designing, integrating, modifying high power transmitter systems or similar phenomena simulation systems.
- Operating and maintaining facilities, high voltage (or other complex) systems, equipment and components used to perform Intersystem EMC or similar phenomena test and evaluations.
- Planning and conducting Intersystem EMC or similar phenomena simulation testing, data collection, processing, and analyses.
- Identifying simulation/high voltage system malfunctions and coordinating repair/maintenance requirements.
- Use of personal computers in data analysis and control of equipment, including development of custom software used to perform Intersystem EMC or similar phenomena test and evaluations.

3. * NERF TECHNICIAN

Functions: Applies engineering techniques, principles and precedents to develop, design, modify, install, test, evaluate, or operate electrical, electronic, avionics, mechanical, communications, stores, armament/ordnance, or related data processing systems for military weapon systems or associated support equipment or facilities. Maintains, repairs, inspects, troubleshoots program systems equipment or components. Reviews, analyzes, develops, prepares or applies engineering, technical or maintenance specifications, policies, standards, or procedures. Organizes, analyses and prepares reports or presentations of technical data and information. Plans and performs tests and evaluations of system equipment or components. Compiles, processes, reduces, and analyzes test data and results.

Education: High school graduation or equivalency certification and, successful completion of a technical school, trade school, or advanced armed services technical school curriculum or course training in electricity, electronics, avionics, mechanics, armaments ordnance, or engineering technology; or, completion of at least 30 semester hours (45 quarter hours) of course studies at an accredited college or university in an engineering, scientific, or technical curriculum.

Experience: A total of at least 4 years of experience in performing the foregoing functions and, at least 2 years (4 years for key personnel) of the foregoing total experience shall have consisted of performing engineering/technical functions with respect to:

- Operating, troubleshooting, repairing, and maintaining simulation/high voltage equipment and components used to perform Intersystem EMC or similar phenomena test and evaluation.
- Operating and maintaining diagnostic and data collection systems used to monitor high voltage system performance.
- Using PC's to perform data analysis and equipment control using Microsoft Excel, Microsoft Windows, and Labview for Windows to perform Intersystem EMC or similar phenomena test and evaluations.

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4. LABORER

Functions: Performs tasks, which require mainly physical abilities and effort involving little or no specialized skill or prior work experience. The following tasks are typical of this occupation: Load and unload trucks, and other conveyances; move supplies and materials to proper location by hand truck, stack materials for storage or binning; collect refuse and salvageable material. Moves and arranges heavy pieces of office furniture and equipment; moves heavy pieces of automotive, engineering, and other types of machinery and equipment. Spreads sand and salt on icy walkways. Moves anechoic flooring, aircraft slings, mobile test vans, and antennas.

Education: High school graduation or equivalency certification.

Experience: Experience with forklift operations and other standard aircraft ground support equipment and ground handling such as tow tractors, aircraft ground power units, and hydraulic/power/liquid cooling carts is preferred.

5. LIGHTNING ENGINEER

Functions: General Engineering: Applies engineering principles to operate, maintain, plan, design, develop, implement, test, and evaluate military weapon test facilities. Reviews and prepares engineering and technical analyses, reports, change proposals, and other technical documentation. Applies engineering experience to perform functions such as facility integration, configuration management, quality assurance testing, and acquisition/resource management. Analyzes, designs, develops, implements, tests, or evaluates software related to engineering or functional requirements of simulated military weapon systems, associated support systems, or management information systems.

Engineering Management: Acts as engineering team leader or supervisor, developing engineering procedures and controls, managing project efforts, and taking the lead in problem resolution. Interfaces with system or project contractors, vendors, and Government representatives regarding the technical aspects of engineering programs/projects.

Education: A bachelor's or postgraduate degree in electrical engineering, or related engineering discipline from an accredited school of engineering.

Experience: A total of at least 5 years of professional engineering experience which consists of performing the foregoing engineering functions and, at least 3 years of the foregoing total experience shall have been as a team leader or supervisor and, at least 2 years of the foregoing total experience shall have been consisted of performing engineering functions with respect to:

- Defining, designing, integrating, modifying electromagnetic pulse, lightning, electrostatic or similar phenomena simulation systems.
- Operating and maintaining facilities, high voltage (or other complex) systems equipment and components used to perform electromagnetic pulse, lightning, electrostatic or similar phenomena test and evaluation.
- Planning and conducting electromagnetic pulse, lightning, electrostatic or similar phenomena simulation testing, data collection, and analyses.
- Managing, organizing, directing, and leading a technical team responsible for daily operations and maintenance of high voltage and high current simulation systems.
- Identifying simulation/high voltage system malfunctions and coordinating repair/maintenance requirements.

6. * LIGHTNING TECHNICIAN

Functions: Applies engineering techniques, principles and precedents to develop, design, modify, install, test, evaluate, and operate electrical, electronic, avionics, mechanical, communications, stores, armament/ordnance, or related data processing systems for military weapon systems or associated support facilities equipment. Maintains, repairs, inspects, troubleshoots program systems equipment/components. Reviews, analyzes, develops, prepares or applies engineering, technical and maintenance specifications, policies, standards, or procedures. Organizes, analyzes and prepares reports or presentations of technical data and information. Plans and performs tests and evaluations of system equipment/components. Compiles, processes, reduces, or analyzes test data and results.

Education: High school graduation or equivalency certification, and successful completion of a technical school, trade school, advanced armed services technical school curriculum or course of training in electricity, electronics, engineering technology; or completion of at least 30 semester hours (45 quarter hours) of course studies at an accredited college or university in an engineering, scientific, or technical curriculum.

Experience: A total of at least 4 years of experience in performing the foregoing functions and, at least 2 years (4 years for key personnel) of the foregoing total experience shall have consisted of performing engineering/technical functions with respect to:

- Operating, troubleshooting, repairing, and maintaining simulation/high voltage equipment and components

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used to perform electromagnetic pulse, lightning, electro-static discharge, p-static, or similar phenomena test and evaluation.

- Operating and maintaining diagnostic and data collection systems used to monitor electromagnetic pulse, lightning, electro-static discharge, p-static systems performance.

7. EMP ENGINEER

Functions: General Engineering: Applies engineering principles to operate, maintain, plan, design, develop, implement, test, and evaluate military weapon test facilities. Reviews and prepares engineering and technical analyses, reports, change proposals, and other technical documentation. Applies engineering experience to perform functions such as facility integration, configuration management, quality assurance testing, or acquisition/resource management. Analyzes, designs, develops, implements, tests, and evaluates software related to engineering or functional requirements of simulated military weapon systems, associated support systems, or management information systems.

Engineering Management: Acts as engineering team leader or supervisor developing engineering procedures and controls, managing project efforts, and taking the lead in problem resolution. Interfaces with system or project contractors, vendors, and Government representatives regarding the technical aspects of engineering programs/projects.

Education: A bachelor's or postgraduate degree in electrical engineering, or related engineering discipline from an accredited school of engineering.

Experience: A total of at least 5 years of professional engineering experience which consists of performing the foregoing engineering functions and, at least 3 years of the foregoing total experience shall have been as a team leader or supervisor and, at least 2 years of the foregoing total experience shall have been consisted of performing engineering functions with respect to:

- Defining, designing, integrating, modifying electromagnetic pulse, lightning, electrostatics or similar phenomena simulation systems.
- Operating and maintaining facilities, high voltage (or other complex) systems equipment and components used to perform electromagnetic pulse, lightning, electrostatic or similar phenomena test and evaluation.
- Planning and conducting electromagnetic pulse, lightning, electrostatic or similar phenomena simulation testing, data collection, and analyses.
- Managing, organizing, directing, and leading a technical team responsible for the daily operations and maintenance of high voltage and high current simulation systems.
- Identifying simulation/high voltage system malfunctions and coordinating repair/maintenance requirements.

8. * EMP TECHNICIAN

Functions: Applies engineering techniques, principles and precedents to develop, design, modify, install, test, evaluate, or operate electrical, electronic, avionics, mechanical, communications, stores, armament/ordnance, or related data processing systems for military weapon systems or associated support equipment of facilities. Maintains, repairs, inspects, troubleshoots, or programs systems equipment or components. Reviews, analyzes, develops, prepares or applies engineering, technical or maintenance specifications, policies, standards, or procedures.

Organizes, analyzes and prepares reports or presentations of technical data and information. Plans and performs tests and evaluations of system equipment or components. Compiles, processes, reduces, or analyzes test data and results.

Education: High school graduation or equivalency certification and, successful completion of a technical school, trade school, or advanced armed services technical school curriculum or course of training in electricity, electronics, or engineering technology; or, completion of at least 30 semester hours (45 quarter hours) of course studies at an accredited college or university in an engineering, scientific, or technical curriculum.

Experience: A total of at least 4 years of experience in performing the foregoing functions and, at least 2 years (4 years for key personnel) of the foregoing total experience shall have consisted of performing engineering/technical functions with respect to:

- Operating, troubleshooting, repairing, and maintaining simulation/high voltage equipment and components used to perform electromagnetic pulse, lightning, electro-static discharge, p-static, or similar phenomena test and evaluation.
- Operating and maintaining diagnostic and data collection systems used to monitor electromagnetic pulse, lightning, electro-static discharge, p-static systems performance.

9. EMI ENGINEER

Functions: General Engineering: Applies engineering principles to Operate, maintain, plan, design, develop, implement, test, or evaluate electromagnetic interference test facilities. Reviews and prepares engineering

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and technical analyses, reports, change proposals, and other technical documentation. Applies engineering experience to perform functions such as facility integration, configuration management, quality assurance testing, or acquisition and resource management. Analyzes, designs, develops, implements, tests, or evaluates software related to engineering or functional requirements of electromagnetic interference test systems, associated support systems, or management information systems.

Engineering Management: Acts as engineering team leader or supervisor, developing engineering procedures and controls, managing project efforts, and taking the lead in problem resolution. Interfaces with system or project contractors, vendors, and Government representatives regarding the technical aspects of engineering programs/projects.

Education: A bachelor's or postgraduate degree in electrical engineering, or related engineering discipline from an accredited school of engineering.

Experience: A total of at least 5 years of professional engineering experience which consisted of performing the foregoing engineering functions and, at least 3 years of the foregoing total experience shall have been as a team leader or supervisor performing the foregoing engineering functions and, at least 2 years of the foregoing total experience shall have been consisted of performing engineering functions with respect to:

- Defining, designing, integrating, modifying electromagnetic interference test and measurement systems.
- Operating and maintaining facilities, high voltage (or other complex) systems equipment and components used to perform electromagnetic radiated susceptibility, radiated emissions, conducted susceptibility, and conducted emissions test and evaluation.
- Planning and conducting electromagnetic interference testing, data collection, and analyses.
- Managing, organizing, directing, and leading a technical team responsible daily operations and maintenance of electromagnetic test and measurement systems.
- Identifying test and measurement system malfunctions and coordinating repair/maintenance requirements.

10. * **EMI Technician**

Functions: Applies engineering technology and techniques to perform MIL-STD-461 testing to verify radiated and conducted electromagnetic compliance of aircraft or other electronic systems or subsystems. Analyzes, reviews and prepares electromagnetic interference (EMI) test plans and test reports and other technical documentation. Applies electromagnetic interference engineering technology experience to solve complex problems. Supports the acquisition process in developing EMI design and new EMI test techniques related to MIL-STD-461.

Education: High School graduate or equivalency certification and, completion of a technical school, trade school, or advanced armed services technical school curriculum or course training in electricity, electronics, avionics, or engineering technology.

Experience: A total of at least 2 years (4 years for key personnel) of experience in performing the foregoing functions.

11. **PROJECT ENGINEER**

Functions: General Engineering: Applies engineering principles to investigate, analyze, plan, design, develop, implement, test, and evaluate airborne platforms, weapons, and avionics. Attends preliminary, critical and other design reviews to ensure E3 requirements are properly defined and implemented. Reviews and prepares engineering and technical analyses, test plans, reports, change proposals, and other technical documentation. Applies engineering experience to perform functions such as system integration, configuration management, quality assurance, testing, acquisition, and resource management. Analyzes, designs, develops, implements, tests, and evaluates automated data processing software related to engineering or functional requirements of military systems, associated support systems, or management informational systems. Provides inputs for test methods and procedures.

Engineering Management: Acts as engineering team leader or supervisor developing engineering procedures and controls, managing project efforts, and taking the lead in problem resolution. Interfaces with system or program contractors, vendors, and Government representatives regarding the technical aspects of engineering programs/projects.

Education: A bachelor's degree in electrical engineering, or related engineering discipline, from a accredited school of engineering.

Experience: A total of at least four years of professional engineering experience.

12. * **PROJECT TECHNICIAN**

Functions: Applies engineering techniques, principles and precedents to develop, design, modify, install, test, evaluate, or operate electrical, electronic, avionics, mechanical, communications, stores, armament/ordnance, or related data processing systems for military weapon systems or associated support equipment of facilities. Maintains, repairs, inspects, troubleshoots, or programs Systems equipment or components. Reviews, analyzes, develops, prepares or applies engineering, technical or maintenance specifications, policies, standards, or procedures.

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Organizes, analyzes and prepares reports or presentations of technical data and information. Plans and performs tests and evaluations of system equipment or components. Compiles, processes, reduces, or analyzes test data and results.

Education:

- a. High school graduation or equivalency certification and,
- b. Successful completion of a technical school, trade school, or advanced armed services technical school curriculum or course of training in electricity, electronics, or engineering technology; or, completion of at least 30 semester hours (45 quarter hours) of course studies at an accredited college or university in an engineering, scientific, or technical curriculum.

Experience:

- a. A total of at least 4 years of experience in performing the foregoing functions and,
- b. At least 2 years of the foregoing total experience shall have consisted of performing engineering/technical Functions with respect to:

- Aircraft avionics and life cycle support;
- Planning and conducting E³ (or similar phenomena) test and analysis;
- Aircraft and associated weapon system test and evaluation techniques and methodologies;
- Defining, designing, and maintaining E³ hardening devices and implementation plans

13. TECHNICAL WRITER/EDITOR

Functions: Develops, drafts, revises and edits reports, articles, manuals, specifications, presentation materials, and other technical documents. Uses rough outlines and resource materials, and interprets information obtained through research or provided by technical specialists. Applies knowledge of military documentation content and format standards to prepare, edit and publish technical materials.

Education: High school graduation or equivalency certification.

Experience: A total of at least three years of experience performing technical writing/editing functions with respect to systems engineering and T&E of aircraft systems and subsystems.

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14 a.

Functions: Conducts administrative and record keeping aspects of the operation of engineering or technical projects/programs. Applies knowledge of office management, methods, and procedures in producing and maintaining documentation, correspondence, records, or directives. Works in regard to matters such as project/program progress and status documentation, budget, finance, property, accounting, procurement, or personnel management.

Education: High School graduation or equivalency certification.

Experience: Applied knowledge of Microsoft Office software such as: Excel, Word, PowerPoint, and Outlook.

Specific Expertise:

- Use of Microsoft Office and personal computers.
- Record keeping and operation of reproduction equipment.
Classifying, indexing, filing, and retrieving information from established filing systems.

14 b. SECRETARY II

Functions: Conducts administrative and record keeping aspects of the operation of engineering or technical projects/programs. Applies knowledge of office management, methods, and procedures in producing and maintaining documentation, correspondence, records, or directives. Works in regard to matters such as project/program progress and status documentation, budget, finance, property, accounting, procurement, or personnel management.

Education: High School graduation or equivalency certification.

Experience: A total of at least 2 years of experience in performing the foregoing functions.

Specific Expertise:

- Use of Microsoft Office and personal computers.
- Record keeping and operation of reproduction equipment.
Classifying, indexing, filing, and retrieving information from established filing systems.

14 c. SECRETARY III

Functions: Conducts administrative and record keeping aspects of the operation of engineering or technical projects/programs. Applies knowledge of office management, methods, and procedures in producing and maintaining documentation, correspondence, records, or directives. Works in regard to matters such as project/program progress and status documentation, budget, finance, property, accounting, procurement, or personnel management. May manage or supervise administrative aspects of the contractor's operations.

Education: High School graduation or equivalency certification.

Experience: A total of at least 3 years of experience in performing the foregoing functions.

Specific Expertise:

- Use of Microsoft Office and personal computers.
- Record keeping and operation of reproduction equipment.
Classifying, indexing, filing, and retrieving information from established filing systems.

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15. FACILITY ENGINEER

Functions: Responsible for maintenance, repair and modification of facilities and installed plant equipment, such as controls/communications, electrical/electronic systems, or mechanical devices and equipment. Reviews and comments upon engineering project work plans prepared by outside consultants for conformance to standards and specifications; prepares a variety of technical facilities engineering reports and analyses for presentation to management. Coordinates maintenance activities or associated facility work projects to minimize impacts to facility customer utilization. Applies knowledge of: engineering principles, practices, theories and technologies related to equipment controls, mechanical or electrical/electronic systems and processes; the techniques and procedures of engineering project management; accepted methods and procedures for testing and maintaining a variety of mechanical and/or electrical/electronic equipment and systems.

Education/Training: A bachelor's degree in mechanical or electrical engineering, from a accredited school of engineering.

Experience: A total of at least 4 years of professional experience in mechanical or electrical engineering.

16. FACILITY OPERATIONS TECHNICIAN

Functions: Operates, maintains, and coordinates operations of hangar and anechoic chamber facility equipment and aircraft ground support equipment including electrical service, hydraulic carts, air or liquid cooling carts, fuel tank inerting/purging equipment, ground support equipment, forklifts, and provides for aircraft ground handling and hoisting operations. Participate in aircraft moves as a wing walker, brake rider, or directs aircraft during towing, ground taxi, or ground turn operations. Operates test equipment, simulators, instrumentation, facilities, and/or aircraft systems during test conduct in accordance with approved test plans or standard operating procedures.

Education/Training:

- a. High school graduation or equivalency certification.
- b. Requires certification as a category 2 crane operator prior to operation of overhead gantry cranes. Requires Certification as a qualified rigger prior to rigging test articles for hoisting.
- c. All technicians must be properly trained and certified prior to operating ground support equipment or performing aircraft ground handling functions.

Experience:

- a. A total of at least 2 years of experience in aircraft ground handling and aircraft ground support equipment operations.

17. * HAZMAT/SAFETY/IMRL TECHNICIAN

Functions: Conducts and prepares local procedures and maintains documentation to support and ensure compliance with safety, hazardous material control, and waste management programs. Orders hazardous materials and maintains local documentation such as inventory logs, data sheets, and provides for waste disposal IAW applicable policies. Reviews, analyzes, develops, or prepares local activity, standards, or procedures to enhance or comply with applicable safety regulations. Manages and coordinates the Individual Material Readiness List (IMRL) allowance and inventory of Support Equipment for local activity. Identifies material requirements and requests adjustments to authorized allowances and inventory quantities, maintains the material readiness data records.

Education/Training:

- a. High school graduation or equivalency certification.
- b. Certifications required by Section 4.2

Experience:

- a. A total of at least 1 year of experience in performing the foregoing safety functions.

18. INSTRUMENTATION ENGINEER

Functions: General Engineering: Applies engineering principles to investigate, analyze, plan, design, develop, implement, test, and evaluate airborne platforms, weapons, and avionics. Responsibilities include development, operation, and maintenance of automated electromagnetic data acquisition equipment and facilities for the collection of induced electromagnetic transients data. Analyzes, designs, develops, implements, tests, and evaluates automated

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data processing software related to engineering or functional requirements of electromagnetic transient data collection. Provides inputs for test methods and procedures.

Engineering Management: Acts as engineering team leader or supervisor developing engineering procedures and controls, managing project efforts, and taking the lead in problem resolution. Interfaces with system or program contractors, vendors, and Government representatives regarding the technical aspects of engineering programs/projects.

Education: A bachelor's degree in electrical or computer engineering from a accredited school of engineering.

Experience: A total of at least 4 years of professional engineering experience.

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19. * INSTRUMENTATION TECHNICIAN

Functions: Applies engineering techniques, principles and precedents to develop, design, modify, install, test, evaluate, or operate electrical, electronic, avionics, mechanical, communications, stores, armament/ordnance, or related data processing systems for military weapon systems or associated support equipment of facilities. Maintains, repairs, inspects, troubleshoots, or programs systems equipment or components. Reviews, analyzes, develops, prepares or applies engineering, technical or maintenance specifications, policies, standards, or procedures.

Organizes, analyzes and prepares reports or presentations of technical data and information. Plans and performs tests and evaluations of system equipment or components. Compiles, processes, reduces, or analyzes test data and results.

Education: High school graduation or equivalency certification and, successful completion of a technical school, trade school, or advanced armed services technical school curriculum or course of training in electricity, electronics, or engineering technology; or, completion of at least 30 semester hours (45 quarter hours) of course studies at an accredited college or university in an engineering, scientific, or technical curriculum.

Experience: A total of at least 4 years of experience in performing the foregoing functions and, at least 2 years of the foregoing total experience shall have consisted of performing engineering/technical functions with respect to:

- Operating, troubleshooting, repairing, and maintaining electromagnetic measurement equipment and components used to perform electromagnetic pulse, lightning, electro-static discharge, p-static, or similar phenomena test and evaluation.

- Operating and maintaining diagnostic and data collection systems used to monitor electromagnetic pulse, lightning, electro-static discharge, p-static systems performance.

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20. LEVEL 1 TECHNICIAN

Functions: Applies engineering techniques, principles and precedents to develop, design, modify, install, test, evaluate, or operate electrical, electronic, avionics, mechanical, communications, stores, armament/ordnance, or related data processing systems for military weapon systems or associated support equipment or facilities. Maintains, repairs, inspects, troubleshoots, or programs systems equipment or components. Reviews, analyzes, develops, prepares or applies engineering, technical or maintenance specifications, policies, standards, or procedures. Organizes, analyses and prepares reports or presentations of technical data and information. Plans and performs tests and evaluations of system equipment or components. Compiles, processes, reduces, and analyzes test data and results.

Education: High school graduation or equivalency certification and, successful completion of a technical school, trade school, or advanced armed services technical school curriculum or course of training in electricity, electronics, avionics, mechanics, armaments ordnance, or engineering technology; or, completion of at least 30 semester hours (45 quarter hours) of course studies at an accredited college or university in an engineering, scientific, or technical curriculum.

Experience: None.

21. LEVEL 1 ENGINEER

Functions: General engineering: Applies engineering principles to operate, maintain, plan, design, develop, implement, test, or evaluate simulation/ stimulation facilities. Reviews and prepares engineering and technical analyses, reports, change proposals, and other technical documentation. Applies engineering experience to perform functions such as facility integration, configuration management, quality assurance testing, or acquisition and resource management. The position shall also analyze, design, develop, implement, test, or evaluate software related to engineering or functional requirements of simulation systems, associated support systems, or management information systems.

Education: A bachelor's or postgraduate degree in electrical engineering, or related engineering discipline from an accredited school of engineering.

Experience: None.

MINIMUM PERSONNEL QUALIFICATIONS

1. The contractor shall be responsible for employing personnel having the following levels of education, professional, and technical experience. These qualifications are only a baseline; contractors should strive for technical excellence in personnel by demonstrating experience and qualifications beyond these qualifications.
2. The specialized experience included as part of the required qualifications shall have been obtained in the field of endeavor indicated by the applicable labor categories listed below. The experience indicated in the following labor categories must have been performed during the past five years. In cases requiring experience of more than five years, at least five years of the total experience must be within the past five years. Key personnel are those who will be performing in Key Labor Categories listed above.
3. Personnel must have, or be able to obtain the appropriate security clearance as stated on the DD Form 254. Proof of U.S. citizenship is required to be permitted access to Government installation, aircraft, and ships.

Note: All required experience for all labor categories may have been obtained concurrently. All degrees shall be obtained from an accredited college or university.

The following matrix is provided to illustrate the relationship between the applicable labor categories contained in Section C, paragraph 8.0 of this solicitation and their respective Service Contract Act Wage Determination Equivalent Categories.

Government Labor Category	WD Labor Category	Occupation Code
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Program Manager		
NERF Engineer		
NERF Technician		
Laborer	Laborer	11210
Lightning Engineer		
Lightning Technician		
EMP Engineer		
EMP Technician		
EMI Engineer		
EMI Technician		
Project Engineer		
Project Technician		
Technical Writer		
Secretary I, II, III	Secretary I, II, III	01311-13
Facility Engineer		
Facility Operations Technician		
HAZMAT/Safety/IMRL Technician		
Instrumentation Engineer		
Instrumentation Technician		
Entry Level Technician		
Entry Level Engineer		

DEFINITIONS

As used in the minimum personnel qualification descriptions for this contract, the terms indicated shall be defined or their meaning qualified as follows:

academic year - a full or complete year of study at a junior college, college, university, or other academic institution toward which at least 30 semester hours or 45 quarter hours of undergraduate study, or 18 semester hours or 27 quarter hours of postgraduate study, were completed.

accredited institution - a post-secondary educational institution (junior college, college, university, technical trade, or professional school) which was approved by an accrediting agency listed as nationally recognized by the U.S. Department of Education.

accredited program - an educational program or course of study offered by a post-secondary educational institution which was approved by an accrediting agency listed as nationally recognized by the U.S. Department of Education.

degree - an academic title conferred by an educational institution upon completion of a unified course of study; if not otherwise qualified, the term shall mean a degree at the bachelor's, master's, or doctoral levels only.

engineering or engineering discipline - when used in relation to educational or work experience requirements, "engineering" shall mean any of the following specific subjects, disciplines, or areas of work experience only: aerospace, civil, computer, electrical, electronics, industrial, mechanical or nuclear engineering.

experience and years of experience - a) When used in relation to requirements for past participation in professional work or employment activities, "experience" shall mean full-time (on the basis of a standard forty hour work week) participation, at least one-half of which time was spent performing qualifying functions as practitioner or employee.

b) When used in relation to requirements for a particular term or period of participation, "years of experience" shall mean full, productive years of participation. Productive years are work years of fifty-two weeks reduced by reasonable amounts of time for holiday, annual, and sick leave. If participation was part-time, or if less than one-half of the standard work week was spent performing qualifying functions, the actual time spent performing qualifying functions may be cumulated to arrive at full years (or years and months) of experience. For example, only

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the actual number of full days (or full-day equivalents) of duty or drills completed during a year of military reserve participation, or in other qualifying part-time employment or practice may be cumulated toward years of experience. Qualifying part-time experience performed in addition to other full-time qualifying employment during the same period of time may be cumulated on a full-time equivalent basis and added to the full-time experience to satisfy a total experience requirement.

postgraduate degree - a master's, Ph.D., or other professional degree for which completion of an undergraduate curriculum for receipt of a bachelor's degree was a prerequisite.

technical discipline – when used in relation to educational or work experience requirements, “technical discipline” shall mean a degree in the field of Mathematics or Sciences.

technical rating - completion of a U.S. Navy electronic technology related B or C school for Cryptologic Technician Technical (CTT), Electronic Technician (ET), Electronic Warfare Technician (EW), Fire Controlman (FC), or Information Systems Technician (IT) or the equivalent from another branch of service.

5252.204-9505 SYSTEM AUTHORIZATION ACCESS REQUEST NAVY (SAAR-N) REQUIREMENTS FOR INFORMATION TECHNOLOGY (IT) (NAVAIR) (JUN 2009)

(a) Contractor personnel assigned to perform work under this contract may require access to Navy Information Technology (IT) resources (e.g., computers, laptops, personal electronic devices/personal digital assistants (PEDs/PDAs), NMCI, RDT&E networks, websites such as MyNAVAIR, and Navy Web servers requiring Common Access Card (CAC) Public Key Infrastructure (PKI)). Contractor personnel (prime, subcontractor, consultants, and temporary employees) requiring access to Navy IT resources (including those personnel who previously signed SAAR DD Form 2875) shall submit a completed System Authorization Access Request Navy (SAAR-N), OPNAV 5239/14 (Jul 2008) form or latest version thereof, and have initiated the requisite background investigation (or provide proof of a current background investigation) prior to accessing any Navy IT resources. Instructions for processing the SAAR-N forms are available at: http://www.navair.navy.mil/index.cfm/fuseaction=home.contractor_forms.

(b) SAAR-N forms will be submitted to the Contracting Officer's Representative (COR) or Alternate COR, or to the government sponsor, if the contract does not name a COR or Alternate COR via the contractor's Facility Security Officer (FSO). If the contract does not have an assigned COR or Alternate COR (ACOR), the designated SAAR-N Government Sponsor for contractor employees requiring IT access, [fill-in name] shall be responsible for signing and processing the SAAR-N forms. For those contractors that do not have a FSO, SAAR-N forms shall be submitted directly to the COR/ACOR or designated SAAR-N Government Sponsor. Copies of the approved SAAR-N forms may be obtained through the COR/ACOR or designated SAAR-N Government Sponsor. Requests for access should be routed through the NAVAIR_SAAR.fct@navy.mil mailbox.

(c) In order to maintain access to Navy IT resources, the contractor shall ensure completion of initial and annual IA training, monitor expiration of requisite background investigations, and initiate re-investigations as required. If requested, the contractor shall provide to the COR/ACOR or designated SAAR-N Government Sponsor documentation sufficient to prove that it is monitoring/tracking the SAAR-N requirements for its employees who are accessing Navy IT resources. For those contractor personnel not in compliance with the requirements of this clause, access to Navy IT resources will be denied/revoked.

(d) The SAAR-N form remains valid throughout contractual performance, inclusive of performance extensions and option exercises where the contract number does not change. Contractor personnel are required to submit a new SAAR-N form only when they begin work on a new or different contract.

5252.211-9509 INCORPORATION OF THE CONTRACTOR'S TECHNICAL PROPOSAL (NAVAIR)(OCT 2005)

The Contractor's Technical Proposal Number [N00024-10-R-3397], dated [03 Apr 2012], and any amendments/addendums thereof, is incorporated herein by reference, unless otherwise specified, with the same force and effect as if set forth in full text. Nothing in the Contractor's proposal shall constitute a waiver of any of the provisions of the contract, including the Statement(s) of Work and Specification. For purposes of FAR Clause

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52.215-8, "Order of Precedence", the Contractor's technical proposal shall be considered a "Specification" but the Government's Specification shall take precedence over the Contractor's technical proposal.

9.0 INCURRED COST REPORTING

In order to support invoice reviews conducted as part of proper surveillance, the contractor shall report incurred cost and progress in accordance with NAVAIR clause 5252.232-9529, "Incurred Cost and Progress Reporting for Services," CDRL A004, and Attachment 12.

STATEMENT OF WORK ADDENDUM

- (a) Notwithstanding any other provision of this contract, in the event that the Government reduces operations pursuant to a furlough of civilian employees of the Department of Defense, the level of effort for this contract or task order established in 09RA NAVSEA 5252.216-9122 LEVEL OF EFFORT (DEC 2000) shall be reduced for the tenure of the civilian furlough. The level of effort for this contract or task order during the civilian furlough period shall be expended at an average rate of 1,447 hours per week.
- (b) The contractor is not required to remain on standby and should take every effort to minimize its overhead costs during the reduction. At the conclusion of the civilian furlough period, the level of effort will revert to the prior rate. The contractor will not be required to immediately revert to the prior level of effort, but rather will be allowed a reasonable amount of time to revert to the prior rate.
- (c) During the civilian furlough period, unless otherwise authorized by the contracting officer or contracting officer's representative (COR), the work schedule will consist of an 8-hour work day Monday through Thursday. Therefore, Friday will not be part of the work schedule. At the conclusion of the civilian furlough period, the work schedule will revert to the prior established schedule, if any. This revision to the normal work week is not the result of an Executive Order or an administrative leave determination.

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SECTION D PACKAGING AND MARKING

Section D information is applicable to CLINs 6X03 and 9X03.

Note: All provisions and clauses of Section D of the Basic seaport- Multiple Award Contract are applicable to this task order, unless otherwise specified in the task order, in addition to the following:

All deliverables shall be delivered to the Contracting Officer's Representative (COR) at the address shown below:

ELECTROMAGNETIC EFFECTS BRANCH

CODE 5.4.4.6 BUILDING 2105A

INTEGRATED COMBAT ENVIRONMENTS

NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION

48276 STANDLEY ROAD UNIT 5

PATUXENT RIVER MD 20670

10RA HQ D-1-0001 DATA PACKAGING LANGUAGE

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 28 February 2006.

10RA HQ D-2-0008 MARKING OF REPORTS (NAVSEA) (SEP 1990)

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: Alan Mazuc

(Name of Individual Sponsor)

AIR 5.4.4

(Name of Requiring Activity)

Patuxent River, MD

(City and State)

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SECTION E INSPECTION AND ACCEPTANCE

Section E information is applicable to CLINs 4X00, 6X0X, 7000 and 900X.

Note: All provisions and clauses of Section E of the Basic seaport- Multiple Award Contract apply to this task order, unless otherwise specified in the task order, in addition to the following:

Items 4X00, 6X0X, 7000 and 900X – Inspection and acceptance of the services called for hereunder shall be performed in accordance with Section C at the destination approved by the cognizant Procuring Contracting Officer (PCO)/Contracting Officer's Representative (COR). The Government will monitor the Contractor's performance to assure compliance with the contract requirements, inclusive of the terms and conditions, in accordance with Section C Statement of Work and Section J, Attachment 3, Quality Assurance Surveillance Plan (QASP). Final acceptance of all associated Contract Data Requirements List (CDRL), DD Form 1423 Exhibit A items under the associated CLINs 6X03 and 9003 must be completed prior to final acceptance of the services identified herein. Acceptance shall be performed by the first addressee listed in the distribution list under Block 14 and in accordance with Block 16 of the DD Form 1423.

Acceptance of the Contractor's completed performance for each line item shall be acknowledged via DD Form 250, in accordance with Wide Area Workflow (WAWF) Instructions.

Supplies/Services will be inspected/accepted at:

CLINs	INSPECTION AT	INSPECTION BY	ACCEPTANCE AT	ACCEPTANCE BY
4000	Destination	Government	Destination	Government
4100	Destination	Government	Destination	Government
4200	Destination	Government	Destination	Government
4300	Destination	Government	Destination	Government
6001	Destination	Government	Destination	Government
6002	Destination	Government	Destination	Government
6003	Destination	Government	Destination	Government
6101	Destination	Government	Destination	Government
6102	Destination	Government	Destination	Government
6103	Destination	Government	Destination	Government
6201	Destination	Government	Destination	Government
6202	Destination	Government	Destination	Government
6203	Destination	Government	Destination	Government
6301	Destination	Government	Destination	Government
6302	Destination	Government	Destination	Government
6303	Destination	Government	Destination	Government
7000	Destination	Government	Destination	Government
9001	Destination	Government	Destination	Government
9002	Destination	Government	Destination	Government
9003	Destination	Government	Destination	Government

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SECTION F DELIVERABLES OR PERFORMANCE

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

4000	5/1/2012 - 4/30/2013
4100	5/1/2013 - 4/30/2014
4200	5/1/2014 - 4/30/2015
4300	5/1/2015 - 4/30/2016
6001	5/1/2012 - 4/30/2013
6002	5/1/2012 - 4/30/2013
6003	5/1/2012 - 4/30/2013
6101	5/1/2013 - 4/30/2014
6102	5/1/2013 - 4/30/2014
6103	5/1/2013 - 4/30/2014
6201	5/1/2014 - 4/30/2015
6202	5/1/2014 - 4/30/2015
6301	5/1/2015 - 4/30/2016
6302	5/1/2015 - 4/30/2016
7000	5/1/2016 - 4/30/2017
7100	5/1/2017 - 4/30/2018
9001	5/1/2016 - 4/30/2017
9002	5/1/2016 - 4/30/2017
9100	5/1/2017 - 4/30/2018
9101	5/1/2017 - 4/30/2018

Section F information is applicable to CLINs 4X00, 6X0X, 7000, and 900X.

Note: All provisions and clauses of Section F of the Basic Seaport-e Multiple Award Contract apply to this task order, unless otherwise specified in the task order, in addition to the following:

The periods of performance for the following CLINs are shown below:

	CLINs	Period of Performance
Base Period	4000, 6001, 6002, 6003	01May 2012 - 30 Apr2013
Option Period I	4100, 6101, 6102, 6103	01May 2013 - 30 Apr2014
Option Period II	4200, 6201, 6202, 6203	01May 2014 - 30 Apr2015
Option Period III	4300, 6301, 6302, 6303	01May 2015 - 30 Apr2016
Option Period IV	7000, 9001, 9002, 9003	01May 2016 - 30 Apr2017
Option Period V	7100, 9100, 9101	01May 2017 - 30 Apr2018

For the purposes of the below clause the term PCO refers to the Task Order PCO.

5252.211-9507 PERIOD OF PERFORMANCE (NAVAIR) (MAR 1999)

(a) The contract shall commence on 01 May 2012

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and shall continue to 30 Apr 2013. However, the period of performance may be extended in accordance with the option provisions contained herein.

(b) If FAR Clause 52.216-18, "Ordering", is incorporated into this contract, then the period in which the Government can issue orders under the contract will be extended at the exercise of an option, and extended to the end of that option period.

5252.247-9505 TECHNICAL DATA AND INFORMATION (NAVAIR) (FEB 1995)

Technical Data and Information shall be delivered in accordance with the requirements of the Contract Data Requirements List, DD Form 1423, Exhibit A, attached hereto, and the following:

(a) The contractor shall concurrently deliver technical data and information per DD Form 1423, Blocks 12 and 13 (date of first/subsequent submission) to all activities listed in Block 14 of the DD Form 1423 (distribution and addresses) for each item. Complete addresses for the abbreviations in Block 14 are shown in paragraph (g) below. Additionally, the technical data shall be delivered to the following cognizant codes, who are listed in Block 6 of the DD Form 1423.

(1) COR, Code: AIR 5.4.4.

(2) ACO, Code: DCMA.

(b) Partial delivery of data is not acceptable unless specifically authorized on the DD Form 1423, or unless approved in writing by the PCO.

(c) The Government review period provided on the DD Form 1423 for each item commences upon receipt of all required data by the technical activity designated in Block 6.

(d) A copy of all other correspondence addressed to the Contracting Officer relating to data item requirements (i.e., status of delivery) shall also be provided to the codes reflected above and the technical activity responsible for the data item per Block 6, if not one of the activities listed above.

(e) The PCO reserves the right to issue unilateral modifications to change the destination codes and addresses for all technical data and information at no additional cost to the Government.

(f) Unless otherwise specified in writing, rejected data items shall be resubmitted within thirty (30) days after receipt of notice of rejection.

(g) DD Form 1423, Block 14 Mailing Addresses:

CODE 5.4.4.6

ELECTROMAGNETIC EFFECTS BRANCH

CODE 5.4.4.6 BUILDING 2105A

INTEGRATED COMBAT ENVIRONMENTS

NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION

48276 STANDLEY ROAD UNIT 5

PATUXENT RIVER MD 20670

DCMA - To Be Determined at contract award

5252.247-9521 PLACE OF PERFORMANCE (NAVAIR) (OCT 2005)

The services to be performed herein shall be performed at Patuxent River, MD.

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SECTION G CONTRACT ADMINISTRATION DATA

Section G Information is applicable to CLINs 4X00, 6X0X, 7000, and 9X00.

Note: All provisions and clauses of Section G of the basic contract apply to this task order, unless otherwise specified in the task order, in addition to the following:

HQ G-2-0007 INVOICE INSTRUCTIONS (NAVSEA) (JAN 2008) (NAVAIR Deviation)

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

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

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

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

Type of Document (*contracting officer check all that apply*)

<input type="checkbox"/> N/A	Invoice (FFP Supply & Service)
<input type="checkbox"/> N/A	Invoice and Receiving Report Combo (FFP Supply)
<input type="checkbox"/> N/A	Invoice as 2-in-1 (FFP Service Only)
<input checked="" type="checkbox"/> X	Cost Voucher (Cost Reimbursable, T&M , LH, or FPI)
<input type="checkbox"/> N/A	Receiving Report (FFP, DD250 Only)

DODAAC Codes and Inspection and Acceptance Locations

Issue DODAAC	N00421
Admin DODAAC	Block 6 of TO cover
Pay Office DODAAC	Block 12 of TO cover
Inspector DODAAC	N00421

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Service Acceptor DODAAC	<u>N00421</u>
Service Approver DODAAC	<u>N00421</u>
Ship To DODAAC	<u>See Section 'F'</u>
DCAA Auditor DODAAC	<u>DCAA (DoDAAC TBD)</u>
LPO DODAAC	<u>N00421</u>
Inspection Location	<u>See Section "E"</u>
Acceptance Location	<u>See Section "E"</u>

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

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

Send Additional Email Notification To:
alan.mazuc@navy.mil

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

(g) The WAWF system has not yet been implemented on some Navy programs; therefore, upon written concurrence from the cognizant Procuring Contracting Officer, the Contractor is authorized to use DFAS's WInS for electronic end to end invoicing until the functionality of WInS has been incorporated into WAWF.

(h) If you have any questions regarding WAWF, please contact the WAWF helpdesk at the above 1-866 number.

10RA HQ B-2-0015 - For purposes of this clause incorporated at the task order level, the term "contract" means "task order", and the term "Procuring Contracting Officer" is the "Task Order Contracting Officer." Note: The contractor shall invoice the fixed fee rate of CLINs 4X00 and 7000 which is the result of dividing the fixed fee pool by the cost pool. In addition, the contractor shall not invoice for fee based on the individual fee rates utilized in its cost proposal to create the fixed fee pool.

10RA HQ B-2-0015 PAYMENTS OF FEE(S) (LEVEL OF EFFORT) (NAVSEA) (MAY 1993)

(a) For purposes of this contract, "fee" means "target fee" in cost-plus-incentive-fee type contracts, "base fee" in cost-plus-award-fee type contracts, or "fixed fee" in cost-plus-fixed-fee type contracts for level of effort type contracts.

(b) The Government shall make payments to the Contractor, subject to and in accordance with the clause in this contract entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE", (FAR 52.216-10), as applicable. Such payments shall be equal to (* Fee Paid is based on Total Fee Dollars divided by Total Man-Hours to be provided) of

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the allowable cost of each invoice submitted by and payable to the Contractor pursuant to the clause of this contract entitled "ALLOWABLE COST AND PAYMENT" (FAR 52.216-7), subject to the withholding terms and conditions of the "FIXED FEE" or "INCENTIVE FEE" clause, as applicable (percentage of fee is based on fee dollars divided by estimated cost dollars, including facilities capital cost of money). Total fee(s) paid to the Contractor shall not exceed the fee amount(s) set forth in this contract.

(c) The fee(s) specified in SECTION B, and payment thereof, is subject to adjustment pursuant to paragraph (g) of the special contract requirement entitled "LEVEL OF EFFORT." If the fee(s) is reduced and the reduced fee(s) is less than the sum of all fee payments made to the Contractor under this contract, the Contractor shall repay the excess amount to the Government. If the final adjusted fee exceeds all fee payments made to the contractor under this contract, the Contractor shall be paid the additional amount, subject to the availability of funds. In no event shall the Government be required to pay the Contractor any amount in excess of the funds obligated under this contract at the time of the discontinuance of work.

(d) Fee(s) withheld pursuant to the terms and conditions of this contract shall not be paid until the contract has been modified to reduce the fee(s) in accordance with the "LEVEL OF EFFORT" special contract requirement, or until the Procuring Contracting Officer has advised the paying office in writing that no fee adjustment is required.

252.204-0002 LINE ITEM SPECIFIC: SEQUENTIAL ACRN ORDER (SEP 2009)

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

SEA 5252.216-9122 LEVEL OF EFFORT (DEC 2000)

(a) The Contractor agrees to provide the total level of effort specified in the next sentence in performance of the work described in Sections B and C of this contract. The total level of effort for the performance of this contract shall be 512,580 total man-hours of direct labor, including subcontractor direct labor for those subcontractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort.

* Key Personnel

	Total for All Years	Base YR	Option YR I	Option YR II	Option YR III	Option YR IV
Labor Category	Hours	Hours	Hours	Hours	Hours	Hours
Program Manager *	9600	1920	1920	1920	1920	1920
NERF Engineer	9600	1920	1920	1920	1920	1920
NERF Technician *	9600	1920	1920	1920	1920	1920
NERF Technician	49920	5760	9600	11520	11520	11520
Laborer	67200	11520	11520	13440	15360	15360
Lightning Engineer	9600	1920	1920	1920	1920	1920
Lightning Technician *	9600	1920	1920	1920	1920	1920
Lightning Technician	15360	1920	1920	3840	3840	3840
EMP Engineer	9600	1920	1920	1920	1920	1920
EMP Technician *	9600	1920	1920	1920	1920	1920
EMP Technician	44100	7680	7680	9580	9580	9580
EMI Engineer	9600	1920	1920	1920	1920	1920
EMI Technician *	9600	1920	1920	1920	1920	1920
EMI Technician	19200	3840	3840	3840	3840	3840

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Project Engineer	9600	1920	1920	1920	1920	1920
Project Technician *	9600	1920	1920	1920	1920	1920
Technical Writer	9600	1920	1920	1920	1920	1920
Secretary I, II, III	38400	7680	7680	7680	7680	7680
Facility Engineer	9600	1920	1920	1920	1920	1920
Facility Operations Technician	57600	11520	11520	11520	11520	11520
HAZMAT/Safety/IMRL Technician *	9600	1920	1920	1920	1920	1920
Instrumentation Engineer	28800	5760	5760	5760	5760	5760
Instrumentation Technician *	38400	7680	7680	7680	7680	7680
Entry Level Technician	9600	1920	1920	1920	1920	1920
Entry Level Engineer	9600	1920	1920	1920	1920	1920
Total	512580					

(b) Of the total man-hours of direct labor set forth above, it is estimated that ("zero" "0") man-hours are uncompensated effort. Uncompensated effort is defined as hours provided by personnel in excess of 40 hours per week without additional compensation for such excess work. All other effort is defined as compensated effort. If no effort is indicated in the first sentence of this paragraph, uncompensated effort performed by the Contractor shall not be counted in fulfillment of the level of effort obligations under this contract.

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

(d) The level of effort for this contract shall be expended at an average rate of approximately [1809]hours per week. It is understood and agreed that the rate of man-hours per month may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total man-hours of effort prior to the expiration of the term hereof, except as provided in the following paragraph.

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

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

(g) If the total level of effort specified in paragraph (a) above is not provided by the Contractor during the period of this contract, the Contracting Officer, at its sole discretion, shall either (i) reduce the fee of this contract as follows:

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Fee Reduction = Fee x ((Required LOE minus Expended LOE)divided by Required LOE)

or (ii) subject to the provisions of the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable, require the Contractor to continue to perform the work until the total number of man hours of direct labor specified in paragraph (a) above shall have been expended, at no increase in the fee of this contract.

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

(i) Within 45 days after completion of the work under each separately identified period of performance hereunder, the Contractor shall submit the following information in writing to the Contracting Officer with copies to the cognizant Contract Administration Office and to the DCAA office to which vouchers are submitted: (1) the total number of man hours of direct labor expended during the applicable period; (2) a breakdown of this total showing the number of man hours expended in each direct labor classification and associated direct and indirect costs; (3) a breakdown of other costs incurred; and (4) the Contractor's estimate of the total allowable cost incurred under the contract for the period. Within 45 days after completion of the work under the contract, the Contractor shall submit, in addition, in the case of a cost underrun; (5) the amount by which the estimated cost of this contract may be reduced to recover excess funds and, in the case of an underrun in hours specified as the total level of effort; and (6) a calculation of the appropriate fee reduction in accordance with this clause. All submissions shall include subcontractor information.

(j) Notwithstanding any of the provisions in the above paragraphs, the Contractor may furnish man hours up to five percent in excess of the total man hours specified in paragraph (a) above, provided that the additional effort is furnished within the term hereof, and provided further that no increase in the estimated cost or fee is required.

SEA 5252.232-9104 ALLOTMENT OF FUNDS (MAY 1993)

(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:

ESTIMATED

ITEM/CLIN	ALLOTED TO COST	ALLOTED TO FEE	ESTIMATED PERIOD OF PERFORMANCE
Labor/4000	\$ 3,802,725.92	\$ 222,391.29	01 May 2012 - 30 Apr 2013
Labor/4100	\$ 4,016,681.68	\$ 233,156.98	01 May 2013 - 30 Apr 2014
Labor/4200	\$ 5,640,077.83	\$ 321,422.17	01 May 2014 - 30 Apr 2015
Labor/4300	\$ 5,891,679.73	\$ 335,901.27	01 May 2015 - 30 Apr 2016
Labor/7000	\$ 6,383,110.23	\$ 368,943.77	01 May 2016 - 30 Apr 2017
Labor/7100	\$ 1,128,757.80	\$ 65,242.20	01 May 2017 - 30 Apr 2018
Travel/6001	\$ 20,000.00	\$ -	01 May 2012 - 30 Apr 2013

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Travel/6101	\$ 15,000.00	\$ -	01 May 2013 - 30 Apr 2014
Travel/6201	\$ 23,000.00	\$ -	01 May 2014 - 30 Apr 2015
Travel/6301	\$ 33,000.00	\$ -	01 May 2015 - 30 Apr 2016
Travel/9001	\$ 45,000.00	\$ -	01 May 2016 - 30 Apr 2017
Travel/9100	\$ 170,000.00	\$ -	01 May 2017 - 30 Apr 2018
Material/6002	\$ 1,420,000.00	\$ -	01 May 2012 - 30 Apr 2013
Material/6102	\$ 1,528,000.00	\$ -	01 May 2013 - 30 Apr 2014
Material/6202	\$ 2,409,000.00	\$ -	01 May 2014 - 30 Apr 2015
Material/6302	\$ 3,079,100.00	\$ -	01 May 2015 - 30 Apr 2016
Material/9002	\$ 4,089,000.00	\$ -	01 May 2016 - 30 Apr 2017
Material/9101	\$ 615,000.00	\$ -	01 May 2017 - 30 Apr 2018
TOTALS	\$ 40,309,133.19	\$ 1,547,057.68	

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

(c) CLINs/SLINs are fully funded and performance under these CLINs/SLINs is subject to the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable.

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

FUNDING PROFILE

It is estimated that these incremental funds will provide for [420,213 hours]. The following details funding to date:

CLIN		CEILINGS	FUNDING MOD 37	PREVIOUSLY FUNDED	FUNDS AVAILABLE	BALANCE UNFUNDED
4000	labor	\$ 4,041,206.21	\$ -	\$ 4,025,117.21	\$ 4,025,117.21	\$ 16,089.00
4100	labor	\$ 4,267,942.09	\$ -	\$ 4,249,838.66	\$ 4,249,838.66	\$ 18,103.43
4200	labor	\$ 5,961,500.00	\$ -	\$ 5,961,500.00	\$ 5,961,500.00	\$ -
4300	labor	\$ 6,228,376.77	\$ -	\$ 6,227,581.00	\$ 6,227,581.00	\$ 795.77
6001	Travel	\$ 20,000.00	\$ -	\$ 20,000.00	\$ 20,000.00	\$ -
6002	Material	\$ 1,420,000.00	\$ -	\$ 1,420,000.00	\$ 1,420,000.00	\$ -
6101	Travel	\$ 15,000.00	\$ -	\$ 15,000.00	\$ 15,000.00	\$ -
6102	Material	\$ 1,528,000.00	\$ -	\$ 1,528,000.00	\$ 1,528,000.00	\$ -
6201	Travel	\$ 23,000.00	\$ -	\$ 23,000.00	\$ 23,000.00	\$ -
6202	Material	\$ 2,409,000.00	\$ -	\$ 2,409,000.00	\$ 2,409,000.00	\$ -

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6301	Travel	\$ 33,000.00	\$ -	\$ 33,000.00	\$ 33,000.00	\$ -
6302	Material	\$ 3,082,250.00	\$ -	\$ 3,079,100.00	\$ 3,079,100.00	\$ 3,150.00
7000	labor	\$ 6,976,593.66	\$ -	\$ 6,752,054.00	\$ 6,752,054.00	\$ 224,539.66
9001	Travel	\$ 45,000.00	\$ -	\$ 45,000.00	\$ 45,000.00	\$ -
9002	Material	\$ 4,228,375.00	\$ -	\$ 4,089,000.00	\$ 4,089,000.00	\$ 139,375.00
7100	labor	\$ 4,665,545.33	\$ 1,194,000.00	\$ -	\$ 1,194,000.00	\$ 3,471,545.33
9100	Travel	\$ 201,628.87	\$ 170,000.00	\$ -	\$ 170,000.00	\$ 31,628.87
9101	Material	\$ 1,936,000.00	\$ 615,000.00	\$ -	\$ 615,000.00	\$ 1,321,000.00
					\$ -	\$ -
Totals		\$ 47,082,417.93	\$ 1,979,000.00	\$ 39,877,190.87	\$ 41,856,190.87	\$ 5,226,227.06

5252.201-9501 DESIGNATION OF CONTRACTING OFFICER'S REPRESENTATIVE (COR) (NAVAIR) (OCT 1994)

(a) The Contracting Officer has designated Alan Mazuc as the authorized Contracting Officer's Representative (COR) for this contract.

(b) The duties of the COR are limited to the following: See Section J - COR Appointment letter

5252.242-9511 CONTRACT ADMINISTRATION DATA (NAVAIR)(MAR 2008)

(a) Contract Administration Office.

(1) Contract administration functions (see FAR 42.302 and DFARS 242.302) are assigned to:

See the ADMINISTERED BY Block on the face page of the contract or modification.

(2) Contract administration functions withheld, additional contract administration functions assigned, or special instructions (see FAR 42.202) are: as delineated by Procuring Contracting Officer (PCO) correspondence.

(b) Inquiries regarding payment should be referred to: MyInvoice at <https://myinvoice.csd.disa.mil//index.html>

5252.232-9529 INCURRED COST REPORTING AND PROGRESS REPORTING FOR SERVICES (NAVAIR)(DEC 2012)

The following applies to the prime contractors and all subcontractors. If desired, a subcontractor may directly submit the required data in accordance with the contract CDRL A004. When a subcontractor reports directly to the Government, the prime contractor shall highlight the subcontractor costs to be directly reported to the Government.

General: The contractor shall segregate costs incurred under this contract and provide a report as a supplement to each invoice submitted for payment in accordance with the requirements of this clause and CDRL A004. This report shall include the elements outlined below and, at a minimum, be submitted jointly with the invoice. The total of all cost elements below shall match the applicable invoice amount. If there are no costs associated to a particular element, the report shall state "Not Applicable". The data tables outlined in Attachment 12 shall be utilized as required herein and attached to the report.

(a) **Incurred Costs:**

(1) **Summary:** An incurred cost summary shall be reported by completing the "Header" and "Invoice Summary" tabs include in Attachment 12.

(2) **Labor:** Incurred costs for labor shall be reported by completing the "invoiced labor" tab, and, if applicable, the "If Individuals>Hourly Tripwire" tab included in Attachment [insert appropriate contract attachment number]. Additional information regarding individual labor categories and fully burdened labor rates shall be provided upon request.

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(3) **Other Direct Costs (ODCs), including Travel and Material:** Total fully burdened other direct costs shall be reported by completing the "Invoice Summary" tab included in Attachment 12. In addition, an itemized listing of the unburdened other direct charges, including travel and material, shall be provided. For material greater than \$3,000, the invoice number, date, total amount, company, purchase order number, and description of each item shall be included. For travel, the dates, names of individuals traveling, destination, purpose and total cost shall be outlined. A copy of the travel voucher with accompanying receipts shall be provided upon request. For material less than \$3,000, supplemental data shall be provided upon request. The report shall also include the following statements regarding ODCs and Labor: "No fee has been applied to ODCs, and the applicable fee rate does not exceed that identified in NAVAIR Clause 5252.215-9512, Saving Clause."

(b) **Progress:** A description of progress made during the invoice period by labor category shall be included in the report. At a minimum, the description shall include the following: deliverables completed and delivered, problem areas encountered, and any impacts on cost, technical and schedule.

Accounting Data

SLINID	PR Number	Amount
400001	1300262089	90000.00
LLA :		
AB 97X4930 NH2A 251 77777 0 050120 2F 000000 A00001141974		
CIN 130026208900001		
400002	1300262089	200000.00
LLA :		
AA 97X4930 NH2A 251 77777 0 050120 2F 000000 A20001141974		
CIN 130026208900004		
400003	1300262089	300000.00
LLA :		
AD 97X4930 NH2A 251 77777 0 050120 2F 000000 A30001141974		
CIN 130026208900005		
400004	1300262089	150000.00
LLA :		
AF 97X4930 NH2A 251 77777 0 050120 2F 000000 A40001141974		
CIN 130026208900006		
400005	1300262089	150000.00
LLA :		
AG 97X4930 NH2A 251 77777 0 050120 2F 000000 A50001141974		
CIN 130026208900007		
400006	1300262089	150000.00
LLA :		
AE 97X4930 NH2A 251 77777 0 050120 2F 000000 A60001141974		
CIN 130026208900008		

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400007 1300262089 50000.00
 LLA :
 AH 97X4930 NH2A 251 77777 0 050120 2F 000000 A70001141974
 CIN 130026208900009

400008 1300262089 50000.00
 LLA :
 AJ 97X4930 NH2A 251 77777 0 050120 2F 000000 A80001141974
 CIN 130026208900010

600101 1300262089 10000.00
 LLA :
 AA 97X4930 NH2A 251 77777 0 050120 2F 000000 A20001141974
 CIN 130026208900011

600201 1300262089 26000.00
 LLA :
 AB 97X4930 NH2A 251 77777 0 050120 2F 000000 A00001141974
 CIN 130026208900002

600202 1300262089 4000.00
 LLA :
 AC 97X4930 NH2A 251 77777 0 050120 2F 000000 A10001141974
 CIN 130026208900003

600203 1300262089 100000.00
 LLA :
 AD 97X4930 NH2A 251 77777 0 050120 2F 000000 A30001141974
 CIN 130026208900012

600204 1300262089 100000.00
 LLA :
 AE 97X4930 NH2A 251 77777 0 050120 2F 000000 A60001141974
 CIN 130026208900013

BASE Funding 1380000.00
 Cumulative Funding 1380000.00

MOD 01

400009 1300284421 118000.00
 LLA :
 AL 97X4930 NH2A 251 77777 0 050120 2F 000000 A10001286935
 cin 130028442100002

400010 1300284421 100000.00
 LLA :
 AP 97X4930 NH2A 251 77777 0 050120 2F 000000 A20001286935
 CIN 130028442100004

400011 1300284421 120000.00
 LLA :
 AN 97X4930 NH2A 251 77777 0 050120 2F 000000 A30001286935
 CIN 130028442100006

400012 1300284421 100000.00
 LLA :
 AQ 97X4930 NH2A 251 77777 0 050120 2F 000000 A50001286935
 CIN 130028442100008

400013 1300284421 100000.00
 LLA :
 AR 97X4930 NH2A 251 77777 0 050120 2F 000000 A60001286935
 CIN 130028442100009

600205 1300284421 10000.00
 LLA :
 AK 97X4930 NH2A 251 77777 0 050120 2F 000000 A00001286935
 CIN 130028442100001

600206 1300284421 15000.00
 LLA :
 AL 97X4930 NH2A 251 77777 0 050120 2F 000000 A10001286935

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CIN 130028442100003

600207 1300284421 30000.00
 LLA :
 AM 97X4930 NH2A 251 77777 0 050120 2F 000000 A40001286935
 CIN 130028442100005

600208 1300284421 60000.00
 LLA :
 AN 97X4930 NH2A 251 77777 0 050120 2F 000000 A30001286935
 CIN 130028442100007

MOD 01 Funding 653000.00
 Cumulative Funding 2033000.00

MOD 02

400014 1300304973 105000.00
 LLA :
 AS 97X4930 NH2A 251 77777 0 050120 2F 000000 A00001400325
 CIN 130030497300001

400015 1300304973 70500.00
 LLA :
 AT 97X4930 NH2A 251 77777 0 050120 2F 000000 A10001400325
 CIN 130030497300005

400016 1300304973 10000.00
 LLA :
 AU 97X4930 NH2A 251 77777 0 050120 2F 000000 A30001400325
 CIN 130030497300006

400017 1300304973 57000.00
 LLA :
 AV 97X4930 NH2A 251 77777 0 050120 2F 000000 A40001400325
 CIN 130030497300007

400018 1300304973 55500.00
 LLA :
 AW 97X4930 NH2A 251 77777 0 050120 2F 000000 A50001400325
 CIN 130030497300008

400019 1300304973 3000.00
 LLA :
 AX 97X4930 NH2A 251 77777 0 050120 2F 000000 A60001400325
 CIN 130030497300009

400020 1300304973 88000.00
 LLA :
 AY 97X4930 NH2A 251 77777 0 050120 2F 000000 A70001400325
 CIN 130030497300010

400021 1300304973 90000.00
 LLA :
 AZ 97X4930 NH2A 251 77777 0 050120 2F 000000 B00001400325
 CIN 130030497300014

600209 1300304973 135500.00
 LLA :
 AS 97X4930 NH2A 251 77777 0 050120 2F 000000 A00001400325
 CIN 130030497300002

600210 1300304973 14500.00
 LLA :
 AS 97X4930 NH2A 251 77777 0 050120 2F 000000 A10001400325
 CIN 130030497300003

600211 1300304973 100000.00
 LLA :
 BA 97X4930 NH2A 251 77777 0 050120 2F 000000 A20001400325
 CIN 130030497300004

600212 1300304973 300000.00

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LLA :
BB 97X4930 NH2A 251 77777 0 050120 2F 000000 A80001400325
CIN 130030497300011

600213 1300304973 40000.00

LLA :
BC 97X4930 NH2A 251 77777 0 050120 2F 000000 A90001400325
CIN 130030497300012

600214 1300304973 60000.00

LLA :
BA 97X4930 NH2A 251 77777 0 050120 2F 000000 A20001400325
CIN 130030497300013

600215 1300304973 30000.00

LLA :
AS 97X4930 NH2A 251 77777 0 050120 2F 000000 A10001400325
CIN 130030497300016

600216 1300304973 30000.00

LLA :
AZ 97X4930 NH2A 251 77777 0 050120 2F 000000 B00001400325
CIN 130030497300015

MOD 02 Funding 1189000.00
Cumulative Funding 3222000.00

MOD 03

400022 1300314689 85000.00

LLA :
BD 97X4930 NH2A 255 77777 0 050120 2F 000000 A00001489629
CIN 130031468900001

400023 1300314689 15000.00

LLA :
BE 97X4930 NH2A 255 77777 0 050120 2F 000000 A10001489629
CIN 130031468900002

400024 1300314689 5500.00

LLA :
BF 97X4930 NH2A 255 77777 0 050120 2F 000000 A20001489629
CIN 130031468900003

400025 1300314689 3900.00

LLA :
BG 97X4930 NH2A 255 77777 0 050120 2F 000000 A30001489629
CIN 130031468900004

400026 1300314689 1500.00

LLA :
BH 97X4930 NH2A 255 77777 0 050120 2F 000000 A40001489629
CIN 130031468900005

400027 1300314689 500000.00

LLA :
BJ 97X4930 NH2A 255 77777 0 050120 2F 000000 A50001489629
CIN 130031468900006

400028 1300314689 50000.00

LLA :
BK 97X4930 NH2A 255 77777 0 050120 2F 000000 A60001489629
CIN 130031468900007

400029 1300314689 250000.00

LLA :
BL 97X4930 NH2A 255 77777 0 050120 2F 000000 A60001489629
CIN 130031468900008

400030 1300314689 170000.00

LLA :
BM 97X4930 NH2A 255 77777 0 050120 2F 000000 A70001489629
CIN 130031468900009

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600217 1300314689 25000.00
 LLA :
 BD 97X4930 NH2A 255 77777 0 050120 2F 000000 A00001489629
 CIN 130031468900010

600218 1300314689 50000.00
 LLA :
 BN 97X4930 NH2A 255 77777 0 050120 2F 000000 A80001489629
 CIN 130031468900011

600219 1300314689 50000.00
 LLA :
 BP 97X4930 NH2A 255 77777 0 050120 2F 000000 A90001489629
 CIN 130031468900012

600220 1300314689 180000.00
 LLA :
 BQ 97X4930 NH2A 255 77777 0 050120 2F 000000 B00001489629
 CIN 130031468900013

MOD 03 Funding 1385900.00
 Cumulative Funding 4607900.00

MOD 04

400031 1300329878 120000.00
 LLA :
 BR 97X4930 NH2A 255 77777 0 050120 2F 000000 A00001582576
 CIN# 130032987800001

400032 1300329878 500000.00
 LLA :
 BS 97X4930 NH2A 255 77777 0 050120 2F 000000 A10001582576
 CIN#130032987800002

400033 1300329878 25000.00
 LLA :
 BT 97X4930 NH2A 251 77777 0 050120 2F 000000 A20001582576
 CIN#130032987800003

600102 1300329878 10000.00
 LLA :
 BT 97X4930 NH2A 251 77777 0 050120 2F 000000 A20001582576
 CIN#130032987800006

600221 1300329878 50000.00
 LLA :
 BU 97X4930 NH2A 255 77777 0 050120 2F 000000 A30001582576
 CIN#130032987800004

600222 1300329878 10000.00
 LLA :
 BR 97X4930 NH2A 255 77777 0 050120 2F 000000 A00001582576
 CIN#130032987800005

MOD 04 Funding 715000.00
 Cumulative Funding 5322900.00

MOD 05

410001 1300339223 155000.00
 LLA :
 BV 97X4930 NH2A 251 77777 0 050120 2F 000000 A00001646573
 Standard Number: CIN: 130033922300001
 5446 EME Labor

410002 1300339226 62500.00
 LLA :
 BW 97X4930 NH2A 255 77777 0 050120 2F 000000 A00001646574
 Standard Number: CIN: 130033922600001
 5449 EMI Labor

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410003 1300339226 53800.00
 LLA :
 BX 97X4930 NH2A 255 77777 0 050120 2F 000000 A10001646574
 Standard Number: CIN: 130033922600002
 5449 EMI Labor

410004 1300339226 150000.00
 LLA :
 BY 97X4930 NH2A 255 77777 0 050120 2F 000000 A20001646574
 Standard Number: CIN: 130033922600003
 5446 EME Labor

410005 1300339226 60000.00
 LLA :
 BZ 97X4930 NH2A 255 77777 0 050120 2F 000000 A3001646574
 Standard Number: CIN: 130033922600004
 5446 EME Labor

410006 1300339226 100000.00
 LLA :
 BZ 97X4930 NH2A 255 77777 0 050120 2F 000000 A30001646574
 Standard Number: CIN: 130033922600005
 5446 EME Light Labor

410007 1300339226 600000.00
 LLA :
 CA 97X4930 NH2A 255 77777 0 050120 2F 000000 A40001646574
 Standard Number: CIN: 130033922600006
 5446 EME NERF Labor

610101 1300339226 10000.00
 LLA :
 CD 97X4930 NH2A 255 77777 0 050120 2F 000000 A7000164574
 Standard Number: CIN: 130033922600011
 5446 EME Travel

610201 1300339226 40000.00
 LLA :
 CB 97X4930 NH2A 255 77777 0 050120 2F 000000 A50001646574
 Standard Number: CIN: 1300339226
 5446 EME Material

610202 1300339226 35000.00
 LLA :
 CC 97X4930 NH2A 255 77777 0 050120 2F 000000 A60001646574
 Standard Number: CIN: 130033922600008
 5446 EME Material

610203 1300339226 175000.00
 LLA :
 CA 97X4930 NH2A 255 77777 0 050120 2F 000000 A40001646574
 Standard Number: CIN: 130033922600009
 5446 EME Material

610204 1300339226 25000.00
 LLA :
 BX 97X4930 NH2A 255 77777 0 050120 2F 000000 A10001646574
 Standard Number: CIN: 1300339226
 5449 EMI Material

MOD 05 Funding 1466300.00
 Cumulative Funding 6789200.00

MOD 06

400034 1300347732 110000.00
 LLA :
 CE 97X4930 NH2A 255 77777 0 050120 2F 000000 A00001708820
 Standard Number: CIN 130034773200001
 5446 EME NERF Labor

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MOD 06 Funding 110000.00
Cumulative Funding 6899200.00

MOD 07 Funding 0.00
Cumulative Funding 6899200.00

MOD 08 Funding 0.00
Cumulative Funding 6899200.00

MOD 09

410008 1300365501 85000.00
LLA :
CF 97X4930 NH2A 255 77777 0 050120 2F 000000 A00001822250
Standard Number: CIN 130036550100001

410009 1300365501 15000.00
LLA :
CF 97X4930 NH2A 255 77777 0 050120 2F 000000 A00001822250
Standard Number: CIN 130036550100002

410010 1300365501 200000.00
LLA :
CF 97X4930 NH2A 255 77777 0 050120 2F 000000 A00001822250
Standard Number: CIN 130036550100003

410011 1300365501 80000.00
LLA :
CG 97X4930 NH2A 255 77777 0 050120 2F 000000 A10001822250
Standard Number: CIN 130036550100004

410012 1300365501 100000.00
LLA :
CH 97X4930 NH2A 255 77777 0 050120 2F 000000 A20001822250
Standard Number: CIN 130036550100006

410013 1300365501 100000.00
LLA :
CJ 97X4930 NH2A 255 77777 0 050120 2F 000000 A30001822250
Standard Number: CIN 130036550100005

410014 1300365501 120000.00
LLA :
CK 97X4930 NH2A 255 77777 0 050120 2F 000000 A40001822250
Standard Number: CIN 130036550100007

610102 1300365501 5000.00
LLA :
CH 97X4930 NH2A 255 77777 0 050120 2F 000000 A20001822250
Standard Number: CIN 130036550100013

610205 1300365501 20000.00
LLA :
CL 97X4930 NH2A 255 77777 0 050120 2F 000000 A50001822250
Standard Number: CIN 130036550100008

610206 1300365501 10000.00
LLA :
CF 97X4930 NH2A 255 77777 0 050120 2F 000000 A00001822250
Standard Number: CIN 130036550100009

610207 1300365501 100000.00
LLA :
CM 97X4930 NH2A 255 77777 0 050120 2F 000000 A60001822250
Standard Number: CIN 130036550100010

610208 1300365501 30000.00
LLA :
CN 97X4930 NH2A 255 77777 0 050120 2F 000000 A70001822250
Standard Number: CIN 130036550100011

610209 1300365501 70000.00
LLA :
CK 97X4930 NH2A 255 77777 0 050120 2F 000000 A40001822250

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Standard Number: CIN 130036550100012

MOD 09 Funding 935000.00
Cumulative Funding 7834200.00

MOD 10

400035 1300380214-0001 21000.00
LLA :
CP 97X4930 NH2A 255 77777 0 050120 2F 000000 A00001930690
CIN 130038021400001

410015 1300380214-0001 112000.00
LLA :
CP 97X4930 NH2A 255 77777 0 050120 2F 000000 A00001930690
CIN 130038021400002

410016 1300380214-0001 460000.00
LLA :
CQ 97X4930 NH2A 255 77777 0 050120 2F 000000 A10001930690
CIN 130038021400003

410017 1300380214-0001 540000.00
LLA :
CR 97X4930 NH2A 255 77777 0 050120 2F 000000 A20001930690
CIN 130038021400004

410018 1300380214-0001 207000.00
LLA :
CS 97X4930 NH2A 255 77777 0 050120 2F 000000 A30001930690
CIN 130038021400005

410019 1300380214-0001 23000.00
LLA :
CT 97X4930 NH2A 255 77777 0 050120 2F 000000 A40001930690
CIN 130038021400006

410020 1300380214-0001 90000.00
LLA :
CU 97X4930 NH2A 255 77777 0 050120 2F 000000 A50001930690
CIN 130038021400007

610210 1300380214-0001 30000.00
LLA :
CU 97X4930 NH2A 255 77777 0 050120 2F 000000 A50001930690
CIN 130038021400008

610211 1300380214-0001 419000.00
LLA :
CV 97X4930 NH2A 255 77777 0 050120 2F 000000 A70001930690
CIN 130038021400010

610212 1300380214-0001 160000.00
LLA :
CW 97X4930 NH2A 255 77777 0 050120 2F 000000 A60001930690
CIN 130038021400011

610213 1300380214-0001 100000.00
LLA :
CX 97X4930 NH2A 255 77777 0 050120 2F 000000 A80001930690
CIN 130038021400012

610214 1300380214-0001 129000.00
LLA :
CV 97X4930 NH2A 255 77777 0 050120 2F 000000 A70001930690
CIN 130038021400013

610215 1300380214-0001 100000.00
LLA :
CS 97X4930 NH2A 255 77777 0 050120 2F 000000 A30001930690
CIN 130038021400014

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MOD 10 Funding 2391000.00
Cumulative Funding 10225200.00

MOD 11

410021 1300402260 95000.00
LLA :
CY 97X4930 NH2A 255 77777 0 050120 2F 000000 A00002117287
CIN 130040226000001

410022 1300402260 40000.00
LLA :
CZ 97X4930 NH2A 255 77777 0 050120 2F 000000 A10002117287
CIN 130040226000002

410023 1300402260 275000.00
LLA :
DA 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002117287
CIN 130040226000004

410024 1300402260 275000.00
LLA :
DB 97X4930 NH2A 255 77777 0 050120 2F 000000 A40002117287
CIN 130040226000005

410025 1300402260 25000.00
LLA :
DC 97X4930 NH2A 255 77777 0 050120 2F 000000 A50002117287
CIN 130040226000006

610103 1300402260 10000.00
LLA :
DA 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002117287
CIN 130040226000008

610216 1300402260 35000.00
LLA :
CY 97X4930 NH2A 255 77777 0 050120 2F 000000 A00002117287
CIN 130040226000003

610217 1300402260 150000.00
LLA :
DD 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002117287
CIN 130040226000007

610218 1300402260 50000.00
LLA :
DE 97X4930 NH2A 255 77777 0 050120 2F 000000 A70002117287
CIN 130040226000010

610219 1300402260 50000.00
LLA :
DF 97X4930 NH2A 255 77777 0 050120 2F 000000 A80002117287
CIN 130040226000009

MOD 11 Funding 1005000.00
Cumulative Funding 11230200.00

MOD 12

410021 1300402260 (95000.00)
LLA :
CY 97X4930 NH2A 255 77777 0 050120 2F 000000 A00002117287
CIN 130040226000001

410022 1300402260 (40000.00)
LLA :
CZ 97X4930 NH2A 255 77777 0 050120 2F 000000 A10002117287
CIN 130040226000002

410023 1300402260 (275000.00)
LLA :
DA 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002117287

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CIN 130040226000004

410024 1300402260 (275000.00)
 LLA :
 DB 97X4930 NH2A 255 77777 0 050120 2F 000000 A40002117287
 CIN 130040226000005

410025 1300402260 (25000.00)
 LLA :
 DC 97X4930 NH2A 255 77777 0 050120 2F 000000 A50002117287
 CIN 130040226000006

610103 1300402260 (10000.00)
 LLA :
 DA 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002117287
 CIN 130040226000008

610216 1300402260 (35000.00)
 LLA :
 CY 97X4930 NH2A 255 77777 0 050120 2F 000000 A00002117287
 CIN 130040226000003

610217 1300402260 (150000.00)
 LLA :
 DD 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002117287
 CIN 130040226000007

610218 1300402260 (50000.00)
 LLA :
 DE 97X4930 NH2A 255 77777 0 050120 2F 000000 A70002117287
 CIN 130040226000010

610219 1300402260 (50000.00)
 LLA :
 DF 97X4930 NH2A 255 77777 0 050120 2F 000000 A80002117287
 CIN 130040226000009

MOD 12 Funding -1005000.00
 Cumulative Funding 10225200.00

MOD 13

410026 1300402260 95000.00
 LLA :
 CY 97X4930 NH2A 255 77777 0 050120 2F 000000 A00002117287
 CIN 130040226000001

410027 1300402260 40000.00
 LLA :
 CZ 97X4930 NH2A 255 77777 0 050120 2F 000000 A10002117287
 CIN 130040226000002

410028 1300402260 275000.00
 LLA :
 DA 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002117287
 CIN 130040226000004

410029 1300402260 275000.00
 LLA :
 DB 97X4930 NH2A 255 77777 0 050120 2F 000000 A40002117287
 CIN 130040226000005

410030 1300402260 25000.00
 LLA :
 DC 97X4930 NH2A 255 77777 0 050120 2F 000000 A50002117287
 CIN 130040226000006

610104 1300402260 10000.00
 LLA :
 DA 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002117287
 CIN 130040226000008

610220 1300402260 35000.00

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LLA :
CY 97X4930 NH2A 255 77777 0 050120 2F 000000 A00002117287
CIN 130040226000003

610221 1300402260 150000.00

LLA :
DD 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002117287
CIN 130040226000007

610222 1300402260 50000.00

LLA :
DE 97X4930 NH2A 255 77777 0 050120 2F 000000 A70002117287
CIN 130040226000010

610223 1300402260 50000.00

LLA :
DF 97X4930 NH2A 255 77777 0 050120 2F 000000 A80002117287
CIN 130040226000009

MOD 13 Funding 1005000.00
Cumulative Funding 11230200.00

MOD 14

410031 1300417840 105000.00

LLA :
DG 97X4930 NH2A 255 77777 0 050120 2F 000000 A00002237267
CIN 130041784000001

410032 1300417840 40000.00

LLA :
DH 97X4930 NH2A 255 77777 0 050120 2F 000000 A10002237267
CIN 130041784000002

420001 1300417840 30000.00

LLA :
DH 97X4930 NH2A 255 77777 0 050120 2F 000000 A10002237267
CIN 130041784000003

420002 1300417840 417000.00

LLA :
DJ 97X4930 NH2A 255 77777 0 050120 2F 000000 A40002237267
CIN 130041784000005

420003 1300417840 290000.00

LLA :
DK 97X4930 NH2A 255 77777 0 050120 2F 000000 A30002237267
CIN 130041784000006

420004 1300417840 53000.00

LLA :
DL 97X4930 NH2A 255 77777 0 050120 2F 000000 A50002237267
CIN 130041784000007

420005 1300417840 50000.00

LLA :
DM 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002237267
CIN 130041784000008

420006 1300417840 90000.00

LLA :
DN 97X4930 NH2A 255 77777 0 050120 2F 000000 A70002237267
CIN 130041784000009

420007 1300417840 21000.00

LLA :
DP 97X4930 NH2A 255 77777 0 050120 2F 000000 A80002237267
CIN 130041784000010

420008 1300417840 65000.00

LLA :
DQ 97X4930 NH2A 255 77777 0 050120 2F 000000 A90002237267
CIN 130041784000011

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420009 1300417840 14000.00
 LLA :
 DR 97X4930 NH2A 255 77777 0 050120 2F 000000 B00002237267
 CIN 130041784000012

420010 1300417840 120000.00
 LLA :
 DK 97X4930 NH2A 255 77777 0 050120 2F 000000 A30002237267
 CIN 130041784000017

620101 1300417840 5000.00
 LLA :
 DK 97X4930 NH2A 255 77777 0 050120 2F 000000 A30002237267
 CIN 130041784000016

620201 1300417840 52000.00
 LLA :
 DS 97X4930 NH2A 255 77777 0 050120 2F 000000 B10002237267
 CIN 130041784000013

620202 1300417840 100000.00
 LLA :
 DM 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002237267
 CIN 130041784000015

620203 1300417840 100000.00
 LLA :
 DQ 97X4930 NH2A 255 77777 0 050120 2F 000000 A90002237267
 CIN 130041784000014

MOD 14 Funding 1552000.00
 Cumulative Funding 12782200.00

MOD 15

400036 1300436764 11217.21
 LLA :
 DZ 97X4930 NH2A 255 77777 0 050120 2F 000000 A00002370941
 CIN 130043676400002

410033 1300436764 65438.66
 LLA :
 DT 97X4930 NH2A 255 77777 0 050120 2F 000000 A10002370941
 CIN 130043676400003

420011 1300436764 200000.00
 LLA :
 EF 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002370941
 CIN 130043676400004

420012 1300436764 60000.00
 LLA :
 D1 97X4930 NH2A 255 77777 0 050120 2F 000000 A30002370941
 CIN 130043676400005

420013 1300436764 300000.00
 LLA :
 DT 97X4930 NH2A 255 77777 0 050120 2F 000000 A10002370941
 CIN 130043676400006

420014 1300436764 200000.00
 LLA :
 EG 97X4930 NH2A 255 77777 0 050120 2F 000000 A40002370941
 CIN 130043676400007

420015 1300436764 230000.00
 LLA :
 EH 97X4930 NH2A 255 77777 0 050120 2F 000000 A50002370941
 CIN 130043676400008

420016 1300436764 10000.00
 LLA :

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EJ 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002370941
CIN 130043676400009

420017 1300436764 50000.00

LLA :

EK 97X4930 NH2A 255 77777 0 050120 2F 000000 A70002370941
CIN 130043676400010

420018 1300436764 102000.00

LLA :

EL 97X4930 NH2A 255 77777 0 050120 2F 000000 A80002370941
CIN 130043676400011

610104 1300402260 (10000.00)

LLA :

DA 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002117287
CIN 130040226000008

610221 1300402260 (150000.00)

LLA :

DD 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002117287
CIN 130040226000007

610223 1300402260 (50000.00)

LLA :

DF 97X4930 NH2A 255 77777 0 050120 2F 000000 A80002117287
CIN 130040226000009

610224 1300436764 300000.00

LLA :

EH 97X4930 NH2A 255 77777 0 050120 2F 000000 A50002370941
CIN 130043676400012

610225 1300436764 50000.00

LLA :

EJ 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002370941
CIN 130043676400013

610226 1300436764 5000.00

LLA :

EJ 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002370941
CIN 130043676400014

610227 1300436764 25000.00

LLA :

EM 97X4930 NH2A 255 77777 0 050120 2F 000000 A90002370941
CIN 130043676400015

610228 1300436764 23000.00

LLA :

EN 97X4930 NH2A 255 77777 0 050120 2F 000000 B00002370941
CIN 130043676400016

620102 1300402260-0001 10000.00

LLA :

DA 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002117287
CIN 130040226000008

620204 1300402260-0001 150000.00

LLA :

DD 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002117287
cin 130040226000007

620205 1300402260-0001 50000.00

LLA :

DF 97X4930 NH2A 255 77777 0 050120 2F 000000 A80002117287
cin 130040226000009

MOD 15 Funding 1631655.87
Cumulative Funding 14413855.87

MOD 16

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
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420019 1300440915 699000.00
 LLA :
 EP 9740400 4HGA 255 00019 0 050120 2D 000000 A00002400493
 CIN 130044091500001

610224 1300436764 (300000.00)
 LLA :
 EH 97X4930 NH2A 255 77777 0 050120 2F 000000 A50002370941
 CIN 130043676400012

610225 1300436764 (50000.00)
 LLA :
 EJ 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002370941
 CIN 130043676400013

610226 1300436764 (5000.00)
 LLA :
 EJ 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002370941
 CIN 130043676400014

610227 1300436764 (25000.00)
 LLA :
 EM 97X4930 NH2A 255 77777 0 050120 2F 000000 A90002370941
 CIN 130043676400015

610228 1300436764 (23000.00)
 LLA :
 EN 97X4930 NH2A 255 77777 0 050120 2F 000000 B00002370941
 CIN 130043676400016

620206 1300440915 200000.00
 LLA :
 EP 9740400 4HGA 255 00019 0 050120 2D 000000 A00002400493
 CIN 130044091500002

620207 1300436764-0001 300000.00
 LLA :
 EH 97X4930 NH2A 255 77777 0 050120 2F 000000 A50002370941
 CIN 130043676400012

620208 50000.00
 LLA :
 EJ 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002370941
 CIN 130043676400013

620209 1300436764-0001 5000.00
 LLA :
 EJ 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002370941
 CIN 130043676400014

620210 1300436764-0001 25000.00
 LLA :
 EM 97X4930 NH2A 255 77777 0 050120 2F 000000 A90002370941
 CIN 130043676400015

620211 1300436764-0001 23000.00
 LLA :
 EN 97X4930 NH2A 255 77777 0 050120 2F 000000 B00002370941
 CIN 130043676400016

MOD 16 Funding 899000.00
 Cumulative Funding 15312855.87

MOD 17

620212 1300437399 97000.00
 LLA :
 EQ 1741804 4RZ3 255 00019 0 050120 2D 000000
 CIN 130043739900001

MOD 17 Funding 97000.00
 Cumulative Funding 15409855.87

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MOD 18

420020 1300453556 181000.00
 LLA :
 D2 97X4930 NH2A 255 77777 0 050120 2F 000000 A00002497212
 CIN 130045355600001

420021 1300453556 95000.00
 LLA :
 D3 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002497212
 CIN 130045355600002

420022 1300453556 51600.00
 LLA :
 D4 97X4930 NH2A 255 77777 0 050120 2F 000000 A10002497212
 CIN 130045355600003

420023 1300453556 76400.00
 LLA :
 D5 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002497212
 CIN 130045355600004

420024 1300453556 101300.00
 LLA :
 D6 97X4930 NH2A 255 77777 0 050120 2F 000000 A30002497212
 CIN 130045355600005

420025 1300453556 14100.00
 LLA :
 D7 97X4930 NH2A 255 77777 0 050120 2F 000000 A40002497212
 CIN 130045355600006

420026 1300453556 192500.00
 LLA :
 D8 97X4930 NH2A 255 77777 0 050120 2F 000000 A50002497212
 CIN 130045355600007

420027 1300453556 12400.00
 LLA :
 D9 97X4930 NH2A 255 77777 0 050120 2F 000000 A70002497212
 CIN 130045355600008

420028 1300453556 354500.00
 LLA :
 E1 97X4930 NH2A 255 77777 0 050120 2F 000000 A80002497212
 CIN 130045355600009

420029 130000453556 28700.00
 LLA :
 E2 97X4930 NH2A 255 77777 0 050120 2F 000000 A90002497212
 CIN 130045355600010

620213 1300453556 17500.00
 LLA :
 E3 97X4930 NH2A 255 77777 0 050120 2F 000000 B00002497212
 130045355600011

620214 1300453556 17500.00
 LLA :
 E4 97X4930 NH2A 255 77777 0 050120 2F 000000 B10002497212
 130045355600012

620215 1300453556 180000.00
 LLA :
 E5 97X4930 NH2A 255 77777 0 050120 2F 000000 B20002497212
 130045355600013

620216 1300453556 10000.00
 LLA :
 D0 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002497212
 130045355600014

620217 1300453556 10000.00

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LLA :
E6 97X4930 NH2A 255 77777 0 050120 2F 000000 B30002497212
130045355600015

620218 1300453556 250000.00

LLA :
E7 97X4930 NH2A 255 77777 0 050120 2F 000000 A80002497212
130045355600016

MOD 18 Funding 1592500.00
Cumulative Funding 17002355.87

MOD 19

420030 1300453723 886000.00

LLA :
E8 9740400 4HGA 255 00019 0 050120 2D 000000 A00002498922
CIN 130045372300001

620219 1300453723 714000.00

LLA :
F8 9740400 4HGA 255 00019 0 050120 2D 000000 A00002498922
CIN 130045372300002

MOD 19 Funding 1600000.00
Cumulative Funding 18602355.87

MOD 20

420031 1300462961 180000.00

LLA :
G3 97X4930 NH2A 255 77777 0 050120 2F 000000 A00002599509
CIN 130046296100001

420032 1300462961 258000.00

LLA :
F9 97X4930 NH2A 255 77777 0 050120 2F 000000 A10002599509
CIN 130046296100002

420033 1300462961 19000.00

LLA :
G2 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002599509
CIN 130046296100003

620220 1300462961 20000.00

LLA :
G3 97X4930 NH2A 255 77777 0 050120 2F 000000 A00002599509
CIN 130046296100004

MOD 20 Funding 477000.00
Cumulative Funding 19079355.87

MOD 21

420034 1300478535 350000.00

LLA :
G4 97X4930 NH2A 255 77777 0 050120 2F 000000 A00002728553
CIN 130047853500001

420035 1300478535 110000.00

LLA :
G5 97X4930 NH2A 255 77777 0 050120 2F 000000 A10002728553
CIN 130047853500002

420036 1300478535 50000.00

LLA :
G6 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002728553
CIN 130047853500003

620103 1300478535 8000.00

LLA :

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G4 97X4930 NH2A 255 77777 0 050120 2F 000000 A00002728553
CIN 130047853500005

620221 1300478535 10000.00
LLA :

G6 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002728553
CIN 130047853500004

620222 1300478535 28000.00
LLA :

G7 97X4930 NH2A 255 77777 0 050120 2F 000000 A30002728553
CIN 130047853500006

MOD 21 Funding 556000.00
Cumulative Funding 19635355.87

MOD 22

430001 1300490783 785000.00
LLA :

G8 97X4930 NH2A 255 77777 0 050120 2F 000000 A00002817596
CIN 130049078300001

430002 1300490783 200000.00
LLA :

G9 97X4930 NH2A 255 77777 0 050120 2F 000000 A10002817596
CIN 130049078300002

430003 1300490783 100000.00
LLA :

H1 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002817596
CIN 130049078300003

430004 1300490783 100000.00
LLA :

H2 97X4930 NH2A 255 77777 0 050120 2F 000000 A30002817596
CIN 130049078300004

430005 1300490783 100000.00
LLA :

H3 97X4930 NH2A 255 77777 0 050120 2F 000000 A40002817596
CIN 130049078300005

430006 1300490783 48000.00
LLA :

H4 97X4930 NH2A 255 77777 0 050120 2F 000000 A50002817596
CIN 130049078300006

430007 1300490783 110000.00
LLA :

H5 97X4930 NH2A 255 77777 0 050120 2F 000000 A60002817596
CIN 130049078300007

430008 1300490783 178000.00
LLA :

H6 97X4930 NH2A 255 77777 0 050120 2F 000000 A70002817596
CIN 130049078300008

630101 1300490783 10000.00
LLA :

H6 97X4930 NH2A 255 77777 0 050120 2F 000000 A70002817596
CIN 130049078300009

630102 1300490783 15000.00
LLA :

H7 97X4930 NH2A 255 77777 0 050120 2F 000000 A80002817596
CIN 130049078300010

630201 1300490783 51000.00
LLA :

H8 97X4930 NH2A 255 77777 0 050120 2F 000000 B10002817596
CIN 130049078300011

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630202 1300490783 250000.00
 LLA :
 H3 97X4930 NH2A 255 77777 0 050120 2F 000000 A40002817596
 CIN 130049078300012

630203 1300490783 100000.00
 LLA :
 H1 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002817596
 CIN 130049078300013

630204 1300490783 100000.00
 LLA :
 H7 97X4930 NH2A 255 77777 0 050120 2F 000000 A80002817596
 CIN 130049078300014

630205 1300490783 50000.00
 LLA :
 H6 97X4930 NH2A 255 77777 0 050120 2F 000000 A70002817596
 CIN 130049078300015

630206 1300490783 50000.00
 LLA :
 H9 97X4930 NH2A 255 77777 0 050120 2F 000000 B00002817596
 CIN 130049078300016

MOD 22 Funding 2247000.00
 Cumulative Funding 21882355.87

MOD 23

430009 1300500289 1794000.00
 LLA :
 J1 9750400 4HGA 255 00019 0 050120 2D 000000 A00002888046
 CIN 130050028900001

630207 1300500289 640000.00
 LLA :
 J1 9750400 4HGA 255 00019 0 050120 2D 000000 A00002888046
 CIN 130050028900002

MOD 23 Funding 2434000.00
 Cumulative Funding 24316355.87

MOD 24

430010 1300527363-0001 90000.00
 LLA :
 J2 97X4930 NH2A 255 77777 0 050120 2F 000000 A10003071531
 CIN 130052736300001

430011 1300527363-0001 24581.00
 LLA :
 J3 97X4930 NH2A 255 77777 0 050120 2F 000000 A00003071531
 CIN 130052736300003

430012 1300527363-0001 62000.00
 LLA :
 J4 97X4930 NH2A 255 77777 0 050120 2F 000000 A20003071531
 CIN 130052736300004

430013 1300527363-0001 143000.00
 LLA :
 J5 97X4930 NH2A 255 77777 0 050120 2F 000000 A30003071531
 CIN 130052736300005

430014 1300527363-0001 101000.00
 LLA :
 J6 97X4930 NH2A 255 77777 0 050120 2F 000000 A40003071531
 CIN 130052736300006

430015 1300527363-0001 102500.00
 LLA :

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J7 97X4930 NH2A 255 77777 0 050120 2F 000000 A50003071531
CIN 130052736300007

430016 1300527363-0001 279500.00

LLA :

J8 97X4930 NH2A 255 77777 0 050120 2F 000000 A60003071531
CIN 130052736300008

430017 1300527363-0001 68900.00

LLA :

J8 97X4930 NH2A 255 77777 0 050120 2F 000000 A60003071531
CIN 130052736300009

630208 1300527363-0001 300000.00

LLA :

J2 97X4930 NH2A 255 77777 0 050120 2F 000000 A10003071531
CIN 130052736300010

630209 1300527363-0001 193500.00

LLA :

J9 97X4930 NH2A 255 77777 0 050120 2F 000000 A70003071531
CIN 130052736300012

630210 1300527363-0001 6500.00

LLA :

J8 97X4930 NH2A 255 77777 0 050120 2F 000000 A60003071531
CIN 130052736300013

MOD 24 Funding 1371481.00
Cumulative Funding 25687836.87

MOD 25 Funding 0.00
Cumulative Funding 25687836.87

MOD 26

430018 1300532400 180000.00

LLA :

K1 97X4930 NH2A 255 77777 0 050120 2F 000000 A00003126228
CIN 130053240000001

430019 1300532400 90000.00

LLA :

K2 97X4930 NH2A 255 77777 0 050120 2F 000000 A10003126228
CIN 130053240000002

430020 1300532400 250000.00

LLA :

K3 97X4930 NH2A 255 77777 0 050120 2F 000000 A80003126228
CIN 130053240000003

430021 1300532400 90000.00

LLA :

K4 97X4930 NH2A 255 77777 0 050120 2F 000000 A20003126228
CIN 130053240000004

430022 1300532400 80000.00

LLA :

K5 97X4930 NH2A 255 77777 0 050120 2F 000000 A30003126228
CIN 130053240000005

430023 1300532400 80000.00

LLA :

K6 97X4930 NH2A 255 77777 0 050120 2F 000000 A40003126228
CIN 130053240000006

430024 1300532400 80000.00

LLA :

K7 97X4930 NH2A 255 77777 0 050120 2F 000000 A50003126228
CIN 130053240000007

430025 1300532400 250000.00

LLA :

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K8 97X4930 NH2A 255 77777 0 050120 2F 000000 A60003126228
CIN 130053240000008

430026 1300532400 80000.00
LLA :

K9 97X4930 NH2A 255 77777 0 050120 2F 000000 A70003126228
CIN 130053240000009

430027 1300532838 16100.00
LLA :

L1 97X4930 NH2A 255 77777 0 050120 2F 000000 A00003130477
CIN 130053283800001

630211 1300532400 152000.00
LLA :

K6 97X4930 NH2A 255 77777 0 050120 2F 000000 A40003126228
CIN 130053240000010

630212 1300532838 3100.00
LLA :

L1 97X4930 NH2A 255 77777 0 050120 2F 000000 A00003130477
CIN 130053283800002

MOD 26 Funding 1351200.00
Cumulative Funding 27039036.87

MOD 27

430028 1300536052 140000.00
LLA :

L2 97X4930 NH2A 255 77777 0 050120 2F 000000 A00003160731
CIN 130053605200001

630213 1300536052 550000.00
LLA :

L3 97X4930 NH2A 255 77777 0 050120 2F 000000 A10003160731
CIN 130053605200002

MOD 27 Funding 690000.00
Cumulative Funding 27729036.87

MOD 28

630214 1300537329 21326.00
LLA :

L4 97X4930 NH2A 255 77777 0 050120 2F 000000 A00003173146
CIN 130053732900001

630215 1300537329 198326.00
LLA :

L5 97X4930 NH2A 255 77777 0 050120 2F 000000 A10003173146
CIN 130053732900002

630216 1300537329 3348.00
LLA :

L6 97X4930 NH2A 255 77777 0 050120 2F 000000 A20003173146
CIN 130053732900003

MOD 28 Funding 223000.00
Cumulative Funding 27952036.87

MOD 29

430029 1300546456 259000.00
LLA :

L7 97X4930 NH2A 255 77777 0 050120 2F 000000 A00003249506
130054645600001

430030 1300546456 54000.00
LLA :

L8 97X4930 NH2A 255 77777 0 050120 2F 000000 A10003249506

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130054645600002

430031 1300546456 27500.00

LLA :
L9 97X4930 NH2A 255 77777 0 050120 2F 000000 A20003249506
130054645600003

430032 1300546456 27500.00

LLA :
M1 97X4930 NH2A 255 77777 0 050120 2F 000000 A30003249506
130054645600004

630103 1300546456 8000.00

LLA :
M2 97X4930 NH2A 255 77777 0 050120 2F 000000 A40003249506
130054645600005

630217 1300546456 150000.00

LLA :
M2 97X4930 NH2A 255 77777 0 050120 2F 000000 A40003249506
130054645600006

630218 1300546456 100000.00

LLA :
M3 97X4930 NH2A 255 77777 0 050120 2F 000000 A50003249506
130054645600007

630219 1300546456 100000.00

LLA :
M4 97X4930 NH2A 255 77777 0 050120 2F 000000 A60003249506
130054645600008

630220 1300546456 30000.00

LLA :
M2 97X4930 NH2A 255 77777 0 050120 2F 000000 A40003249506
130054645600010

630221 1300546456 30000.00

LLA :
M1 97X4930 NH2A 255 77777 0 050120 2F 000000 A30003249506
130054645600011

MOD 29 Funding 786000.00
Cumulative Funding 28738036.87

MOD 30

700001 1300564108 774000.00

LLA :
M5 97X4930 NH2A 255 77777 0 050120 2F 000000 A00003384791
CIN 130056410800001

700002 1300564108 176000.00

LLA :
M6 97X4930 NH2A 255 77777 0 050120 2F 000000 A10003384791
CIN 130056410800002

700003 1300564109 1586000.00

LLA :
M7 9760400 4HGA 255 00019 0 050120 2D 000000 A00003385002
CIN 130056410900001

900201 1300564109 814000.00

LLA :
M7 9760400 4HGA 255 00019 0 050120 2D 000000 A00003385002
CIN 130056410900002

MOD 30 Funding 3350000.00
Cumulative Funding 32088036.87

MOD 31

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-04-D-4011	N00178-04-D-4011-M803	37	68 of 87	

430033	1300546456-0001	52000.00
LLA :		
L9 97X4930 NH2A 255 77777 0 050120 2F 000000 A20003249506		
CIN: 13005464600012		
430034	1300546456-0001	185000.00
LLA :		
N2 97X4930 NH2A 255 77777 0 050120 2F 000000 A70003249506		
CIN:130054645600013		
700004	1300569714	30500.00
LLA :		
M8 97X4930 NH2A 255 77777 0 050120 2F 000000 A00003431014		
CIN: 130056971400001		
700005	1300569714	89500.00
LLA :		
M9 97X4930 NH2A 255 77777 0 050120 2F 000000 A10003431014		
CIN: 130056971400002		
900101	1300569714	10000.00
LLA :		
N1 97X4930 NH2A 255 77777 0 050120 2F 000000 A20003431014		
CIN: 130056971400005		
900102	1300569714	5000.00
LLA :		
M9 97X4930 NH2A 255 77777 0 050120 2F 000000 A10003431014		
CIN: 130056971400006		
900202	1300569714	100000.00
LLA :		
N1 97X4930 NH2A 255 77777 0 050120 2F 000000 A20003431014		
CIN: 130056971400003		
900203	1300569714	40000.00
LLA :		
M9 97X4930 NH2A 255 77777 0 050120 2F 000000 A10003431014		
CIN: 130056971400004		
MOD 31 Funding 512000.00		
Cumulative Funding 32600036.87		
MOD 32 Funding 0.00		
Cumulative Funding 32600036.87		
MOD 33		
700006	1300597901	180000.00
LLA :		
N3 97X4930 NH2A 255 77777 0 050120 2F 000000 A00003620414		
CIN 130059790100001		
700007	1300597901	350000.00
LLA :		
N4 97X4930 NH2A 255 77777 0 050120 2F 000000 A10003620414		
CIN 130059790100004		
700008	1300597901	275000.00
LLA :		
N5 97X4930 NH2A 255 77777 0 050120 2F 000000 A20003620414		
CIN 130059790100005		
700009	1300597901	450000.00
LLA :		
N6 97X4930 NH2A 255 77777 0 050120 2F 000000 A30003620414		
CIN 130059790100006		
700010	1300597901	300000.00
LLA :		
N7 97X4930 NH2A 255 77777 0 050120 2F 000000 A40003620414		
CIN 130059790100007		

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700011 1300597901 400000.00
 LLA :
 N8 97X4930 NH2A 255 77777 0 050120 2F 000000 A50003620414
 CIN 130059790100008

900103 1300597901 5000.00
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MOD 33 Funding 2580000.00
 Cumulative Funding 35180036.87

MOD 34

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MOD 34 Funding 16100.00
 Cumulative Funding 35196136.87

MOD 35

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700017 1300613066 70000.00

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LLA :
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MOD 35 Funding 2295054.00
Cumulative Funding 37491190.87

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MOD 36 Funding 2386000.00
 Cumulative Funding 39877190.87

MOD 37

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 CIN 130063668500008

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910001 1300636685 5000.00
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R9 97X4930 NH2A 255 77777 0 050120 2F 000000 A10003942890
CIN 130063668500009

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MOD 37 Funding 1979000.00
Cumulative Funding 41856190.87

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SECTION H SPECIAL CONTRACT REQUIREMENTS

Section H information is applicable to CLINs 4X00, 6X0X, 7000, and 900X

5252.209-9510 ORGANIZATIONAL CONFLICTS OF INTEREST (NAVAIR) (SERVICES)(MAR 2007)

(a) Purpose. This clause seeks to ensure that the contractor (1) does not obtain an unfair competitive advantage over other parties by virtue of its performance of this contract, and (2) is not biased because of its current or planned interests (financial, contractual, organizational or otherwise) that relate to the work under this contract.

(b) Scope. The restrictions described herein shall apply to performance or participation by the contractor (as defined in paragraph (d)(7)) in the activities covered by this clause.

(1) The restrictions set forth in paragraph (e) apply to supplies, services, and other performance rendered with respect to the suppliers and/or equipment listed in Attachment 6. The task order will specify to which suppliers and/or equipment subparagraph (f) restrictions apply.

(2) The financial, contractual, organizational and other interests of contractor personnel performing work under this contract shall be deemed to be the interests of the contractor for the purposes of determining the existence of an Organizational Conflict of Interest. Any subcontractor that performs any work relative to this contract shall be subject to this clause. The contractor agrees to place in each subcontract affected by these provisions the necessary language contained in this clause.

(c) Waiver. Any request for waiver of the provisions of this clause shall be submitted in writing to the Procuring Contracting Officer. The request for waiver shall set forth all relevant factors including proposed contractual safeguards or job procedures to mitigate conflicting roles that might produce an Organizational Conflict of Interest. No waiver shall be granted by the Government with respect to prohibitions pursuant to access to proprietary data.

(d) Definitions. For purposes of application of this clause only, the following definitions are applicable:

- (1) "System" includes system, major component, subassembly or subsystem, project, or item.
- (2) "Nondevelopmental items" as defined in FAR 2.101.
- (3) "Systems Engineering" (SE) includes, but is not limited to, the activities in FAR 9.505-1(b).
- (4) "Technical direction" (TD) includes, but is not limited to, the activities in FAR 9.505-1(b).
- (5) "Advisory and Assistance Services" (AAS) as defined in FAR 2.101.
- (6) "Consultant services" as defined in FAR 31.205-33(a).

(7) "Contractor", for the purposes of this clause, means the firm signing this contract, its subsidiaries and affiliates, joint ventures involving the firm, any entity with which the firm may hereafter merge or affiliate, and any other successor or assignee of the firm.

(8) "Affiliates," means officers or employees of the prime contractor and first tier subcontractors involved in the program and technical decision-making process concerning this contract.

(9) "Interest" means organizational or financial interest.

(10) "Weapons system supplier" means any prime contractor or first tier subcontractor engaged in, or having a known prospective interest in the development, production or analysis of any of the weapon systems, as well as

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any major component or subassembly of such system.

(e) Contracting restrictions.

[X] (1) To the extent the contractor provides systems engineering and/or technical direction for a system or commodity but does not have overall contractual responsibility for the development, the integration, assembly and checkout (IAC) or the production of the system, the contractor shall not (i) be awarded a contract to supply the system or any of its major components or (ii) be a subcontractor or consultant to a supplier of the system or of its major components. The contractor agrees that it will not supply to the Department of Defense (either as a prime contractor or as a subcontractor) or act as consultant to a supplier of, any system, subsystem, or major component utilized for or in connection with any item or other matter that is (directly or indirectly) the subject of the systems engineering and/or technical direction or other services performed under this contract for a period of 5 years after the date of completion of the contract. (FAR 9.505-1(a))

[X] (2) To the extent the contractor prepares and furnishes complete specifications covering nondevelopmental items to be used in a competitive acquisition, the contractor shall not be allowed to furnish these items either as a prime contractor or subcontractor. This rule applies to the initial production contract, for such items plus a specified time period or event. The contractor agrees to prepare complete specifications covering non-developmental items to be used in competitive acquisitions, and the contractor agrees not to be a supplier to the Department of Defense, subcontract supplier, or a consultant to a supplier of any system or subsystem for which complete specifications were prepared hereunder. The prohibition relative to being a supplier, a subcontract supplier, or a consultant to a supplier of these systems of their subsystems extends for a period of 5 years after the terms of this contract. (FAR 9.505-2(a)(1))

[X] (3) To the extent the contractor prepares or assists in preparing a statement of work to be used in competitively acquiring a system or services or provides material leading directly, predictably and without delay to such a work statement, the contractor may not supply the system, major components thereof or the services unless the contractor is the sole source, or a participant in the design or development work, or more than one contractor has been involved in preparation of the work statement. The contractor agrees to prepare, support the preparation of or provide material leading directly, predictably and without delay to a work statement to be used in competitive acquisitions, and the contractor agrees not to be a supplier or consultant to a supplier of any services, systems or subsystems for which the contractor participated in preparing the work statement. The prohibition relative to being a supplier, a subcontract supplier, or a consultant to a supplier of any services, systems or subsystems extends for a period of 5 years after the terms of this contract. (FAR 9.505-2(b)(1))

[X] (4) To the extent work to be performed under this contract requires evaluation of offers for products or services, a contract will not be awarded to a contractor that will evaluate its own offers for products or services, or those of a competitor, without proper safeguards to ensure objectivity to protect the Government's interests. Contractor agrees to the terms and conditions set forth in the Statement of Work that are established to ensure objectivity to protect the Government's interests. (FAR 9.505-3)

[X] (5) To the extent work to be performed under this contract requires access to proprietary data of other companies, the contractor must enter into agreements with such other companies which set forth procedures deemed adequate by those companies (i) to protect such data from unauthorized use or disclosure so long as it remains proprietary and (ii) to refrain from using the information for any other purpose other than that for which it was furnished. Evidence of such agreement(s) must be made available to the Procuring Contracting Officer upon request. The contractor shall restrict access to proprietary information to the minimum number of employees necessary for performance of this contract. Further, the contractor agrees that it will not utilize proprietary data obtained from such other companies in preparing proposals (solicited or unsolicited) to perform additional services or studies for the United States Government. The contractor agrees to execute agreements with companies furnishing proprietary data in connection with work performed under this contract, obligating the contractor to protect such data from unauthorized use or disclosure so long as such data remains proprietary, and to furnish copies of such agreement to the Contracting Officer. Contractor further agrees that such proprietary data shall not be used in performing for the Department of Defense additional work in the same field as work performed under this contract if such additional work is procured competitively. (FAR 9.505)

[X] (6) Preparation of Statements of Work or Specifications. If the contractor under this contract assists substantially in the preparation of a statement of work or specifications, the contractor shall be ineligible to perform or participate in any capacity in any contractual effort (solicited or unsolicited) that is based on such statement of

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work or specifications. The contractor shall not incorporate its products or services in such statement of work or specifications unless so directed in writing by the Contracting Officer, in which case the restrictions in this subparagraph shall not apply. Contractor agrees that it will not supply to the Department of Defense (either as a prime contractor or as a subcontractor) or act as consultant to a supplier of, any system, subsystem or major component utilized for or in connection with any item or work statement prepared or other services performed or materials delivered under this contract, and is procured on a competitive basis, by the Department of Defense with 5 years after completion of work under this contract. The provisions of this clause shall not apply to any system, subsystem, or major component for which the contractor is the sole source of supply or which it participated in designing or developing. (FAR 9.505-4(b))

[X] (7) Advisory and Assistance Services (AAS). If the contractor provides AAS services as defined in paragraph (d) of this clause, it shall be ineligible thereafter to participate in any capacity in Government contractual efforts (solicited or unsolicited) which stem directly from such work, and the contractor agrees not to perform similar work for prospective offerors with respect to any such contractual efforts. Furthermore, unless so directed in writing by the Contracting Officer, the contractor shall not perform any such work under this contract on any of its products or services, or the products or services of another firm for which the contractor performs similar work. Nothing in this subparagraph shall preclude the contractor from competing for follow-on contracts for AAS.

(f) Remedies. In the event the contractor fails to comply with the provisions of this clause, such noncompliance shall be deemed a material breach of the provisions of this contract. If such noncompliance is the result of conflicting financial interest involving contractor personnel performing work under this contract, the Government may require the contractor to remove such personnel from performance of work under this contract. Further, the Government may elect to exercise its right to terminate for default in the event of such noncompliance. Nothing herein shall prevent the Government from electing any other appropriate remedies afforded by other provisions of this contract, or statute or regulation.

(g) Disclosure of Potential Conflicts of Interest. The contractor recognizes that during the term of this contract, conditions may change which may give rise to the appearance of a new conflict of interest. In such an event, the contractor shall disclose to the Government information concerning the new conflict of interest. The contractor shall provide, as a minimum, the following information:

(1) a description of the new conflict of interest (e.g., additional weapons systems supplier(s), corporate restructuring, new first-tier subcontractor(s), new contract) and identity of parties involved;

(2) a description of the work to be performed;

(3) the dollar amount;

(4) the period of performance; and

(5) a description of the contractor's internal controls and planned actions, to avoid any potential organizational conflict of interest.

5252.210-9501 AVAILABILITY OF UNIQUE DATA ITEM DESCRIPTIONS (UDIDs) AND DATA ITEM DESCRIPTIONS (DIDs) (NAVAIR) (OCT 2005)

Access Procedures for Acquisition Management System and Data Requirements Control List (AMSDL), DoD 5010.12-L, and DIDs listed therein. The AMSDL and all DIDs and UDIDs listed therein are available online via the Acquisition Streamlining and Standardization Information System located at <http://assist.daps.dla.mil>. To access these documents, select the Quick Search link on the site home page.

5252.228-9501 LIABILITY INSURANCE (NAVAIR) (MAR 1999)

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

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

(b) Automobile Insurance: [\\$200,000](#) per person and [\\$500,000](#) per accident for bodily injury and [\\$500,000](#) per accident for property damage.

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(c) Standard Workman'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.

(d) Aircraft public and passenger liability: \$200,000 per person and \$500,000 per occurrence for bodily injury, other than passenger liability; \$200,000 per occurrence for property damage. Passenger bodily injury liability limits of \$200,000 per passenger, multiplied by the number of seats or number of passengers, whichever is greater.

5252.232-9509 REIMBURSEMENT OF TRAVEL, PER DIEM, AND SPECIAL MATERIAL COSTS (NAVAIR) (OCT 2006)

(a) Area of Travel. Performance under this contract may require travel by contractor personnel. If travel, domestic or overseas, is required, the contractor is responsible for making all necessary arrangements for its personnel. These include but are not limited to: medical examinations, immunizations, passports/visas/etc., and security clearances. All contractor personnel required to perform work on any U.S. Navy vessel shall obtain boarding authorization from the Commanding Officer of the vessel before boarding.

(b) Travel Policy. The Government will reimburse the contractor for allowable travel costs incurred by the contractor in performance of the contract in accordance with FAR Subpart 31.2. Travel required for tasks assigned under this contract shall be governed in accordance with: Federal Travel Regulations, prescribed by the General Services Administration for travel in the conterminous 48 United States, (hereinafter the FTR); Joint Travel Regulation, Volume 2, DoD Civilian Personnel, Appendix A, prescribed by the Department of Defense, for travel in Alaska, Hawaii, The Commonwealth of Puerto Rico, and territories and possessions of the United States (hereinafter JTR); and Standardized Regulations (Government Civilians, Foreign Areas), Section 925, "Maximum Travel Per Diem Allowances for Foreign Areas," prescribed by the Department of State, for travel in areas not covered in the FTR or JTR (hereinafter the SR).

(c) Travel. Travel and subsistence are authorized for travel beyond a fifty-mile radius of the contractor's office whenever a task assignment requires work to be accomplished at a temporary alternate worksite. No travel or subsistence shall be charged for work performed within a fifty-mile radius of the contractor's office. The contractor shall not be paid for travel or subsistence for contractor personnel who reside in the metropolitan area in which the tasks are being performed. Travel performed for personal convenience, in conjunction with personal recreation, or daily travel to and from work at the contractor's facility will not be reimbursed.

(1) For travel costs other than described in paragraph (c) above, the contractor shall be paid on the basis of actual amount paid to the extent that such travel is necessary for the performance of services under the contract and is authorized by the COR in writing.

(2) When transportation by privately owned conveyance is authorized, the contractor shall be paid on a mileage basis not to exceed the applicable Government transportation rate as contained in the FTR, JTR or SR. Authorization for the use of privately owned conveyance shall be indicated in the basic contract. Distances traveled between points shall be shown on invoices as listed in standard highway mileage guides. Reimbursement will not exceed the mileage shown in the standard highway mileage guides.

(3) The contractor agrees, in the performance of necessary travel, to use the lowest cost mode commensurate with the requirements of the mission as set forth in the basic contract and in accordance with good traffic management principles. When it is necessary to use air or rail travel, the contractor agrees to use coach, tourist class, or similar accommodations to the extent consistent with the successful and economical accomplishment of the mission for which the travel is being performed.

(4) The contractor's invoices shall include receipts or other evidence substantiating actual costs incurred for authorized travel. In no event will such payments exceed the rates of common carriers.

(d) Vehicle and/or Truck Rentals. The contractor shall be reimbursed for actual rental/lease of special vehicles and/or trucks (i.e., of a type not normally used by the contractor in the conduct of its business) only if authorized in the basic contract or upon approval by the COR. Reimbursement of such rental shall be made based on actual amounts paid by the contractor. Use of rental/lease costs of vehicles and/or trucks that are of a type normally used by the contractor in the conduct of its business are not subject to reimbursement.

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(e) Car Rental. The contractor shall be reimbursed for car rental, exclusive of mileage charges, as authorized in the basic contract or upon approval by the COR, when the services are required to be performed beyond the normal commuting distance from the contractor's facilities. Car rental for a team on TDY at one site will be allowed for a minimum of four (4) persons per car, provided that such number or greater comprise the TDY team.

(f) Per Diem. The contractor shall not be paid for per diem for contractor personnel who reside in the metropolitan areas in which the tasks are being performed. Per Diem shall not be paid on services performed within a fifty-mile radius of the contractor's home office or the contractor's local office. Per Diem is authorized for contractor personnel beyond a fifty-mile radius of the contractor's home or local offices whenever a task assigned requires work to be done at a temporary alternate worksite. Per Diem shall be paid to the contractor only to the extent that overnight stay is necessary and authorized under this contract. The authorized per diem rate shall be the same as the prevailing per diem in the worksite locality. These rates will be based on rates contained in the FTR, JTR or SR. The applicable rate is authorized at a flat seventy-five (75%) percent on the day of departure from contractor's home or local office, and on the day of return. Reimbursement to the contractor for per diem shall be limited to actual payments to per diem defined herein. The contractor shall provide actual payments of per diem defined herein. The contractor shall provide supporting documentation for per diem expenses as evidence of actual payment.

(g) Shipboard Stays. Whenever work assignments require temporary duty aboard a Government ship, the contractor will be reimbursed at the per diem rates identified in paragraph C8101.2C or C81181.3B(6) of the Department of Defense Joint Travel Regulations, Volume II.

(h) Special Material. "Special material" includes only the costs of material, supplies, or services which is peculiar to the ordered data and which is not suitable for use in the course of the contractor's normal business. It shall be furnished pursuant to specific authorization approved by the COR. The contractor will be required to support all material costs claimed by its costs less any applicable discounts. "Special materials" include, but are not limited to, graphic reproduction expenses, or technical illustrative or design requirements needing special processing.

5252.232-9516 ALLOTMENT OF FUNDS- INCREMENTALLY FUNDED COST-REIMBURSEMENT CONTRACT OTHER THAN COST-SHARING CONTRACT (NAVAIR) (JUL 1985) - ALT I (OCT 2005)

(a) This contract is incrementally funded and the amount currently available for payment for the Base year is limited to **\$1,380,000.00**, this amount includes a fixed fee amount of **\$62,986.02.** Subject to the provisions of the clause entitled "Limitation of Funds" (FAR 52.232-22) of the General Provisions of the Contract, no legal liability on the part of the Government for payment in excess of the revised total shall arise unless additional funds are made available and incorporated in a contract modification;

(b) The items covered by such amount are Item **CLINs 4000, 6001 and 6002;**

(c) The period of period for which it is estimated the allotted amount will cover is through **26 Jun 2012.** This is based on the proposed level of effort man-hours of **94,080** (combined CPEFF and FFP).

(d) The estimated number of hours that the incremental funding for Base Year Labor CLIN 4000 will provided for is **19,036 .**

5252.211-9510 CONTRACTOR EMPLOYEES (NAVAIR)(MAY 2011)

(a) In all situations where contractor personnel status is not obvious, all contractor personnel are required to identify themselves to avoid creating an impression to the public, agency officials, or Congress that such contractor personnel are Government officials. This can occur during meeting attendance, through written (letter or email) correspondence or verbal discussions (in person or telephonic), when making presentations, or in other situations where their contractor status is not obvious to third parties. This list is not exhaustive. Therefore, the contractor employee(s) shall:

(1) Not by word or deed give the impression or appearance of being a Government employee;

(2) Wear appropriate badges visible above the waist that identify them as contractor employees when in Government spaces, at a Government-sponsored event, or an event outside normal work spaces in support of the contract/order;

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(3) Clearly identify themselves as contractor employees in telephone conversations and in all formal and informal written and electronic correspondence. Identification shall include the name of the company for whom they work;

(4) Identify themselves by name, their company name, if they are a subcontractor the name of the prime contractor their company is supporting, as well as the Government office they are supporting when participating in meetings, conferences, and other interactions in which all parties are not in daily contact with the individual contractor employee; and

(5) Be able to provide, when asked, the full number of the contract/order under which they are performing, and the name of the Contracting Officer's Representative.

(b) If wearing a badge is a risk to safety and/or security, then an alternative means of identification maybe utilized if endorsed by the Contracting Officer's Representative and approved by the Contracting Officer.

(c) The Contracting Officer will make final determination of compliance with regulations with regard to proper identification of contractor employees.

5252.237-9501 ADDITION OR SUBSTITUTION OF KEY PERSONNEL (SERVICES) (NAVAIR)(OCT 2005)

(a) A requirement of this contract is to maintain stability of personnel proposed in order to provide quality services. The contractor agrees to assign only those key personnel whose resumes were submitted and approved, and who are necessary to fulfill the requirements of the effort. The contractor agrees to assign to any effort requiring non-key personnel only personnel who meet or exceed the applicable labor category descriptions. No substitution or addition of personnel shall be made except in accordance with this clause.

(b) If personnel for whatever reason become unavailable for work under the contract for a continuous period exceeding thirty (30) working days, or are expected to devote substantially less effort to the work than indicated in the proposal, the contractor shall propose a substitution to such personnel, in accordance with paragraph (d) below.

(c) The contractor agrees that during the term of the contract, no key personnel substitutions or additions will be made unless necessitated by compelling reasons including, but not limited to: an individual's illness, death, termination of employment, declining an offer of employment (for those individuals proposed as contingent hires), or family friendly leave. In such an event, the contractor must promptly provide the information required by paragraph (d) below to the Contracting Officer for approval prior to the substitution or addition of key personnel.

(d) All proposed substitutions shall be submitted, in writing, to the Contracting Officer at least fifteen (15) days (thirty (30) days if a security clearance must be obtained) prior to the proposed substitution. Each request shall provide a detailed explanation of the circumstances necessitating the proposed substitution, a complete resume for the proposed substitute, information regarding the full financial impact of the change, and any other information required by the Contracting Officer to approve or disapprove the proposed substitution. All proposed substitutes (no matter when they are proposed during the performance period) shall have qualifications that are equal to or higher than the qualifications of the person being replaced.

(e) In the event a requirement to increase the specified level of effort for a designated labor category, but not the overall level of effort of the contract occurs, the offeror shall submit to the Contracting Officer a written request for approval to add personnel to the designated labor category. The information required is the same as that required in paragraph (d) above. The additional personnel shall have qualifications greater than or equal to at least one (1) of the individuals proposed for the designated labor category.

(f) The Contracting Officer shall evaluate requests for substitution and addition of personnel and promptly notify the offeror, in writing, of whether the request is approved or disapproved.

(g) If the Contracting Officer determines that suitable and timely replacement of personnel who have been reassigned, terminated or have otherwise become unavailable to perform under the contract is not reasonably forthcoming or that the resultant reduction of productive effort would impair the successful completion of the contract or the task order, the contract may be terminated by the Contracting Officer for default or for the convenience of the

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Government, as appropriate. Alternatively, at the Contracting Officer's discretion, if the Contracting Officer finds the contractor to be at fault for the condition, he may equitably adjust (downward) the contract price or fixed fee to compensate the Government for any delay, loss or damage as a result of the contractor's action.

(h) Noncompliance with the provisions of this clause will be considered a material breach of the terms and conditions of the contract for which the Government may seek any and all appropriate remedies including Termination for Default pursuant to FAR Clause 52.249-6, Alt IV, "Termination (Cost-Reimbursement)".

5252.242-9502 TECHNICAL DIRECTION (NAVAIR) (MAY 2011)

(a) Definition. Technical Direction Letters (TDLs) are a means of communication between the Contracting Officer's Representative (COR) or Task Order Manager (TOM), and the contractor to answer technical questions, provide technical clarification, and give technical direction regarding the content of the Statement of Work (SOW) of a Contract, Order, or Agreement; herein after referred to as contract.

(i) "Technical Direction" means "clarification of contractual requirements or direction of a technical nature, within the context of the SOW of the contract."

(b) Scope. The Defense Federal Acquisition Regulation Supplement (DFARS) 201.602-2 states that the Contracting Officer may designate qualified personnel as a COR. In this capacity, the COR or TOM may provide Technical Direction to the contractor, so long as the Technical Direction does not make any commitment or change that affects price, quality, quantity, delivery, or other terms and conditions of the contract. This Technical Direction shall be provided consistent with the limitations specified below.

(c) Limitations. When necessary, Technical Direction concerning details of requirements set forth in the contract, shall be given through issuance of TDLs prepared by the COR or TOM subject to the following limitations.

(i) The TDL, and any subsequent amendments to the TDL, shall be in writing and signed by both the COR or TOM, and the Contracting Officer prior to issuance of the TDL to the contractor. Written TDLs are the only medium permitted for use when technical direction communication is required. Any other means of communication (including such things as Contractor Service Request Letters, Authorization Letters, or Material Budget Letters) are not permissible means of communicating technical direction during contract performance.

(ii) In the event of an urgent situation, the COR/TOM may issue the TDL directly to the contractor prior to obtaining the Contracting Officer's signature.

(iii) Each TDL issued is subject to the terms and conditions of the contract and shall not be used to assign new work, direct a change to the quality or quantity of supplies and/or services delivered, change the delivery date(s) or period of performance of the contract, or change any other conditions of the contract. TDLs shall only provide additional clarification and direction regarding technical issues. In the event of a conflict between a TDL and the contract, the contract shall take precedence.

(iv) Issuance of TDLs shall not incur an increase or decrease to the contract price, estimated contract amount (including fee), or contract funding, as applicable. Additionally, TDLs shall not provide clarification or direction of a technical nature that would require the use of existing funds on the contract beyond the period of performance or delivery date for which the funds were obligated.

(v) TDLs shall provide specific Technical Direction to the contractor only for work specified in the SOW and previously negotiated in the contract. TDLs shall not require new contract deliverables that may cause the contractor to incur additional costs.

(vi) When, in the opinion of the contractor, a TDL calls for effort outside the terms and conditions of the contract or available funding, the contractor shall notify the Contracting Officer in writing, with a copy to the COR or TOM, within two (2) working days of having received the Technical Direction. The contractor shall undertake no performance to comply with the TDL until the matter has been resolved by the Contracting Officer through a contract modification or other appropriate action.

(vii) If the contractor undertakes work associated with a TDL that is considered to be outside the scope of the

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contract, the contractor does so at its own risk and is not subject to recover any costs and fee or profit associated with the scope of effort.

5252.242-9515 RESTRICTION ON THE DIRECT CHARGING OF MATERIAL (NAVAIR) (JUL 1998)

(a) The term “material” includes supplies, materials, parts, equipment, hardware and Information Technology (IT) resources including equipment, services and software. This is a service contract and the procurement of material of any kind that are not incidental to and necessary for contract performance may be determined to be unallowable costs pursuant to FAR Part 31. No materials may be acquired under the contract without the prior written authorization of the Contracting Officer’s Representative (COR). IT resources may not be procured under the material line item of this contract unless the approvals required by Department of Defense purchasing procedures have been obtained. Any material provided by the contractor is subject to the requirements of the Federal Acquisition Regulation (FAR), the Defense Federal Acquisition Regulation Supplement (DFARS), and applicable Department of the Navy regulations and instructions.

(b) Prior written approval of the COR shall be required for all purchases of materials. If the contractor’s proposal submitted for a task order includes a list of materials with associated prices, then the COR’s acceptance of the contractor’s proposal shall constitute written approval of those purchases.

(c) The costs of general purpose business expenses required for the conduct of the contractor’s normal business operations will not be considered an allowable direct cost in the performance of this contract. General purpose business expenses include, but are not limited to, the cost for items such as telephones and telephone charges, reproduction machines, word processing equipment, personal computers and other office equipment and office supplies.

5252.243-9504 - Note: For the purposes of this clause included in the task order under a multiple award contract, the term "PCO" refers to the "Task Order PCO."

5252.243-9504 AUTHORIZED CHANGES ONLY BY THE CONTRACTING OFFICER (NAVAIR) (JAN 1992)

(a) Except as specified in paragraph (b) below, no order, statement, or conduct of Government personnel who visit the contractor’s facilities or in any other manner communicates with contractor personnel during the performance of this contract shall constitute a change under the “Changes” clause of this contract.

(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 contract.

(c) The Contracting Officer is the only person authorized to approve changes in any of the requirements of this contract and notwithstanding provisions contained elsewhere in this contract, 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 contract price to cover any increase in charges incurred as a result thereof. The address and telephone number of the Contracting Officer is: John Tomechko, (301) 757-7032, john.tomechko@navy.mil

5252.245-9500 GOVERNMENT PROPERTY FOR THE PERFORMANCE OF THIS CONTRACT (NAVAIR)(MAY 2014)

(a) Authorization is granted to use the Government property identified below without rental charge in the performance of this contract and subcontracts of any tier issued hereunder (see FAR 45.201(a) for further information regarding identification requirements) :

(1) Government property currently accountable and managed under the following contracts:

Contract Number	Nomenclature/Description	Part/Model/	Mfg	Serial Number	Quantity/Unit of	As Is: Yes/No	Unit Acq Cost
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		Number		(Unique Item Identifier)	Issue		
NONE							

(2) Government furnished property to be provided under this contract:

Nomenclature/ Description	Part/ Model Number and National Stock Number	Mfg	Serial Number (Unique Item Identifier)	Quantity/ Unit of Issue	As Is: Yes/No	Unit Acq Cost
NMCI Services provided for off-site contractors - As noted in the Navy NET System. (The list specific to the order/contract can be obtained by the COR from the designated NMCI POC or AIR 7.2)						

(3) Government furnished material, as defined in FAR 45.101, to be provided under this contract:

Nomenclature/ Description	Part Number	Mfg	Unit of Issue	Quantity	As Is: Yes/No	Unit Acq Cost
NONE						

(4) If authority has been granted in accordance with FAR 51.102, Contractor access to Government supply sources is authorized for the following items. Paragraph (b) does not apply to purchases under the NMCI/CoSC contract.

Schedule/Source	Nomenclature/ Description	Part Number	Mfg	Unit of Issue	Quantity Authorized	Unit Acq Cost
NONE						

(b) The contractor shall prepare requisition documentation for the items listed in paragraph (a)(4) above in accordance with the "Military Standard Requisitioning and Issue Procedures (MILSTRIP) for Defense Contractors", DoD 4000.25-1- M, Chapter 11, which is available at <http://www2.dla.mil/j-6/dlmsso/elibrary/manuals/dlm/dlm-pubs.asp>. The contractor shall submit all requisitions for material from the supply system to the Material Control Activity specified in Section G of this contract.

(c) Government property provided above (except for special tooling and special test equipment as defined in FAR 2.101) shall not be installed or constructed or otherwise affixed to property not owned by the Government in such a fashion as to be nonseverable unless written authorization has been obtained from the Contracting Officer.

(d) The contractor is responsible for scheduling the use of all property covered by this clause and the Government shall not be responsible for conflicts, delays, or disruptions to any work performed by the contractor due to use of any or all such property, either under this contract or any other contracts under which use of such property is authorized.

Clauses by Reference:

252.228-7001 Ground and Flight Risk (Jun2010)

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SECTION I CONTRACT CLAUSES

Section I Information is applicable to CLINs 4X00, 6X0X, 7000, and 900X.

Note: All provisions and clauses of Section I of the basic contract apply to this task order, unless otherwise specified in the task order, in addition to the following:

52.203-16	Preventing Personal Conflicts of Interest		Dec-11
52.204-9	Personal Identity Verification of Contractor Personnel	Sep-07	
52.209-9	Update of Publicly Available Information Regarding Responsibility Matters	Feb-12	
52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards	Feb-12	
52.210-1	Market Research	Apr-10	
52.215-10	Price Reduction for Defective Certified Cost or Pricing Data	Oct-10	
52.215-12	Subcontractor Certified Cost or Pricing Data	Oct-10	
52.215-17	Waiver of Facilities Capital Cost of Money	Oct-97	
52.215-23	Limitations on Pass-Through Charges	Oct-09	
52.215-23 Alt1	Limitations on Pass-Through Charges	Oct-09	
52.216-8	Fixed Fee	Mar-97	
52.222-2	Payment for Overtime Premiums	Jul-90	
52.222-4	Contract Work Hours and Safety Standards Act -- Overtime Compensation	Jul-05	
52.222-40	Notification Of Employee Rights Under The National Labor Relations Act	Dec-10	
52.222-54	Employment Eligibility Verification	Jan-09	
52.223-3	Hazardous Material Identification And Material Safety Data	Jan-97	
52.223-5	Pollution Prevention and Right-to-Know Information	Aug-03	
52.223-11	Ozone-Depleting Substances	May-01	
52.223-17	Affirmative Procurement of EPA-Designated Items in Service and Construction Contracts	May-08	
52.223-18	Contractor Policy to Ban Text Messaging While Driving	Sep-10	
52.225-25	Prohibition on Engaging in Sanctioned Activities Relating to Iran-- Certification	Sep-10	
52.229-4	Federal, State, and Local Taxes (State and Local Adjustments	Apr-03	
52.230-1Dev	Cost Accounting Standards Notices and Certification	Jan-12	
52.230-3Dev	Disclosure and Consistency in Cost Accounting Practices	Jan-12	
52.230-6	Administration of Cost Accounting Standards	Oct-10	
52.232-36	Payment by Third Party	Feb-10	
52.237-2	Protection Of Government Buildings, Equipment, And Vegetation	Apr-84	
52.243-2	Changes--Cost-Reimbursement	Aug-87	
52.243-7	Notification Of Changes	Apr-84	
52.244-2	Subcontracts	Jun-07	
52.251-1	Government Supply Sources	Apr-84	
52.252-6	Authorized Deviations in Clauses	Apr-84	
252.215-7002	Cost Estimating System Requirements	Dec-06	
252.217-7028	Over And Above Work	Dec-91	
252.223-7001	Hazard Warning Labels	Dec-91	

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252.223-7006	Prohibition On Storage And Disposal Of Toxic And Hazardous Materials	Apr-93
252.228-7001	Ground and Flight Risk	Jun-10
252.228-7005	Accident Reporting And Investigation Involving Aircraft, Missiles, And Space Launch Vehicles	Dec-91
252.231-7000	Supplemental Cost Principles	Dec-91
252.242-7004	Material Management And Accounting System	Jul-09

52.204-1 -- Approval of Contract (Dec 1989)

This contract is subject to the written approval of the PCO and shall not be binding until so approved.

52.209-9 – Updates of Publicly Available Information Regarding Responsibility Matters (Jan 2011)

(a) The Contractor shall update the information in the Federal Awardee Performance and Integrity Information System (FAPIS) on a semi-annual basis, throughout the life of the contract, by posting the required information in the Central Contractor Registration database at <http://www.ccr.gov> .

(b)

(1) The Contractor will receive notification when the Government posts new information to the Contractor's record.

(2) The Contractor will have an opportunity to post comments regarding information that has been posted by the Government. The comments will be retained as long as the associated information is retained, *i.e.*, for a total period of 6 years. Contractor comments will remain a part of the record unless the Contractor revises them.

(3)

(i) Public requests for system information posted prior to April 15, 2011, will be handled under Freedom of Information Act procedures, including, where appropriate, procedures promulgated under E.O. 12600.

(ii) As required by section 3010 of Public Law 111-212, all information posted in FAPIS on or after April 15, 2011, except past performance reviews, will be publicly available.

52.217-8 -- Option to Extend Services (Nov 1999)

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within 30 days.

52.217-9 -- Option to Extend the Term of the Contract (Mar 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor within 30 days; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 60 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 60(months).

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

(a) *Definition.* “Ozone-depleting substance,” as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR Part 82 as--

- (1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or
- (2) Class II, including, but not limited to hydrochlorofluorocarbons.

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j (b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

Warning

Contains (or manufactured with, if applicable) *_____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

* The Contractor shall insert the name of the substance(s).

52.244-2 -- Subcontracts (Oct 2010)

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

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

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

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

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

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

- (1) Is of the cost-reimbursement, time-and-materials, or labor-hour type; or
- (2) Is fixed-price and exceeds—
 - (i) For a contract awarded by the Department of Defense, the Coast Guard, or the National Aeronautics and Space Administration, the greater of the simplified acquisition threshold or 5 percent of the total estimated cost of the contract; or
 - (ii) For a contract awarded by a civilian agency other than the Coast Guard and the National Aeronautics and Space Administration, either the simplified acquisition threshold or 5 percent of the total estimated cost of the contract.

(d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer’s written consent before placing the following subcontracts:

Applied Physical Electronics, LLC
Compass Systems
Eagle Systems

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Wyle Laboratories

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

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

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

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

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

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

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

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

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

252.235-7010 Acknowledgment of Support and Disclaimer (MAY 1995)

(a) The Contractor shall include an acknowledgment of the Government's support in the publication of any material based on or developed under this contract, stated in the following terms: This material is based upon work supported by the (name of contracting agency(ies)) under Contract No. (Contracting agency(ies) contract number(s)).

(b) All material, except scientific articles or papers published in scientific journals, must, in addition to any notices or disclaimers by the Contractor, also contain the following disclaimer: Any opinions, findings and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the (name of contracting agency(ies)).

5252.204-9502 REQUIREMENTS FOR LOCAL SECURITY SYSTEM (NAVAIR) (OCT 2005)

The contractor agrees to provide locator information regarding all employees requiring a permanent badge for authorized entrance to the NAVAIR, Patuxent River, MD. Entrance is authorized by this contract as a result of tasks associated with performance of the Section C - Statement of Work only. Initial information shall be provided as each individual is assigned to this contract by using the Locator Form provided as an attachment to this contract. Thereafter, quarterly reports (due at the beginning of each quarter by the fifth day of the month) will be provided with gains/losses (identification of new and replaced or added individuals) and any changes to current personnel (such as telephone number, building number and room number). A point of contact is to be named on each quarterly report for any questions/additional information needed by the Government recipient. The quarterly reports are to be addressed to: TBD. All losses are to have the permanent badges returned to: TBD on the last day of the individual's task requirement.

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SECTION J LIST OF ATTACHMENTS

Attachment 1 - DD Form DD254 Contract Security Specification

Attachment 2 - Department of Labor Wage Determination 2005-2103 Rev. 11 dated 06/13/2011

Attachment 3 - QASP

Attachment 6 - Organizational Conflict of Interest

Attachment 7 - TDL Plan

Attachment 8 - SAAR

Attachment 9 - Subcontracts

Attachment 10 - Department of Labor Wage Determination 2005-2103 Rev. 12 dated 06/13/2012

Attachment 11- COR Appointment letter

Attachment 12 - Incurred Cost Reporting Form

Attachment P-1 Workforce Qualifications

Attachment P-2 Workforce Hour Matrix

Attachment P-4 Past Performance Matrix

Attachment P-6 Cost Spreadsheet

Exhibit A - CDRL's A001 and A002

Exhibit A - CDRL A003

Exhibit A - CDRL A004

Attachment P-5 Revised Past Performance Package for Services