

2. AMENDMENT/MODIFICATION NO. 60	3. EFFECTIVE DATE 28-Feb-2011	4. REQUISITION/PURCHASE REQ. NO. 1300193565, 1300191975, 1300191505-0001	5. PROJECT NO. (If applicable) N/A
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6. ISSUED BY NAVAIR Aircraft Division Pax River 21983 BUNDY ROAD, Bldg 441 Patuxent River MD 20670 lydia.munley@navy.mil 301-757-9735	CODE N00421	7. ADMINISTERED BY (If other than Item 6) DCMA SURFACE COMMUNICATION AND SUPPORT SYSTEMS PHILADELPHIA 700 ROBBINS AVENUE, BLDG. 4-A, P.O. BOX 11427 PHILADELPHIA PA 19111-0427	CODE S3915A
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Navmar Applied Sciences 65 West Street Road Warminster PA 18974-3226		9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	[X]	10A. MODIFICATION OF CONTRACT/ORDER NO. N00178-05-D-4467-M801
		10B. DATED (SEE ITEM 13) 19-Feb-2008
CAGE CODE 4P854	FACILITY CODE 095275343	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

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

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

E. IMPORTANT: Contractor [] is not, [X] 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) Robert Bauder, Authorized Company Representative	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Beverly A Abell, Contracting Officer
15B. CONTRACTOR/OFFEROR /s/Robert Bauder <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED 25-Feb-2011
	16B. UNITED STATES OF AMERICA BY /s/Beverly A Abell <i>(Signature of Contracting Officer)</i>
	16C. DATE SIGNED 28-Feb-2011

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GENERAL INFORMATION

The purpose of this modification is to incrementally fund the contract and realign ceiling values as follows: - \$100,000 from Labor CLIN 4001 to Material CLIN 6002 (\$60,000) and Travel CLIN 6003 (\$40,000) 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 \$16,914,370.47 by \$456,686.70 to \$17,371,057.17.

CLIN/SLIN	Type Of Fund	From (\$)	By (\$)	To (\$)
400155	WCF	0.00	84,895.00	84,895.00
400156	WCF	0.00	25,000.00	25,000.00
400157	WCF	0.00	42,000.00	42,000.00
400158	WCF	0.00	250,000.00	250,000.00
600208	WCF	0.00	35,000.00	35,000.00
600314	WCF	0.00	6,791.70	6,791.70
600315	WCF	0.00	8,000.00	8,000.00
600316	WCF	0.00	5,000.00	5,000.00

The total value of the order is hereby increased from \$18,979,253.77 by \$0.00 to \$18,979,253.77.

CLIN/SLIN	From (\$)	By (\$)	To (\$)
4001	4,996,270.66	(100,000.00)	4,896,270.66
6002	205,462.00	60,000.00	265,462.00
6003	123,885.33	40,000.00	163,885.33

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SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

Item	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF

1000	Base Year, labor for services provided in accordance with the Statement of Work. (TBD)		1.0 Lot	\$3,383,398.56	\$264,863.85	\$3,648,262.41
100001	Initial Task Order funding in support of labor (TBD)					
100002	Funding in support of Base Year Labor CLIN 1000 (TBD)					
100003	Funding in support of Base Year Labor CLIN 1000 (TBD)					
100004	Funding in support of Base Year Labor CLIN 1000 (TBD)					
100005	Funding in support of Base Year Labor CLIN 1000 (TBD)					
100006	Funding in support of Base Year Labor CLIN 1000 (TBD)					
100007	Funding in support of Base Year Labor CLIN 1000 (TBD)					
100008	Funding in support of Base Year Labor CLIN 1000 (TBD)					
100009	Funding in support of Base Year Labor CLIN 1000 (TBD)					
100010	Funding in support of Base Year Labor CLIN					

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1000 (TBD)

100011 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100012 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100013 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100014 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100015 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100016 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100017 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100018 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100019 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100020 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100021 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100022 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100023 Funding in
support of Base
Year Labor CLIN

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1000 (TBD)

100024 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100025 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100026 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100027 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100028 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100029 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100030 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100031 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100032 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100033 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100034 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100035 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100036 Funding in
support of Base
Year Labor CLIN

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1000 (TBD)

100037 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100038 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100039 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100040 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100041 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100042 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100043 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100044 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100045 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100046 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100047 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100048 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100049 Funding in
support of Base
Year Labor CLIN

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1000 (TBD)

100050 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100051 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100052 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100053 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100054 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100055 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100056 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100057 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100058 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100059 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100060 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100061 Funding in
support of Base
Year Labor CLIN
1000 (TBD)

100062 Funding in
support of Base
Year Labor CLIN

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1000 (TBD)

1001	First option year, Labor for services provided in accordance with the Statement of Work. (TBD)	1.0 Lot	\$4,177,764.01	\$335,322.31	\$4,513,086.32
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100101 Funding in support of CLIN 1001 (TBD)

100102 Funding in support of CLIN 1001 (TBD)

100103 Funding in support of CLIN 1001 (TBD)

100104 Funding in support of CLIN 1001 (TBD)

100105 Funding in support of CLIN 1001 (TBD)

100106 Funding in support of CLIN 1001 (TBD)

100107 Funding in support of CLIN 1001 (TBD)

100108 Funding in support of CLIN 1001 (TBD)

100109 Funding in support of CLIN 1001 (TBD)

100110 Funding in support of CLIN 1001 (TBD)

100111 Funding in support of CLIN 1001 (TBD)

100112 Funding in support of CLIN 1001 (TBD)

100113 Funding in support of CLIN 1001 (TBD)

100114 Funding in support of CLIN 1001 (TBD)

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- 100115 Funding in support of CLIN 1001 (TBD)
- 100116 Funding in support of CLIN 1001 (TBD)
- 100117 Funding in support of CLIN 1001 (TBD)
- 100118 Funding in support of CLIN 1001 (TBD)
- 100119 Funding in support of CLIN 1001 (TBD)
- 100120 Funding in support of CLIN 1001 (TBD)
- 100121 Funding in support of CLIN 1001 (TBD)
- 100122 Funding in support of CLIN 1001 (TBD)
- 100123 Funding in support of CLIN 1001 (TBD)
- 100124 Funding in support of CLIN 1001 (TBD)
- 100125 Funding in support of CLIN 1001 (TBD)
- 100126 Funding in support of CLIN 1001 (TBD)
- 100127 Funding in support of CLIN 1001 (TBD)
- 100128 Funding in support of CLIN 1001 (TBD)
- 100129 Funding in support of CLIN 1001 (RDT&E)
- 100130 Funding in support of CLIN 1001 (TBD)

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100131 Funding in
support of CLIN
1001 (O&MN,N)

100132 Funding in
support of CLIN
1001 (TBD)

100133 Funding in
support of CLIN
1001 (OTHER)

100134 Funding in
support of CLIN
1001 (OTHER)

100135 Funding in
support of CLIN
1001 (OTHER)

100136 Funding in
support of CLIN
1001 (OTHER)

100137 Funding in
support of CLIN
1001 (OTHER)

100138 Funding in
support of CLIN
1001 (OTHER)

100139 Funding in
support of CLIN
1001 (OTHER)

100140 Funding in
support of CLIN
1001 (OTHER)

100141 Funding in
support of CLIN
1001 (OTHER)

100142 Funding in
support of CLIN
1001 (OTHER)

100143 Funding in
support of CLIN
1001 (OTHER)

100144 Funding in
support of CLIN
1001 (OTHER)

100145 Funding in
support of CLIN
1001 (OTHER)

100146 Funding in
support of CLLIN
1001 (OTHER)

100147 Funding in

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support of CLIN
1001 for PMA290
(TBD)

100148 Funding in
support of CLIN
1001 for PMA290
(TBD)

100149 Funding in
support of CLIN
1001 for PMA290
(TBD)

100150 Funding in
support of CLIN
1001 for PMA274
(TBD)

100151 Funding in
support of CLIN
1001 for AIR 4.3
(TBD)

100152 Funding in
supprot of CLIN
1001 for AIR 4.3
(TBD)

100153 Funding in
support of CLIN
1001 for AIR 4.3
(TBD)

100154 Funding in
support of CLIN
1001 for AIR 4.3
(TBD)

100155 Funding in
support of CLIN
1001 for AIR 4.3
(TBD)

100156 Funding in
support of CLIN
1001 for AIR 4.3
(TBD)

100157 Funding in
support of CLIN
1001 for AIR 4.3
(TBD)

100158 Funding in
support of CLIN
1001 for AIR 4.3
(TBD)

100159 Funding in
support of CLIN
1001 for AIR 4.3
(TBD)

100160 Funding in

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support of CLIN
1001 for AIR 4.3
(TBD)

100161 Funding in
support of CLIN
1001 for AIR 4.3
(TBD)

100162 Funding in
support of CLIN
1001 for AIR 4.3
(TBD)

100163 Funding in
support of CLIN
1001 for AIR 4.3
(TBD)

100164 Funding in
support of CLIN
1001 for AIR 4.3
(TBD)

100165 Funding in
support of CLIN
1001 for AIR 4.3
(TBD)

100166 Funding in
support of CLIN
1001 for AIR 4.3
(TBD)

100167 Funding in
support of CLIN
1001 for AIR 4.3
(TBD)

100168 Funding in
support of CLIN
1001 for AIR
4.3.5.1 (TBD)

100169 Funding in
support of CLIN
1001 for AIR
4.3.5.1 (TBD)

100170 Funding in
support of CLIN
1001 for AIR
4.3.5.1 (TBD)

100171 Funding in
support of CLIN
1001 for AIR
4.3.5.1 (TBD)

100172 Funding in
support of CLIN
1001 for AIR
4.3.4.2.0.0.A
(TBD)

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- 100173 Funding in support of CLIN 1001 for AIR 4.3.4.2.0.0.A (TBD)
- 100174 Funding in support of CLIN 1001 for AIR 4.3.4.1.0.0.A (TBD)
- 100175 Funding in support of CLIN 1001 (TBD)
- 100176 Funding in support of CLIN 1001 for AIR 4.3.5.2 (TBD)
- 100177 Funding in support of CLIN 1001 for H-1 upgrades/PMA-276 (TBD)
- 100178 Funding in support of CLIN 1001 for Presidential Helo support/PMA-274 (TBD)

For ODC Items:

Item	Supplies/Services Qty	Unit	Est. Cost
3000	Base Year, material in support of the Statement Of Work. (TBD)	1.0 Lot	\$23,886.00
300001	Funding for material in support of labor CLIN 1000 (TBD)		
300002	Funding for material in support of labor CLIN 1000 (TBD)		
300003	Funding for material in support of labor CLIN 1000 (TBD)		
300004	Reserved (TBD)		
300005	Funding for material in		

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support of labor
CLIN 1000 (TBD)

300006 Funding for
material in
support of labor
CLIN 1000 (TBD)

300007 Funding for
material in
support of labor
CLIN 1000 (TBD)

3001 Base Year, travel 1.0 Lot \$198,558.11
in support of the
Statement Of
Work. (TBD)

300101 Funding for
travel in support
of labor CLIN
1000 (TBD)

300102 Funding for
travel in support
of labor CLIN
1000 (TBD)

300103 Funding for
travel in support
of labor CLIN
1000 (TBD)

300104 Funding for
travel in support
of labor CLIN
1000 (TBD)

300105 Funding for
travel in support
of labor CLIN
1000 (TBD)

300106 Funding for
travel in support
of labor CLIN
1000 (TBD)

300107 Funding for
travel in support
of labor CLIN
1000 (TBD)

300108 Funding for
travel in support
of labor CLIN
1000 (TBD)

300109 Funding for
travel in support
of labor CLIN
1000 (TBD)

300110 Funding for
travel in support

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of labor CLIN
1000 (TBD)

300111 Funding for
travel in support
of labor CLIN
1000 (TBD)

300112 Funding for
travel in support
of labor CLIN
1000 (TBD)

300113 Funding for
travel in support
of labor CLIN
1000 (TBD)

300114 Funding for
travel in support
of labor CLIN
1000 (TBD)

300115 Funding for
travel in support
of labor CLIN
1000 (TBD)

300116 Funding for
travel in support
of labor CLIN
1000 (TBD)

300117 Funding for
travel in support
of labor CLIN
1000 (TBD)

300118 Funding for
travel in support
of labor CLIN
1000 (TBD)

300119 Funding for
travel in support
of labor CLIN
1000 (TBD)

300120 Funding for
travel in support
of labor CLIN
1000 (TBD)

300121 Funding for
travel in support
of labor CLIN
1000 (TBD)

300122 Funding for
travel in support
of labor CLIN
1000 (TBD)

300123 Funding for
travel in support

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of labor CLIN
1000 (TBD)

300124 Funding for
travel in support
of labor CLIN
1000 (TBD)

300125 Funding for
travel in support
of labor CLIN
1000 (TBD)

300126 Funding for
travel in support
of labor CLIN
1000 (TBD)

300127 Funding for
travel in support
of labor CLIN
1000 (TBD)

300128 Funding for
travel in support
of labor CLIN
1000 (TBD)

300129 Funding for
Travel in support
of labor CLIN
1001 (TBD)

300130 Funding for
Travel in support
of labor CLIN
1001 (TBD)

3002 First option 1.0 Lot \$95,990.00
year, Material in
support of the
Statement Of
Work. (TBD)

300201 Funding in
support of CLIN
3002 (Material)
(TBD)

300202 Funding in
support of CLIN
3002 (Material)
(O&MN,N)

300203 Funding in
support of CLIN
3002 for AIR 4.3
(TBD)

300204 Funding in
support of CLIN
3002 for AIR 4.3
(TBD)

300205 Funding in

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support of CLIN
3002 for AIR 4.3
(TBD)

300206 Funding in
support of CLIN
3002 for AIR 4.3
(TBD)

300207 Funding in
support of CLIN
3002 for AIR-1.0
(TBD)

300208 Funding in
support of CLIN
3002 for H-1
upgrades/PMA-276
(TBD)

3003 First option 1.0 Lot \$159,646.00
year, Travel in
support of the
Statement Of
Work. (TBD)

300301 Funding in
support of CLIN
3003 (TBD)

300302 Funding in
support of CLIN
3003 (travel)
(TBD)

300303 Funding in
support of CLIN
3003 (travel)
(TBD)

300304 Funding in
support of CLIN
3003 (travel)
(TBD)

300305 Funding in
support of CLIN
3003 (travel)
(TBD)

300306 Funding in
support of CLIN
3003 (travel)
(TBD)

300307 Funding in
support of CLIN
3003 (travel)
(TBD)

300308 Funding in
support of CLIN
3003 (travel)
(TBD)

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300309 Funding in
support of CLIN
3003 (travel)
(TBD)

300310 Funding in
support of CLIN
3003 (travel)
(RDT&E)

300311 Funding in
support of CLIN
3003 (travel)
(TBD)

300312 Funding in
support of CLIN
3003 (Travel)
(O&MN,N)

300313 Funding in
support of CLIN
3003 (travel)
(OTHER)

300314 Funding in
support of CLIN
3003 (travel)
(OTHER)

300315 Funding in
support of CLIN
3003 (travel)
(OTHER)

300316 Funding in
support of CLIN
3003 (travel)
(OTHER)

300317 Funding in
support of CLIN
3003 for PMA274
(TBD)

300318 Funding in
support of CLIN
3003 for AIR 4.3
(TBD)

300319 Funding in
support of CLIN
3003 for AIR
4.3.5.1 (TBD)

300320 Funding in
support of CLIN
3003 for AIR-1.0
(TBD)

300321 Funding in
support of CLIN
3003 for H-1
upgrades/PMA-276
(TBD)

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3004 Base Year, NMCI 1.0 Lot \$13,909.04
in support of the
Statement of
Work. (TBD)

300401 Funding for NMCI
in support of
Base Labor CLIN
1000 (TBD)

3005 First Option 1.0 Lot \$23,022.33
Year, NMCI in
support of the
Statement of Work
(OTHER)

300501 Funding in
support of CLIN
3005 (NMCI) (TBD)

300502 Funding in
support of CLIN
3005 (NMCI)
(OTHER)

300503 Funding in
support of CLIN
3005 (NMCI)
(OTHER)

300504 Funding in
support of CLIN
3005 (NMCI)
(OTHER)

300505 Funding in
support of CLIN
3005 (NMCI)
(OTHER)

For Cost Type Items:

Item	Supplies/Services Qty	Unit	Est. Cost	Fixed Fee	CPFF
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4000	Second option year, Labor for services provided in accordance with the Statement of Work. (TBD)	1.0 Lot	\$4,391,441.72	\$352,472.85	\$4,743,914.57
400001	Funding in support of AIR-4.3 FY10 Air Vehicle Engineering Conference (WCF)				
400002	Funding in support of ECS Support for the				

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PMA-209 FMS
Taiwan Program
(FMS Case #TW-P-S
EG)

400003 Funding in
support of air
vehicle modeling,
analysis, and
testing efforts.
(WCF)

400004 Funding in
support of Evan
Nosel and Chance
McColl. (WCF)

400005 Funding in
support of PMA
290 P-8A McNamara
(WCF)

400006 Funding in
support of PMA
290 P-8A McNamara
(WCF)

400007 Funding in
support of PMA
290 P-8A McColl
(WCF)

400008 Funding in
support of PMA
290 P-8A Various
(WCF)

400009 Funding in
support of PMA
290 P-8A Plakos
(WCF)

400010 Funding in
support of PMA
290 P-8A Brown
(WCF)

400011 Funding in
support of PMA
290 P-8A NEPA
(WCF)

400012 Funding in
support of PMA
290 P-8A PESHE
(WCF)

400013 Funding in
support of PMA
290 P-8A Porcelli
(WCF)

400014 Funding in
support of E2D
Air Vehicle Sabre

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(OTHER)

- 400015 Funding in support of AIR
4.3.4.3 SWRI
(RDT&E)
- 400016 Funding in support of AIR
4.3.4.3 SWRI
(RDT&E)
- 400017 Funding in support of AIR
4.3.4.3 SWRI
(RDT&E)
- 400018 Funding in support of AIR
4.3.1 NAVMAR BAMS
(WCF)
- 400019 Funding in support of AIR
4.3.4.1
Maintainer's
Conference (WCF)
- 400020 Funding in support of AIR
4.3 Technical
Workshop (WCF)
- 400021 Funding in support of AIR
4.3.4 Eng Tech
Support
(Lightell) (WCF)
- 400022 Funding in support of AIR
4.3.4.6 NPRE
(Rose/Beasley)
(WCF)
- 400023 Funding in support of AIR
4.3.4 Eng Tech
Support F/A-18
E/F Project (WCF)
- 400024 Funding in support of AIR
4.3.4.2 ESTCP
Support (Frank
Pepe \$29,804, Ed
Lipnickas
\$19,868) (WCF)
- 400025 Funding in support of
4.3.4.3 NDI ENG
Support (Adriano
Pugay \$15,000)
(WCF)

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400026 Funding in
support of AIR
4.3.4 NAVMAR M-65
/ F-35 A/C apps
(RDT&E)

400027 Funding in
support of AIR
4.3.4 NAVMAR BAMS
(WCF)

400028 Funding in
support of AIR
4.3.4 NAVMAR
H-53K Support
(WCF)

400029 Funding in
support of AIR
4.3.4 NAVMAR P-3
(Woodall) (WCF)

400030 Funding in
support of AIR
4.3.4 NAVMAR P-3
(Taylor) (WCF)

400031 Funding in
support of AIR
4.3.4 NAVMAR P-3
(Dowling) VA Tech
(WCF)

400032 Funding in
support of AIR
4.3.4 NAVMAR P-3
(Tipps) UDRI
(WCF)

400033 Funding in
support of AIR
4.3.4 NAVMAR P-3
(Carlisle) TDA
(WCF)

400034 Funding in
support of AIR
4.3.4 NAVMAR P-3
(Lane) EPPS
Aviation (WCF)

400035 Funding in
support of PMA
274 VH71 support
(WCF)

400036 Funding in
support of AIR
4.3.4 Eng Support
(Lightell) (WCF)

400037 Funding in
support of AIR
4.3.3.2 Eng

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Support (H-53K)
(WCF)

400038 Funding in
support of AIR
4.3.4 Tipps UDRI
(OTHER)

400039 Funding for
engineering
support for the
P-8A MMA Program
(WCF)

400040 Funding for
engineering
support for the
P-8A MMA Program
(WCF)

400041 Funding in
support of the
MV-22 production
program (OTHER)

400042 Funding in
support of the
Aircraft
Environmental
Liability Program
(O&MN,N)

400043 Funding in
support of AVEF
non-metallic.
(WCF)

400044 Funding in
support of EA18G
non-metallic.
(WCF)

400045 Funding in
support of CH-53K
(WCF)

400046 Funding in
support of
F-18E/F (WCF)

400047 Funding for P-3
program support
(WCF)

400048 Funding for P-3
program support
(WCF)

400049 Funding for P-3
program support
(WCF)

400050 NAE&OSD funding
(WCF)

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400051 NPRE Coatings
funding (WCF)

400052 NAE&OSD Corrosion
funding (WCF)

400053 NPRE FY10 Tech
Transition
funding (WCF)

400054 OSD Cold Spray
funding (WCF)

400055 NAE&OSD Corrosion
(WCF)

400056 CV-22 funding
(WCF)

4001 Third option 1.0 Lot \$4,557,621.80 \$338,648.86 \$4,896,270.66
year, Labor for
services provided
in accordance
with the
Statement of
Work. (TBD)

400101 PMA209 P-8A Inc
Fund (Plakos)
(WCF)

400102 PMA209 P-8A Inc
Fund (Plakos)
(WCF)

400103 PMA209 P-8A Inc
Fund (Brown)
(WCF)

400104 4.3.4 Navmar
CASSIA Program
(RDT&E)

400105 4.3.4 Navmar
TAK-R APE Support
(WCF)

400106 PMA290 P-8A
(Iyyer, Merrill,
Anderjaska &
others) (WCF)

400107 4.5.1.0
(McNamara) (WCF)

400108 4.3.4.3 (Pugay)
(WCF)

400109 4.3.4.3 (Pugay)
(WCF)

400110 4.3.4.3 (Pugay)
(WCF)

400111 4.3.4.3

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(McConnell) (WCF)

400112 4.3.4.0
(Urserly/Schaffer)
(WCF)

400113 4.3.2.4 (Bartley)
(WCF)

400114 4.3.4.1
(Lightell) (WCF)

400115 4.3.4.2
(Lipnickas) (WCF)

400116 P-3 (Lane,
Woodall, Tipps,
Iyyer) (WCF)

400117 4.3.5.2
(Bagewell) (WCF)

400118 4.3.5.2
(Ohlson/Caero)
(WCF)

400119 4.3.4 (Lipnickas)
(WCF)

400120 4.3.4 (Beasley)
(WCF)

400121 4.3.4 (Lipnickas)
(WCF)

400122 4.3.4
(Urserly/Lipnickas
) (WCF)

400123 4.3.4
(Lipnickas/Pepe)
(WCF)

400124 4.3.4 (Beasley)
(WCF)

400125 4.3.4 (Wilkinson)
(WCF)

400126 4.3.4 (Urserly)
(WCF)

400127 4.3.4 (McNamara)
(WCF)

400128 4.3.4 (Sanders)
(WCF)

400129 4.3.4
(Urserly/Lipnickas
) (WCF)

400130 4.3.4 (WCF)

400131 4.3.4 (Woodall)

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(WCF)

400132 4.3.4 (Woodall)
(WCF)

400133 4.3.4 (Ursery)
(WCF)

400134 4.3.4.3 (Pugay)
(WCF)

400135 4.3.3 (Nosel)
(WCF)

400136 4.3.3 (Brauss)
(WCF)

400137 W1041 NAE
Corrosion (RDT&E)

400138 4.3.4
(Ursery/TBD)
(WCF)

400139 PMA290 P-8A
(Plakos) (WCF)

400140 PMA290 P8A
(Brown) (WCF)

400141 PMA290 P-3
(Plakos) (WCF)

400142 4.3.4.1
(Lightell) (WCF)

400143 4.3.4.1
(Lightell) (WCF)

400144 4.3 Tech Workshop
(WCF)

400145 PMA276, H-1
Upgrades (RDT&E)

400146 H-60 Program
(Towsend &
Conjelko) (WCF)

400147 P-8A
(Calianno/Porcell
io) (WCF)

400148 4.3.4.2 (Hagos)
(RDT&E)

400149 4.3.4.1
(Lightell) (WCF)

400150 PMA-274 (WCF)

400151 P-8A (Porcelli)
(WCF)

400152 P-8A (McNamara)

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(WCF)

400153 PMA265 AVEF
Hydraulics (WCF)

400154 E2D Air Vehicle
Sabre Support
(APN)

400155 4.3.4.4 (JSF)
(WCF)

400156 4.3.4.2 (Beasley)
(WCF)

400157 4.3.3.5 (Hendrix)
(WCF)

400158 PMA-260 (various)
(WCF)

4002	Fourth (final) option year, Labor for services provided in accordance with the Statement of Work. (TBD) Option	1.0 Lot	\$4,634,615.27	\$344,299.91	\$4,978,915.18
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For ODC Items:

Item	Supplies/Services Qty	Unit	Est. Cost
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6000	Second option year, Material in support of the Statement Of Work. (TBD)	1.0 Lot	\$96,155.00
600001	Funding in support of AIR-4.3 FY10 Air Vehicle Engineering Conference (WCF)		
600002	Funding in support of air vehicle modeling, analysis, and testing efforts. (WCF)		
600003	Funding in support of AIR 4.3.4 Eng Tech Support (Lightell) (TBD)		
600004	Galvanic Primer funding (WCF)		

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6001 Second option 1.0 Lot \$128,206.00
year, Travel in
support of the
Statement of
Work. (TBD)

600101 Funding in
support of air
vehicle modeling,
analysis, and
testing efforts.
(WCF)

600102 Funding in
support of PMA
290 P-8A McNamara
(WCF)

600103 Funding in
support of PMA
290 P-8A McColl
(WCF)

600104 Funding in
support of PMA
290 P-8A Various
(WCF)

600105 Funding in
support of E2D
Air Vehicle Sabre
(OTHER)

600106 Funding in
support of AIR
4.3.4.3 SWRI
(RDT&E)

600107 Funding in
support of AIR
4.3.1 NAVMAR BAMS
(WCF)

600108 Funding in
support of AIR
4.3 DDM Technical
Workshop (WCF)

600109 Funding in
support of AIR
4.3.4 NAVMAR M-65
/ F-35 A/C apps
(RDT&E)

600110 Funding in
support of AIR
4.3.4 NAVMAR BAMS
(WCF)

600111 Funding in
support of AIR
4.3.4 NAVMAR
H-53K Support
(WCF)

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600112 Funding in
support of AIR
4.3.4 NAVMAR P-3
(Taylor) (WCF)

600113 Funding in
support of AIR
4.3.4 NAVMAR
(Carlisle) TDA
(WCF)

600114 Funding in
support of the
Aircraft
Environmental
Liability program
(O&MN,N)

600115 Funding in
support of AVEF
non-metallic
(WCF)

600116 Funding in
support of EA18G
non-metallic
(WCF)

600117 Funding in
support of CH-53K
(WCF)

600118 Funding in
support of F-18/F
(WCF)

600119 Funding for P-3
program support
(WCF)

6002 Third option 1.0 Lot \$265,462.00
year, Material in
support of the
Statement Of
Work. (TBD)

600201 AM-2 Matting
(WCF)

600202 Laser Peening
Material (WCF)

600203 AVE (WCF)

600204 4.3 Air
Conference (WCF)

600205 4.3.4 (WCF)

600206 4.3 Tech Workshop
(WCF)

600207 PMA276, H-1
Upgrades (RDT&E)

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600208 4.3.4.2 (Beasley)
(WCF)

6003 Third option 1.0 Lot \$163,885.33
year, Travel in
support of the
Statement Of
Work. (TBD)

600301 PMA290 P-8A
(Iyyer, Merrill,
Anderjaska &
others) (WCF)

600302 4.5.1.0
(McNamara) (WCF)

600303 4.3.4.3 (Pugay)
(WCF)

600304 4.3.5.2 (Bagwell)
(WCF)

600305 4.3.5.2
(Ohlson/Caero)
(WCF)

600306 4.3.4 (WCF)

600307 4.3 Tech Workshop
(WCF)

600308 PMA276, H-1
Upgrades (RDT&E)

600309 P-8A
(Calianno/Porcelli)
i) (WCF)

600310 PMA-274 (WCF)

600311 P-A8 (Porcelli)
(WCF)

600312 P-8A (McNamara)
(WCF)

600313 PMA276 AVEF
Hydraulics (WCF)

600314 4.3.4.4 (JSF)
(WCF)

600315 4.3.3.5 (Hendrix)
(WCF)

600316 PMA-260 (various)
(WCF)

6004 Fourth (final) 1.0 Lot \$100,000.00
option year,
Material in
support of the
Statement Of

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Work. (TBD)
Option

6005	Fourth (final) option year, Travel in support of the Statement Of Work. (TBD) Option	1.0 Lot	\$206,325.00
6006	Second Option Year, NMCI in support of the Statement of Work (TBD)	1.0 Lot	\$9,000.00
600601	Funding in support of E2D Air Vehicle Sabre (OTHER)		
600602	Funding in support of AVEF non-metallic (WCF)		
6007	Third Option Year, NMCI in support of the Statement of Work (TBD)	1.0 Lot	\$0.00
6008	Fourth (final)Option Year, NMCI in support of the Statement of Work (TBD) Option	1.0 Lot	\$23,022.33

5252.211-9503 LEVEL OF EFFORT (COST REIMBURSEMENT) (NAVAIR) (OCT 2005) -ALT I (OCT 2005)

(a) The level of effort for the performance of this contract during the period from Date of Award to Five (5) years after date of award is based upon an anticipated total estimated level of effort of 211,200 man-hours of direct labor. The level of effort is expected to occur evenly over the contract term. The total man-hours of labor are as follows:

Base	Option I	Option II	Option III	Option IV	Total
42,240	42,240	42,240	42,240	42,240	211,200

(b) FAR Clause 52.232-20, "Limitation of Cost" applies to fully funded orders and FAR Clause 52.232-2, "Limitation of Funds" applies to incrementally funded orders. Nothing in this clause amends the rights or responsibilities of the parties hereto under either of those two clauses. In addition, the notifications required by this clause are separate and distinct from any specified in either Far Clause 52.232-20 or FAR Clause 52.232-22.

(c) It is agreed that, while the contractor's performance during the period set forth in paragraph (a) above is based upon an anticipated level of effort consisting of man-hours of direct labor (as may be described or defined elsewhere herein), such level of effort may fluctuate in pursuit of assigned technical objectives, either upward or downward, by no more than ten (10%) percent of the total anticipated man-hours. This fixed fee is agreed to be paid for man-hours expended from ninety (90%) percent to one hundred ten (110%) percent of the total anticipated man-hours. The fixed fee shall not vary with the cost of the actual effort supplied within this range. In the event that less than ninety (90%) percent of the anticipated level of effort is actually expended by the expiration date of the contract, the Government shall have the option of:

(1) requiring the contractor to continue to perform (but not to exceed thirty days) until the level of effort expended equals ninety (90%)

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percent of the anticipated level of effort; or

(2) effecting a reduction in the fixed fee by the percentage by which the total of expended man-hours is less than ninety (90%) percent of the anticipated level of effort.

(d) The contractor agrees that effort performed in fulfillment of level of effort obligations under this contract shall include only verifiable effort in direct support of the work specified. It shall not include efforts such as work performed in transit to or from an employee's usual workplace, work during lunchtime activities, or effort performed at an employee's residence or other non-work location.

(e) The Contractor shall notify the Procuring Contracting Officer immediately in writing whenever it has reason to believe that:

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

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

As part of the notification, the Contractor shall provide the Contracting Officer a revised estimate of the level of effort required to perform the contract. As part of the notification, the Contractor also shall submit any proposal for adjustment to the estimated cost and fixed fee that it deems would be equitable if the Government were to increase the level of effort as proposed by the Contractor.

(f) Within thirty days after completion of the contract, the Contractor shall submit the following information directly, in writing, to the ordering officer, with copies to the COR and the Defense Contract Audit Agency office to which vouchers are submitted:

(1) The total number of man-hours of direct labor, including subcontract labor, expended and a breakdown of this total showing the number of man-hours expended in each direct labor classification listed in the contract schedule, including the identification of the key employees utilized;

(2) The Contractor's estimate of the total allowable cost incurred under the contract; and

(3) In the case of a cost under run, the amount by which the estimated cost of the contract may be reduced to recover excess funds.

(g) In the event that the incurred level of effort exceeds by three (3%) percent or less the contract requirement, but does not exceed the estimated cost of the contract, the contractor shall be entitled to cost reimbursement for actual hours expended, not to exceed the ceiling cost. The contractor shall not be paid fixed fee, however, on level of effort in excess of one hundred (100%) percent without complying with subsection (e) above. This understanding does not supersede or change subsection (e) above, whereby the contractor and Government may agree on a change to the contract level of effort with an equitable adjustment for both cost and fee.

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

1.0 BACKGROUND

The Air Vehicle Competency of the Naval Air Warfare Center Aircraft Division (NAWCAD) performs engineering technology development efforts associated with the full life cycle of maritime and ship-based air vehicles and their associated subsystems. The competency carries out its work by providing uniquely qualified technical personnel to Integrated Program Teams (IPTs), Externally Directed Teams (EDTs) and by conducting enterprise programs, and covers both manned and unmanned air vehicles. The competency encompasses air vehicle related engineering and technical areas covering Air Vehicle Systems Engineering, Aeromechanics, Structures, Materials and Vehicle Subsystems.

2.0 SCOPE

The contractor shall provide engineering and technical support to assist the Air Vehicle Competency in:

1. The assessment of air platform requirements and associated enabling technologies.
2. The preparation of Office of Naval Research (ONR) Technology Area Plans.
3. Requirements analysis and the development of Product Line Plans.
4. Technical and planning support to Joint Service Programs (Reliance, JAST/TMD).
5. The development and test of aircraft materials and coatings, including corrosion control effectiveness testing.
6. The assessment and evaluation of technology programs.
7. Organizing and conducting technology transfer conferences.
8. The reduction of hazardous materials in organic and inorganic coatings for naval aircraft materials and in cleaning compounds unused for aircraft maintenance processes.
9. The full spectrum materials engineering support for naval acquisition platforms.
10. Concept definition for advanced systems.
11. Engineering activities associated with strength and lifetime structural integrity of basic airframe structures.
12. Development and characterization of composites, adhesives, sealants, other non-metallic and metallic material for naval aircraft applications.
13. Providing nondestructive inspection processes that support current and advanced technology material aircraft components and structures.
14. Maintaining technical plans and reports database.
15. Perform mechanical and analytical testing utilizing contractor or Navy in-house facilities as needed, to support the materials development program.
16. Analysis and technical assessment of high level guidance documents, postulating weapons systems requirements and the interpretation of the impact of these requirements on aircraft technology programs.

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17. Analysis and technical studies to support the aircraft technology program and related planning and technical management.

18. Translate systems requirements to technology requirements, and for transitioning technology efforts to meet fleet requirements for the following technology areas:

- Aircraft Structures
- Aircraft Materials
- Sea Based Aviation Support Technologies
- Aircraft Subsystems
- Aircraft Aerodynamics
- Platform Systems Integrated and Concept Assessment

19. Conduct air vehicle systems engineering.

20. Engineering activities associated with strength and lifetime aircraft structural integrity and durability.

21. Engineering and technical support in the development, characterization and testing of aircraft materials, corrosion control, coatings development and test, nondestructive inspection, Hazardous Waste Minimization Program, development of environmentally compatible cleaners and specialized mechanical testing of advanced materials and processes.

22. Operations analysis to conduct threat studies / technical assessments of selected technologies.

23. Software and hardware development and testing for computerized aircraft fuel optimization systems.

24. Fixed and rotary wing aircraft aerodynamic and Computational Fluid Dynamics (CFD) analysis.

25. Fixed and rotary wing performance analysis.

26. Wind tunnel test support

27. Computer system administration for workstation and personal computer systems.

28. Development of real time simulation UAV aerospace propulsion models.

29. Development of real time airwake and turbulence modeling capabilities.

30. Flight dynamic analysis of fixed and rotary wing aircraft.

31. Aircraft/stores carriage and separation analysis and test.

32. Flight Control System (FCS) analysis report.

33. Flight test support/data management.

34. Weapon accuracy analysis support.

35. Develop and support web-based virtual collaboration systems

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36. Escort responsibilities for foreign nationals.

3.0 APPLICABLE DOCUMENTS

The following documents form a part of the Statement of Work (SOW) to the extent specified herein and are provided as general guidance only. The contractor shall follow the current industry standard or commercial equivalent of each applicable document if available:

- Standards
- DoD-5000.1
- DoD-STD-100
- MIL-STD-881
- MIL-STD-1553

· **Instructions/Handbooks**

- MIL-W-5088
- MIL-DTL-31000

· **Clause**

5252.204-9505 INFORMATION ASSURANCE AND PERSONNEL SECURITY REQUIREMENTS FOR ACCESSING GOVERNMENT INFORMATION TECHNOLOGY SYSTEMS (AUG 2007)

(a) Contractor personnel assigned to perform work under this contract may require access to Government IT Systems. Contractor personnel requiring access to Government IT Systems shall comply with AIR-7.2/7.4 Policy Memo 5510, "Information Technology (IT) Positions" dtd 17 May 2007 or latest version thereof, available at

https://mynavair.navair.navy.mil/portal/server.pt/gateway/PTARGS_32_1757_856_0_1_47/http%3Bpxcpo013.navair.navy.mil%3B7001/collab/docman/download/166654/0/0/0/IT%20POSITIONS.pdf;jsessionid=HWY1yvNVGR0k0ywnsyBbLs1MszRzT7vk4lq6W1nMQhDQLy0Nyf09!316776776 as amended

https://mynavair.navair.navy.mil/portal/server.pt/gateway/PTARGS_32_1757_856_0_1_47/http%3Bpxcpo013.navair.navy.mil%3B7001/collab/docman/download/170926/0/0/0/IT%20Policy%20Amendment%206%20June%2007 or through the Procuring Contracting Officer (PCO) [or provided as an attachment].

Prior to accessing any Government IT System, contractor personnel shall submit a completed Systems Authorization Access Request (SAAR), DD Form 2875, Annual Information Assurance (IA) training certificate, and initiate the requisite background investigation (or provide proof of a current background investigation) to the Contracting Officer's Representative (COR). For purposes of this clause, reference

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to the COR shall mean the PCO for contracts that do not have a designated COR. In order to maintain access to required systems, the contractor shall ensure completion of annual IA training, monitor expiration of requisite background investigations, and initiate re-investigations as required.

(b) Contractor personnel shall complete, sign and date Part I of the SAAR (available at https://infosec.navy.mil/pub/docs/documents/NETWARCOM/uad/dd2875_12jun2006.pdf [or provided as an attachment] and coordinate with the COR to designate in Part III, block 28c, the appropriate IT level designation (IT-1, IT-2, or IT-3). The completed SAAR and proof of a current background investigation is to be provided to the COR. The COR will review the SAAR submitted by the contractor, and if the COR concurs that the contractor requires the IT access designated, the COR will complete and sign Part II. When a background investigation is required, contractor personnel shall coordinate with Command Personnel Security, AIR-7.4, and follow the procedures as described at the NAVAIR website https://mynavair.navair.navy.mil/portal/server.pt/gateway/PTARGS_32_1757_856_0_1_47/http%3Bpxcpo013.navair.navy.mil%3B7001/collab/docman/download/166652/0/0/0/IT%20Positions%20Process%20for%20Contractors.doc.

(c) The contractor shall provide separate Information Technology Personnel Security Reports to the COR and to NAVAIR Security in accordance with CDRL A004. The report submitted to the COR shall not contain Social Security information that is required in the report submitted to NAVAIR Security. Both reports shall show that all contractor personnel meet the requirements for obtaining access to Government IT Systems, and that all requirements are verified and validated thereafter on an annual basis. All prime, subcontractor, consultants, and temporary employees shall be included in the reports. Revised reports shall be submitted when gains and/or losses of employees occur to ensure that all employees comply with these requirements prior to accessing Government IT Systems.

4.0 REQUIREMENTS

4.1 Analysis and Technical Assessment

4.1.1 Engineering Analysis

The contractor shall provide the engineering and analytical support to compile, analyze and prepare detailed engineering analysis reports on the new technologies and platforms required to meet new threats and missions. These analyses reports shall document the requirements process, concepts, plans, and strategies to merge the technologies and platforms early in the development cycle of the system engineering process. In particular, these reports will serve to assist the NAWCAD management, the Naval Air Systems Command (NAVAIRSYSCOM) TEAM, ONR, and Chief of Naval Operations (CNO) in devising an approach to the systematic integration of new technologies in response to new threats/missions and platforms.

On the basis of information obtained from multiple intelligence sources and the references/documentation to be provided by NAWCAD, the Contractor shall identify principal threats to the Navy in the performance of its mission over the next 20 years. Sufficient engineering analysis shall be performed against these threats to define the sensitivity of the threat on both current and emerging technology.

The air vehicle platforms and concepts shall include, but are not limited to, the following platforms:

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- V-22
- F-18 E/F/G
- MPA
- UAV
- JSF
- LTA
- JPATS
- CSA
- MMA
- VH71A
- H-53K
- BAMS

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.1.2 Technology Guidance Analysis

4.1.2.1 Technology Assessment Model

The Contractor shall develop a model to assess the near, mid and long term future technologies. The model must include analysis of the highest-level air vehicle mission, system and subsystem platform requirements. The model will produce a detailed assessment of current technologies and system technology options. The assessment must be concentrated on the technology aimed at increasing the quality of Navy weapon systems and increasing the efficiency and productivity of the basic R&D efforts. The contractor shall develop a model that responds to Navy needs, with system and technology options that enhance naval aviation mission effectiveness, performance, survivability and affordability.

The process must use high-level Navy planning requirements and guidance information coupled with threat analysis to arrive at a long-range technology-planning model. The model must be constructed to support technology / system planning for desired joint war fighting capabilities.

The contractor shall utilize intelligence information contained in the USAF National Air and Space Intelligence Center's (NASIC), technical library, Wright-Patterson AFB, OH and Navy Intelligence

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Documents available in Scientific and Technical Intelligence Offices (STILO). Other documents will be provided through NAWCAD STILO, as required.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.1.2.2 Requirements Definition Process

The contractor shall develop a process to review and assess current and future aircraft systems technology. The analysis shall be conducted on the highest-level air/surface/subsurface mission, system and subsystem requirements to produce detailed assessments of current technologies. The process shall define requirements for new technology initiatives to support long-range developments for future Navy aircraft systems.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.1.3 Technical Analysis and Strategic Plans

The contractor shall perform qualitative and quantitative technical analyses of strategic plan inputs for long-range technology base planning. The contractor shall provide planning data directed toward improving the most effective technology base developments. This task shall support NAWCAD and the Air Vehicle Competency in the preparation of long-range strategic technologies and product line plans. The analyses shall document technology technical area issues and program-task developments and shall include:

- a. Road maps for the technology program plans.
- b. A listing of mission area requirements and thrusts by technology areas.
- c. A long-range technology planning process.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.1.4 Systems Development and Acquisition Support

The contractor shall provide systems engineering support for the development, acquisition, overhaul, and repair of naval aviation support equipment. . The contractor shall develop system specifications, demonstration requirements, and recommended changes to component or system designs and test requirements that may arise due to operational service problems in the fleet. The contractor shall perform system prototyping, operate system test equipment, and perform computer analysis of systems and components as required, and prepare the necessary documentation required for the fleet introduction of cryogenic and other support equipment.

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Documentation shall be prepared in accordance with CDRL A001

The performance standards and surveillance methods for this task are listed in the QASP.

4.2 Engineering Support

The contractor shall provide engineering support to transition air platform technologies and related system capabilities into Naval Air Forces across the joint mission areas. This engineering support involves the analysis of specific fleet needs and definition of new concepts and aircraft technology issues requiring quick-response resolution by technology managers, in support of urgent fleet, higher-level programs or Program Objective Memorandum deadlines. The results must also support future tradeoffs, which will aid in the integration of air platforms and systems as part of the Navy's balanced Joint Mission Area / Joint Support Area.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.3 Structures Engineering

4.3.1 Structural Analyses

The contractor shall provide the engineering support to conduct stress analyses of airframe systems and subsystems as well as racks, launchers, enclosures, pods, etc. The support will include both static and dynamic analysis and the discipline areas of loads, stress, flutter, fatigue, shock and vibration, and acoustic noise.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.3.2 Structural Integrity

The contractor shall provide engineering support for the development of policies, procedures, specifications, and processes for structural analyses, testing procedures, and certification of structural integrity.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

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4.3.3 Structural Test Engineering

The contractor shall provide engineering support for the preparation of test plans, hardware instrumentation, article preparation, testing, and test data evaluation. Areas include loads, fatigue, flutter, shock and vibration, and acoustic noise.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.4 Aircraft Materials

The contractor shall provide technical support in the development, characterization and testing of aircraft materials including metallic, non-metallic, composites, ceramics, and protective coatings.

4.4.1 Materials Characterization

The contractor shall support the use of the competency's scanning electron microscope and transmission electron microscope laboratories and x-ray diffractometer to investigate the properties of materials and to perform micro analytical examination of materials specimens. The contractor shall perform this support in the NAWCAD Materials laboratories.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.4.2 Operational Chemicals

The contractor shall support the development, laboratory testing and selection of alternative cleaners and cleaning processes used in the operational chemicals laboratory in maintaining military aircraft and aircraft system components. The contractor shall prepare specification changes for dry cleaning and degreasing solvents as environmentally acceptable replacement solvents are developed and successfully tested. The contractor shall support the development and testing of non-solvent biodegradable aircraft cleaners. Sample preparation and testing shall be performed in the NAWCAD Operational Chemical Laboratory and at the contractor's facility.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.4.3 Corrosion Protection

The contractor shall support the development of a real-time corrosion sensor monitoring system and its implementation into Department of Defense and Department of Transportation programs. The

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contractor shall install sensors at designated field locations, collect data from installed sensors, perform data analysis, and prepare reports for technical publications. The contractor shall perform laboratory corrosion testing and sensor development and characterization in the Surface Interactions Laboratory and at the contractor's facility.

Documentation shall be provided in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.4.4 Composite Material

The contractor shall support the research, development, and application of composites, adhesives, sealants, other non-metallic and metallic as well as countermeasure materials for use in new and inventory aircraft. The contractor shall provide recommended guidance to resolve characterization, processing, fabrication, productivity, quality, and manufacturing problems, and unexpected failure of components, and shall support the initiation of concept, proposal of approaches in area of manufacturing technology. The contractor shall analyze composite technology characteristics and make recommendations relative to export control activities.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.4.5 Material Coatings

4.4.5.1 Organic Protective Coating

The contractor shall support the development of new low VOC Organic Protective Coatings, and self-priming topcoats for use on Navy and Coast Guard aircraft. The contractor shall test samples of organic protective coatings especially non-chromatic primers and topcoats to compare performance with current standard coating systems. The contractor shall prepare and install test samples on selected aircraft to determine corrosion-resisting performance under real world environmental conditions. The contractor shall participate in the effort to minimize hazardous material and reduce hazardous waste. Testing and application of protective coatings shall be performed in the NAWCAD Organic Protective Coatings Laboratory.

Documentation shall be provided in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.4.5.2 Inorganic Coatings

The contractor shall support the Inorganic Coatings Laboratory in the development and testing of electroplating processes and pre-paint treatments designed to eliminate chromate based coatings for use in Navy aircraft programs. The contractor shall analyze depot processes and recommend ways to minimize or eliminate HAZMAT/TOXIC materials. The contractor shall prepare specification samples,

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which are uniform and high quality to support the controlled testing of both in-house developed coatings and industrial products. This task shall be performed in the NAWCAD Inorganic Coatings Laboratory.

Documentation shall be provided in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.4.5.3 Environmental Program

The contractor shall provide the latest regulatory guidance to formulators and engineers developing compliant coatings, applications, pre-treatment, and removal processes. The contractor shall assist in chemical inventory control and hazardous materials management in the competency's laboratories. The contractor shall maintain the coatings team Environmental Materials Library, and shall support the collection and submission of data in response to data calls from NAVFAC, NAVAIR, ONR, ARPA and NSWC Annapolis on a quick turnaround time of one working day.

Documentation shall be provided in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.4.6 Metallic/Ceramic Materials

The contractor shall support the design, preparation and testing of specimens for fatigue and tension failure modes, and shall collect and analyze test data and report findings. The contractor shall design test fixtures to support unique mechanical testing, and shall support research projects in the Materials Laboratory by designing experimental tests to characterize new metallic alloys and ceramic materials for advanced aircraft. The contractor shall analyze samples of materials from aircraft and their components to characterize failure modes and deterioration mechanisms.

The contractor shall provide support in the area of metallographic examinations that involve sectioning, mounting, and polishing of metallic and ceramic samples. The contractor shall support failure analysis investigations by providing optical and digital documentation.

The contractor shall document technical results and image analysis in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.4.7 Nondestructive Testing and Inspection

The contractor shall support Navy aircraft material programs in the area of nondestructive testing and inspection of components for new aircraft programs. The contractor shall perform analysis of samples of failed materials, and recommend nondestructive methods for evaluation. The contractor shall conduct laboratory analysis to develop and verify new methods of nondestructive testing and special inspection techniques for use by naval aircraft maintenance activities. The contractor shall train Navy and Marine nondestructive inspection personnel in the new special techniques.

Documentation shall be provided in accordance with CDRL A001.

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The performance standards and surveillance methods for this task are listed in the QASP.

4.4.8 Propulsion Materials

The contractor shall support the propulsion materials programs. The contractor shall provide the engineering and technical support to set program priorities and to participate in program reviews.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.5 Aeromechanics Engineering

4.5.1 Aircraft Energy Program Support

The contractor shall develop and test fuel-saving technologies and operational systems for Navy and Marine Corps aircraft. Current projects require software and hardware development and testing for computerized fuel optimization systems including aircraft integrated systems, PC-based systems, and pocket size palm-top computer systems.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.5.2 Aerodynamics Characterization

The contractor shall provide engineering support for the prediction and analysis of the aerodynamic characteristics of fixed wing and rotary wing, manned and unmanned aircraft. The contractor shall support the modification or development of methods to improve the accuracy or enhance the capability to predict the aerodynamics of existing or future aircraft whose design goes beyond the existing databases.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.5.3 Flight Dynamics Support

The contractor shall support the flight dynamics analyses of US Navy air vehicles that include manned and unmanned, fixed and rotary wing. This support shall include: a) operation and maintenance of the Flight Dynamics Computer Lab (FDCL) through simulation model development, validation, and integration; maintenance and integration of system hardware and software; and simulator operation during pre-test checkout as well as during actual engineering evaluation; b) technical data support including graphical arts for briefing materials, reports, presentations, etc.; development and maintenance of information databases; financial and/or contractual status reports; and preparation of purchase requests; and; c) data processing to maintain the network of Flight Dynamics Branch computers (PC, MAC, SGI, VAX) and develop tools/codes to process data among the different platforms as well as other networks.

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Documentation shall be prepared in accordance with CDRL A001 and A002.

The performance standards and surveillance methods for this task are listed in the QASP.

4.5.4 Performance Analysis

The contractor shall provide engineering support for the analysis of fixed wing, rotary wing, manned and unmanned aircraft performance characteristics. The contractor shall develop and modify aerodynamic and propulsion databases used in the analysis of aircraft performance. The contractor shall support the generation of tactical manual charts and NATOPS charts using existing, approved methods that reside within the Air Vehicle Competency. The contractor shall support the validation of methods developed for prediction of performance characteristic, using recommended and independent procedures that thoroughly test the efficiency and accuracy of the developed methods.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.5.5 Wind Tunnel Testing

The contractor shall provide engineering support in conducting wind tunnel testing of aircraft configurations and components. The contractor shall support the development of test plans, review of structural analysis documents associated with the models to be tested, conduct structural analysis of models to indicate safety margins for anticipated loads, and analysis of data resulting from the test. The contractor shall provide technician support in preparing wind tunnels for testing, including the installation of electronic devices for measuring forces and pressures, the connection of electronic devices between the model and the data collection computer, the modification of models or components associated with the integration of balances and mounting of the model on support strings/struts.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.5.6 Computational Fluid Dynamics

The contractor shall provide engineering support for computational fluid dynamics analysis of aircraft configurations and components. The contractor shall support the development of computational grids for the Euler and Navier-Stokes analysis, running the computational codes and analyzing the data resulting from the analysis, including comparisons with test data for validation.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.5.7 Computer System Administration

The contractor shall support the administration of the Computational Fluid Dynamics Laboratory supercomputers and satellite workstations of the Air Vehicle Competency. The contractor shall establish

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computer specifications for the purchase of new computers based on the requirements of the competency. The contractor shall network the existing supercomputer and workstations within the competency to enable computational efficiencies through the maximum utility of all computers. The contractor shall recommend upgrades/improvements to existing hardware and software based on new developments within the computer field. The contractor shall support the integration of new programs onto existing workstations.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.5.8 Aircraft/Stores Separation Analysis Support

The contractor shall provide analytical and test support for the analyses of stores/weapons carriage and separation from naval aircraft.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.5.9 Data Analysis

The contractor shall conduct analysis of flight test data to verify the instrumentation calibrations and air data sensor corrections determined by standard calibration techniques. Additionally, any frequency response limitations of the on board instrumentation should be determined. Instrument calibrations for rate and displacement in terms of scale factor, accelerometers shall be determined in terms of scale factor, bias, and lags. Air data calibrations to be determined are up wash (position error) calibrations for angle-of-attack (AOA) and angle of sideslip, and pilot-static position errors. Integration of standard and differential global positioning systems with the rest of the instrumentation systems shall be determined. The contractor shall make recommendations for the correction of any instrumentation systems deficiencies and/or shall make recommendations concerning flight test maneuvers to be used to evaluate the adequacy of the instrumentation systems. The contractor shall furnish materials required to correct instrumentation system deficiencies and provide new instrumentation system development plans/recommendations.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.5.10 Air Vehicle Flight Control Systems Analysis

The contractor shall provide engineering support for the analysis of flight control systems of manned and unmanned Navy air vehicles relative to appropriate military specifications and emerging advanced criteria. This task encompasses the full spectrum of Navy aircraft, and all aspects of flight control systems and components including system architecture, redundancy management, interfaces, control actuation, sensors, computers, cockpit interface hardware, environmental, reliability, maintainability and safety requirements, control laws, and software. Analyses address modifications to existing aircraft as well as developing and future designs. The contractor shall also work closely with the Test & Evaluation

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personnel during flight test evaluations, providing valuable engineering insight into the understanding of any anomalies that might arise.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.5.11 Flight Control System Acquisition Support

The contractor shall provide engineering support for the development of new flight control systems for Navy air vehicles. This includes development of requirements and specifications, participating in design reviews and technical coordination meeting, evaluating progress, and identifying risk areas and proposed solutions to issues and concerns, conducting independent evaluation/review of issues, concerns and trade-offs, and reviewing documentation for completeness and adequacy throughout the acquisition process including the design, development and testing phases of the program.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.5.12 Advanced Flight Control Technology Development

The contractor shall provide engineering support for the Flight Control Exploratory Development that develops new flight control technology and criteria to improve performance and insure the ultimate success and efficiency of newly developing or modified air vehicles. Works closely with Air Force, Army and NASA engineers in these developments providing expertise that addresses the Navy unique issues such as carrier and small aviation capable ship operations.

Documentation shall be provided in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.5.13 Flight Control System Process Support

The contractor shall provide engineering support for the development of policies, procedures and engineering processes for flight control system development. This includes all aspects of flight control systems and components including system architecture, redundancy management, interfaces, control actuation, sensors, computers, cockpit interface hardware, environmental, reliability, maintainability and safety requirements, control laws, and software.

Documentation shall be provided in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.5.14 Expert System Analysis

The contractor shall provide expert system interfaces to complex computer aided control system design, PID, and aircraft flight dynamics simulation computer codes. The expert systems shall include the

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knowledge base needed to carry out typical tasks performed by an expert user of these codes.

Documentation shall be provided in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.6 Aircraft Subsystems

4.6.1 Aircraft Hydraulic Power Systems

The contractor shall provide engineering and technical support for the development of advanced hydraulic concepts for new or existing naval aircraft, establish performance-based design requirements to meet aircraft specific mission demands, perform development, evaluation and computer modeling for component or systems upgrades, perform analyses to establish life cycle cost (LCC), reliability maintainability and safety assessments, perform evaluations in accordance with accepted test methods and hydraulic specifications consistent with operational environments, operate laboratory test equipment and analyze and recommend changes to component or system designs and test criteria, that may arise due to operational service problems in the naval fleet, assist with mishap investigations, and support technology programs designed to advance hydraulics science and technology.

Documentation shall be provided in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.6.2 Aircraft Fuel Systems, External Fuel Tanks and Air Refueling Stores

The contractor shall provide the engineering and technical support for the development of new or existing naval aircraft fuel systems including internal and external fuel tanks and aerial refueling systems. The contractor shall define performance based design requirements, and support the development and evaluations of new components or system upgrades. These evaluations include performing life cycle cost (LCC) analyses, performance, reliability, as well as the assessment of maintainability, safety, crashworthiness, and production verification and qualification. The contractor shall develop fuel system specifications, demonstration requirements, and recommended changes to component or system designs and test requirements that may arise due to operational service problems in the naval fleet. The contractor shall perform system prototyping, operate fuel system test equipment and perform computer analysis of fuel systems and components.

Documentation shall be provided in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.6.3 Thermal Subsystems

The contractor shall provide engineering and technical support for the design, test, evaluation, and failure analysis for aircraft environmental control systems and fire detection and suppression systems. The contractor shall support the design development, and testing of naval aircraft environmental control systems (ECS), prepare modifications to specifications or sections of specifications for adherence to revised policy guidelines, or for updating purposes. The contractor shall review proposed ECS designs

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for new or modified aircraft and assess issues relating to system performance, reliability, adherence to specification as well as other maintenance, testing and safety requirements. The contractor shall analyze the performance of the ECS using computer models, and participate in design reviews and technical coordination meetings.

The contractor shall provide engineering support to identify, develop, evaluate and test alternative extinguishing agents and fire protection methods consistent with environmental requirements. The contractor shall investigate fleet maintenance reports, system failures and trends, and analyze causes using FMEA and related disciplines and recommend corrective actions. The contractor shall provide engineering support to conduct development programs aimed at advancing the state of the art in fire protection science and technology.

Documentation shall be provided in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.6.4 Aircraft Pollution Prevention

The contractor shall provide the engineering and technical support to develop and deploy sound and effective environmental practices in the fleet. The contractor shall support the review and modification of military specifications and standards to reduce or potentially eliminate the use of toxic chemicals (TC), extremely hazardous materials (ECM), and ozone depleting substances (ODS). The contractor shall support the review of non-governmental standards relating to TC/ECM/ODS requirements, the development of appropriate databases, and the assessment of process, quantity and cost issues as it relates to current and substitute systems.

Documentation shall be provided in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.6.5 Aircraft Mechanical Subsystems

The contractor shall provide engineering and technical support for the analysis, design, development, and testing of current and proposed aircraft mechanical components, subsystems and systems including: actuators and mechanisms, internal/external and special operations cargo handling equipment, fasteners, bearings, emergency egress lighting, stores suspension and release equipment, and transparent enclosures.

The contractor shall provide preliminary and detail designs, prototypes and test articles which are required to deliver systems which meet the current and future needs of the fleet. The contractor shall develop performance-based design requirements, specifications, and standards to directly meet aircraft-specific mission demands.

The contractor shall develop and utilize computer modeling for component or systems upgrades; perform analyses to assess life cycle cost (LCC), reliability, maintainability and safety levels; identify safety critical components; assist with qualification and re-certification of production facilities; perform evaluations in accordance with accepted test methods and specifications and which replicate realistic operational environments; operate laboratory test equipment and analyze and recommend changes to

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component or system designs and test criteria that may arise due to operational service problems; assist with mishap investigations, and support technology programs designed to advance the science and technology needs for naval air mechanical systems.

Documentation shall be prepared in accordance with CDRL A001

The performance standards and surveillance methods for this task are listed in the QASP.

4.7 Conference/Meeting Support

The contractor, in support of the above task orders, shall organize, coordinate and conduct one- to three-day formal technology conferences. As a minimum, the contractor shall perform the following:

- Provide coordination and planning with the conference chairperson and other government representatives.
- Prepare and distribute letters of invitation, , to all prospective attendees identified by the chairperson
- Prepare and distribute correspondence to prospective authors, speakers and session chairpersons identified by the meeting chairperson..
- Prepare and distribute letters of acceptance, letters of rejection and detailed instructions, provided by the Government, for the written, oral, and visual presentations.
- Provide an administrative point of contact to assist out-of-town attendees by providing direction and billeting information.
- Insure that security measures are followed in the receipt and exchange of classified material with prospective attendees, authors, and speakers and with individuals requesting classified material.
- Assist the review committee by technically evaluating papers and selection of the papers for the conference. Assist review committee in the set-up and coordination of the conference.
- Prepare a preliminary agenda for review and approval by the conference chairperson.
- Provide a portfolio for each attendee. Insert in the portfolio the agenda and the attendees' list, additional conference material, local data and information as provided by the chairperson.
- Assist the chairperson in the technical and general administration of the conference. Insure that the facilities and services at the designated site are prepared and suitable. Arrange for refreshments and lunch during the conference sessions.
- Prepare, publish and distribute proceedings of the conference with approval from the TOM. The proceedings shall contain the technical papers, addresses, briefings, and other material provided by the chairperson.

Documentation shall be prepared in accordance with CDRL A001

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The performance standards and surveillance methods for this task are listed in the QASP.

4.8 Planning Document Support

4.8.2 Technology Project Planning Support

The contractor shall support the 4.3 Air Vehicle Competency Technology Managers in the initial preparation and subsequent revisions and updates of the Technology Project Plans. These plans represent the Air Vehicle Department's top-level technology planning documents and define each technology effort, milestones, progress and technical accomplishments. In order to generate the revisions and updates, the contractor shall coordinate with the performing technologists and engineers to obtain inputs required to prepare draft reports for review.

The new/revised Technology Project Plans shall adhere to formats and methodologies defined by the TOM during the contract. The Technology Project Plan must define the air vehicle technologies that support the Navy's needs in supporting the following Joint Mission Areas (JMA): Joint Strike Littoral, Joint Surveillance, Joint Space and Electronic Warfare, Strategic Deterrence and Strategic Sea-Lift Protection. The maritime strategy, operational deficiencies and global war fighting strategies shall focus technologies in the Joint Strike, Joint Surveillance and Joint Littoral areas.

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.8.3 R&D Engineering Planning Document Support

The contractor shall provide coordination and processing of the engineering program and planning data (i.e., justifications, development plans, schedules, resource allocations, constraint requirements) for all technologies in the short and mid-range planning cycle. The contractor shall provide administration, scheduling, monitoring and verification of reference and planning documents. NAVAIR team manage and control system acquisition within the guidelines of The Office of Management and Budget, DoD, Department of the Navy and congressional limitations. These guidelines and limitations are imposed on all system and subsystem acquisitions and require the NAWCAD managers/engineers to prepare and manage numerous documents. These R&D engineering planning documents may include but are not limited to, the following documents:

- Development Option Papers (DOP)
- Tentative Operational Requirement (TOR)
- System Concept Papers (SCP)
- Navy Decision Coordinating Papers (NDCP)
- Program Plans
- Development Plans (DP)

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- Requirements Planning Documents
- Strategy Plans
- Progress Reports

Documentation shall be prepared in accordance with CDRL A001.

The performance standards and surveillance methods for this task are listed in the QASP.

4.8.4 Technical Data Information Display

The contractor shall provide the services required for use in the development, review, assemblage, editing, and data display of NAWCAD technology base programs. The contractor shall:

- a. Review provided drafts (including Technology Project Plans, Quarterly Reports, Mission Area Strategies and NATO COOP Program proposals) prepared by technical program engineers.
- b. Review and edit the drafts to ensure that they address requirements and need statements; follow prescribed formats and are technically and grammatically correct.
- c. Produce preliminary redrafts for NAWCAD review and rework. The process will be repeated until final NAWCAD approval is obtained. Rapid response in preparation of these drafts is essential to meeting imposed schedules. Minimum response time will be no shorter than 2 working days.
- d. Prepare presentations for major technology base meetings/reviews/displays. Provide support, in accordance with Section 4.7 of the SOW, for technology conferences. Utilize state-of-the-art interactive sound on video technology.

Documentation shall be prepared in accordance with CDRL A001 and A002.

The performance standards and surveillance methods for this task are listed in the QASP.

4.8.5 Technical Report Database

The contractor shall establish and maintain at the contractor facility an on-line direct access Technical Report database of required Air Vehicle Department Technology Project and technology engineering data and documentation as provided in accordance with paragraph 3.0. The database shall contain all engineering planning and management data provided by the TOM or designated government representative for a technology program or project. All program planning data shall be input and maintained on an IBM/ITT or compatible PC microcomputer.

The performance standards and surveillance methods for this task are listed in the QASP.

4.9 Foreign Nationals

Contractor personnel will be required to perform escort responsibilities for foreign nationals.

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The performance standards and surveillance methods for this task are listed in the QASP.

5.0 DATA

Data is to be submitted in accordance with the attached Contract Data Requirements Lists, (CDRL) DD Form 1423:

A001

A002

A003

A004

The performance standards and surveillance methods for this task are listed in the QASP.

6.0 SPECIAL CONSIDERATION

6.1 GOVERNMENT FURNISHED RESOURCES

In support of tasks 4.4.1, 4.4.2, 4.4.3, 4.4.4, 4.4.5, NAWCAD will provide use of the following laboratories and other government furnished equipment or reports and data as needed.

Scanning Electron Microscope and Transmission Electron Microscope Laboratory and the equipment contained therein.

Operational Chemicals Laboratory and the equipment contained therein.

Surface Interactions Laboratory and the equipment contained therein.

Composites Technology Laboratory and the equipment contained therein.

Inorganic Coating Laboratory and the equipment contained therein.

Nondestructive Testing and Inspection Laboratory and the equipment contained therein.

6.2 PLACE OF PERFORMANCE

Tasks shall be performed at the contractor's facility, NAWCADPAX, within the appropriate, approved NAWCADPAX laboratories, or at authorized travel/visit sites. Face-to-face meetings will be required with necessitate a quick response and turn around. The contractor shall have offices located within a surface daily commute of NAWCADPAX.

7.0 TRAVEL REQUIREMENTS

Travel to various locations will be required for contract performance.

8.0 PERSONNEL QUALIFICATIONS

The offeror is required to provide personnel having the following minimum levels of professional and

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technical experience. These minimum qualifications are the baseline for determining technical acceptability in the personnel area; offerors should strive for technical excellence in personnel by demonstrating experience and qualifications beyond the minimum.

The specialized experience included, as part of the required qualifications shall be 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 seven (7) years.

Specialized experience is required in the fields of Air Vehicle Systems Engineering, Aeromechanics Structures, Materials, and Vehicle Subsystems, and engineering technology development associated with maritime and ship-based air vehicles.

Senior Systems Engineer – KEY

A Master's degree in an Engineering discipline is required along with a minimum of ten (10) years of experience in DOD R&D and systems acquisition relating to Air Vehicle Technology Systems in analyzing requirements, performing engineering duties, analysis and documentation. He or she must have experience in interpreting U.S. Navy policies and procedures for implementation of current DOD, don and NAVAIR TEAM management and program directives and instructions. The individual must be capable of understanding the U.S. Navy Weapons Systems Acquisition process and have the ability to effectively communicate verbally and in formal reports with higher authorities. He/she must have experience in Air Vehicle acquisition planning to include Acquisition Plan, CDD, CDP, , ASR, POA&Ms, AoA, and other mandated DOD 5000 requirements. Experience in performance of air vehicle of avionics performance and schedule risk assessment is required.

Senior Systems Engineer (Interface)

A Bachelor's degree in engineering, computer science, physics or equivalent is required along with a minimum of ten (10) years of experience in DOD R&D and systems acquisition relating to Naval Aircraft Systems in requirements analysis, technical specification development, design trade-off studies, functional allocation of hardware within system designs, development of interface designs. Experience in developing, specifying and testing integrated aircraft avionics systems architectures, aircraft display and control systems, GPS Navigation System, Stores Management Systems and data distributions system is required. Experience in establishing interface control requirements and in integrating communications and navigation subsystems to the MIL-STD-1553 database.

Senior Materials Engineer – KEY

A Master's degree in Materials Engineering is required along with a minimum of ten (10) years of experience in DOD and Air Vehicle R&D of composites, adhesives, sealants and other non-metals for new aircraft. Experience in providing guidance to resolve material characterization, processing, fabrication, manufacturing problems and unexpected failure of components or material coupons is required. Experience in direct interaction with vendors at their research and production facilities and ability to conduct laboratory experimentation is required. Experience in concept initiation, approach recommendation, application to Air Vehicle platform use and export control activities of composites technology is required. He or she must be capable of providing guidance relative to the manufacture and signature of counter-measure materials.

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Senior Engineer (Chemical Biological Radiological Protection Systems)

A Bachelor's degree in Mechanical Engineering is required along with a minimum of ten (10) years of experience in the analysis, design, and development of CBR detection, protection, and remediation systems. Experience in threat assessment and analysis, requirements definition, and system design, modification and test is required. Have knowledge and experience in the preparation of specifications and standards and in defining performance-based design requirements based on specific threat demands. He or she must have additional experience in acquisition support including the definition of requirements for maintenance, logistics support, training, quality assurance, safety, and production. Experience in fleet operations and liaison, accident investigations and mishap related to CBR protection and remediation.

Senior Metallographer – KEY

A minimum of eight (8) years experience is required in metallographic sample preparation, interpretation of microstructures and photo-documentation of aerospace materials including metals, ceramics and composites. Experience in macroscopic and microscopic photographic techniques in failure analysis investigations also is required.

Senior Materials Science Technician – KEY

A minimum of eight (8) years experience in performing corrosion testing of aerospace materials is required. Experience is required in salt fog and immersion testing that simulates the corrosion effects of the Navy's aircraft carrier environment. Expertise and direct experience with pretreatment and inorganic coatings for aerospace materials is required.

Material Science Technician

A minimum of three (3) years experience related to the attached SOW including laboratory support related to RDT&E of aerospace materials.

Senior Structural Engineer – KEY

A Master's degree in Mechanical Engineering is required along with a minimum of ten (10) years of experience in DOD Air Vehicle R&D and fleet support in performing and developing methods to perform loads, stress, fatigue, and other structural analyses and apply these analyses to the design and application to naval aircraft systems. Experience in analyzing problems related to the dynamic loads experienced by existing sea-based aircraft such as F-18, and E-2C is required. Experience in establishing policies, procedures and engineering processes for areas such as stress analysis, fatigue analysis, fracture mechanics analysis related to airframe structural integrity is required. The individual must have experience in developing requirements to establish or improve dynamic landing loads analysis capability and have recent experience in use and evaluation of software tools that support this analysis area. In lieu of a Master's degree a Bachelor's degree in Mechanical Engineering with a minimum of fifteen (15) years experience in performing dynamic loads analysis and providing solutions to aircraft structural integrity problems.

Senior Aeronautical Engineer - KEY

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A Master's degree in Engineering is required along with a minimum of eight (8) years of engineering experience which relates to the attached SOW with specific experience in military aircraft design criteria including airships, knowledge of analysis, methods and procedures for safe-life, fail-safe and tolerant aircraft designs. In lieu of a Master's Degree, a Bachelor's Degree in Aeronautical Engineering or equivalent with a minimum of 15 years total aeronautical engineering experience in Air Vehicle programs, which relate to the attached SOW is required.

Senior Hydraulics Engineer - KEY

A Bachelor's degree in Mechanical Engineering is required along with a minimum of ten (10) years experience in the design and development of advanced hydraulics systems and components for naval aircraft systems and ancillary equipment. The ability to conduct analyses, investigations, and system development tasks as well as critique existing and proposed designs is required. Be able to provide engineering support to solve fleet problems and conduct testing, evaluation and failure analysis. Have extensive expertise in the knowledge and preparation of specifications and standards and in defining performance-based design requirements based on aircraft-specific mission demands. Experience in conducting mishap investigations related to hydraulics systems is required.

Senior Mechanical Engineer - KEY

A Bachelor's degree in Mechanical Engineering is required along with a minimum of ten (10) years experience in mechanical subsystems including fasteners, actuators, emergency lighting, fire protection systems, and other mechanical systems described in the statement of work. The experience required includes the ability to conduct analysis, design, and development tasks and experience in critiquing existing and proposed designs. Have extensive expertise in the knowledge and preparation of specifications and standards and in defining performance-based design requirements based on aircraft-specific mission demands. Engineering support experience aimed at analyzing fleet problems, conducting comprehensive test, evaluation and failure analysis, the design and introduction of equipment to the fleet is required.

Senior Engineer (Fuel and Air Refueling Systems) – KEY

A Bachelor's degree in Mechanical Engineering is required along with a minimum of ten (10) years experience in fluid based subsystems. This experience must include the design and development of advanced fuel and re-fueling systems for naval aircraft, and the development of high-level data packages acceptable for competitive production. The ability to conduct analyses, investigations, and system development tasks as well as critique existing and proposed designs is required. Be able to provide engineering support to solve fleet problems and conduct testing, evaluation and failure analysis. Have extensive expertise in the knowledge and preparation of specifications and standards and in defining performance-based design requirements based on aircraft-specific mission demands. Experience in conducting mishap investigations related to fuel and fluid systems is required. He/she must also be able to specify laboratory and other test criteria necessary to properly evaluate component and system design changes. Capabilities should also include the evaluation of in-service equipment and preparation of specification modification and technically support design reviews.

Senior Aerodynamics Engineer – KEY

A Master's degree in Engineering is required along with a minimum of seven (7) years experience in Air

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Vehicle R&D of aerodynamic characterization and performance analysis. Experience in fixed wing, as well as rotary wing vehicles associated with fighter, attack and surveillance missions is required. Experience in the complete build-up of configuration and component aerodynamic coefficients in addition to the development of methods to predict the aerodynamics and performance characteristics of configurations is necessary. In lieu of a Master's degree, a Bachelor's degree in Aerospace Engineering or equivalent with a minimum of fifteen (15) years experience in the development of aerodynamic characteristics and performance analysis of complete configurations is required.

Senior Engineer (Computational Fluid Dynamics)

A Master's degree in Aerospace Engineering is required along with a minimum of five (5) years experience in the application of Euler and Navier-Stokes analysis to full, complex configurations such as a fighter aircraft. In addition, experience in the analysis of detailed flow physics involving viscous dominated, separated flow is required. Complete capability of developing grids for full, complex configurations as well as for detailed components is required. Experience in post-processing of data is also required. In lieu of a Master's degree, a Bachelor's degree in Aerospace Engineering with 10 years of experience in conducting computational analysis using Euler and Navier-Stokes methods for complete, complex configurations is required.

Senior Engineer (Flight Mechanics) – KEY

A Ph.D. with three (3) years total experience or a Master's degree with four (4) years total experience or Bachelor's degree with eight (8) years of total experience in Aeronautical or Electrical or Mechanical Engineering, or Computer Science or Mathematics. Experience must encompass development and application of linear and nonlinear math models for aircraft and weapon simulation and dynamic systems, application of system identification techniques to validate vehicle dynamic models, analysis of the sensitivity of the identification parameters to errors in the instrumentation system, evaluation of sensor systems as to their state and parameter estimation capabilities, and application of simulation to cockpit interfacing technique for flight simulation. A thorough understanding of large data acquisition and processing systems, minicomputers and microprocessors is required from both the operations level to the modification and installation of new peripherals software drivers. Expertise and direct experience with high-level computer languages and data base management codes using both hierarchical and relational schema is required.

Engineer (Flight Mechanics)

A Ph.D. with no experience, Master's degree with one (1) year total experience, or Bachelor's degree with two (2) years of total experience in Aeronautical or Electrical Engineering, or Computer Science or Mathematics is required. Experience must encompass development and application of linear and nonlinear math models for aircraft and weapon simulation and dynamic systems, application of system identification techniques to validate vehicle dynamic models, analysis of the sensitivity of the identification parameters to errors in the instrumentation system, evaluation of sensor systems as to their state and parameter estimation capabilities, and application of simulation to cockpit interfacing technique for flight simulation. A thorough understanding of large data acquisition and processing systems, minicomputers and microprocessors is required from both the operations level to the modification and installation of new peripherals software drivers. Expertise and direct experience with high-level computer languages and data base management codes using both hierarchical and relational schema is required.

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Senior Engineer (Guidance and Control) – KEY

A Ph.D. with three (3) years total experience or a Master's degree with four (4) years total experience or Bachelor's degree with eight (8) years of total experience in Aeronautical or Electrical Engineering, or Computer Science or Mathematics. Work experience must encompass development and application of optimal control theory, data filtering and prediction, frequency domain methods for analysis and synthesis of multivariable estimators and feed back controllers, dynamic systems modeling/analysis, multivariable feed back and system theory, optimal/digital control of dynamic systems, numerically stable algorithms for control/estimation, model validation, control of flexible structures and multivariable robust servomechanism controls.

Senior Engineer (Structural Materials) – KEY

A Bachelors degree in Metallurgical or Materials engineering is required along with a minimum of ten (10) years of experience in DOD And Naval Systems R&D of high strength steel and aluminum alloys. Experience in providing guidance in materials selection, characterization, manufacturing process, and failure analysis of components and coupons is required. Direct experience with vendors at their research and production facilities and the ability to conduct laboratory investigations is required.

Senior Engineer (Propulsion Materials) - KEY

A Master's degree in Materials Engineering is required along with minimum of seven (7) years of experience in DOD and Systems R&D of propulsion materials. Experience in providing guidance in materials selection, characterization, manufacturing problems, and failure analysis of components and materials coupons is required. Experience in direct interaction with vendors at their research and production facilities and the ability to conduct laboratory experimentation is required.

Senior Engineer (Simulation Modeling)

A Bachelor's degree in aerospace engineering with supplemental training in computer science is required along with a minimum of seven (7) years of experience in the development, validation, and integration of six degree-of-freedom (6DOF) flying qualities simulations. A working knowledge of FORTRAN, VISUAL BASIC, and C programming languages is required along with experience in maintaining, documenting, and updating software versions.

Scientist (Electro-Optics)

A Bachelor's degree in electro-optics, optics, physics or related science is required along with a minimum of three (3) years of experience in the design, development, and operation of laboratory instrumentation to perform nondestructive characterization of smart materials. Experience in evaluation of items such as micro-electromechanical sensors and active piezoelectric and inactive polymer transducers are required. The ability to analyze complex wave propagation and boundary reflections detected in active samples under examination using laser interferometric techniques is required. Experience is designing changes to laboratory optical measurement instrumentation to accommodate nonstandard size test samples is required.

Chemical Engineer – KEY

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A Bachelor's degree in chemical engineering or chemistry is required along with a minimum of five (5) years experience for the formulation, laboratory testing and specification of compounds used for dry cleaning of electronic components and for degreasing solvents. Experience developing laboratory test methods for conformance of products with military specifications for cleaners, avionics degreasers, cleaner/lubricants for electrical contacts, aircraft exterior cleaners is required. Experience with the Department of Navy programs to reduce or eliminate oxygen-depleting solvents from cleaners and Hazardous Materials from degreasers and exterior aircraft cleaners is required.

Engineer/Analyst

A Bachelor's degree in engineering, physical sciences, math or computer is required along with a minimum of four (4) years experience which relates to the attached SOW including analysis related to Navy RDT&E air platforms/subsystems.

Aerodynamics Engineer - KEY

A Master's degree in Aerospace Engineering is required along with a minimum of two (2) years experience in Air Vehicle R&D of aerodynamic characterization and performance analysis. Experience in fixed wing, as well as rotary wing vehicles associated with fighter, attack and surveillance missions is required. Experience in the complete build-up of configuration and component aerodynamic coefficients in addition to the development of methods to predict the aerodynamics and performance characteristics of configurations is necessary. In lieu of a Master's degree, a Bachelor's degree in Aerospace Engineering with a minimum of five (5) years experience in the development of aerodynamic characteristics and performance analysis of complete configurations is required.

NDI Specialist – KEY

A Bachelor's degree in engineering, physics, or an applied science is required along with a minimum of seven (7) years experience in performing nondestructive testing and inspection of components for new aircraft programs, in the development and verification of new methods of nondestructive testing. In lieu of a Bachelor's degree, a minimum of fifteen (15) years total experience in non-destructive testing and inspection applied to Naval aircraft materials is required. Experience in the application of nondestructive inspection techniques for use by Naval Aircraft Maintenance activities and in the training of special related techniques is required.

Senior Electronics Technician

An associate degree in engineering or a minimum of ten (10) years of experience is required in the maintenance of electronic equipment (digital/analog computers, control loaders, strip-chart recorders, etc.) used for aircraft simulation. A working knowledge of standard calibration procedures; aircraft simulation instruments; preventive maintenance and diagnostics techniques is required.

Junior Engineer

A Bachelor's degree in engineering, physical sciences, mathematics, or computer sciences is required along with a minimum of three (3) years experience related to the attached SOW including analysis related to Navy RDT&E air platforms/subsystems is required.

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Computer Scientist

A Bachelor's degree in computer science, mathematics, or engineering technology is required along with a minimum of five (5) years experience in scientific computer programming. A working knowledge of PC, MAC, SGI, VAX computers, network administration, and FORTRAN, VISUAL BASIC, and C programming languages is required.

Programmer/Analyst

A Bachelor's degree in Computer Science or Mathematics is required with at least one year of total experience with high level computer languages and data base management codes using both hierarchical and relational schema. A thorough understanding of large data acquisition and processing systems, minicomputers and microprocessors is required from both the operation level to the modification and installation of new peripheral software drivers. Expertise and direct experience with high-level computer languages and data base management codes using both hierarchical and relational schema is required.

Computer Programmer

An Associates Degree in computer science, mathematics, or engineering technology is required along a minimum of three (3) years experience in scientific computer programming. In lieu of a degree, a total of five (5) years of experience in computer programming is required.

Technical Editor/Writer

A Bachelor's degree in English, technical or creative writing is required along with a minimum of three (3) years experience performing technical writing and editing in the DOD environment. Experience and a detailed working knowledge with air vehicle systems terminology, DOD acronyms, government document styles, warfare and technology product areas, and reference requirements are required.

Senior Technical Data Specialist

A minimum of five (5) years of recent and SOW relevant experience in the DOD environment formulating data into spreadsheets, databases and reports is required. A working knowledge with Air Vehicle technology technical terminology, DOD acronyms, Government document styles, warfare and technology product line areas, and reference requirements is required. Supplementary training in software packages for spreadsheets, databases, graphical presentations, and report preparation is desirable.

Data Technician

A minimum of three (3) years of recent and relevant experience in a DOD environment is required. Specific experience shall include developing, formatting, and compiling data on Navy RDT&E air platforms/subsystems and technology programs.

Coatings Specialist – KEY

A Bachelor's degree in engineering, physical sciences, mathematics, or computer science and a minimum of four (4) years experience relating to the preparation, application, and analysis of high-

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performance organic and inorganic coatings for aerospace research and development programs. In lieu of a degree, a minimum of eight (8) years experience is acceptable. The ability to prepare technical reports on research and development efforts is required. Experience with developing novel laboratory test methods, procedures, and specifications are required. Experience with aviation programs to reduce or eliminate the hazardous content of organic coatings is required.

Project Analyst

A Bachelor's degree is required plus a minimum of five (5) years experience in performing Air Vehicle program/project management support to include project/program planning, configuration/data management, maintenance of technical libraries, and Air Vehicle data base management. In lieu of a degree, a minimum of ten (10) years of experience is acceptable.

Composites Specialist – KEY

A Bachelor's degree in Materials Engineering is required along with a minimum of seven (7) years of experience with aerospace polymeric composite materials. Experience in the development, certification, and qualification of advanced composite materials and processes are required. Experience in direct interaction with vendors at their research and production facilities and ability to conduct laboratory experimentation is required. In lieu of a degree a total of twelve (12) years experience in the development, certification, manufacture, and production scale-up of advanced polymeric composites for aerospace applications is required.

Cryogenics Specialist

A Bachelors degree in engineering is required along with a minimum of five (5) years experience in the management, development, acquisition, overhaul, and repair of cryogenic support equipment. Direct experience in writing requirements specifications, support equipment changes, engineering change proposals, and other documentation required to introduce cryogenic equipment into the fleet. In lieu of a degree a total of twelve (12) years experience in the development and acquisition of equipment for naval aviation is required. Direct fleet operational experience is desired.

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SECTION D PACKAGING AND MARKING

5252.247-9507 PACKAGING AND MARKING OF REPORTS (NAVAIR) (OCT 2005)

(a) All unclassified data shall be prepared for shipment in accordance with best commercial practice. Classified reports, data and documentation, if any, shall be prepared for shipment in accordance with the National Industry Security Program Operating Manual, DoD 5220.22-M.

(b) The contractor shall prominently display on the cover of each report the following information:

- (1) Name and business address of contractor.
- (2) Contract Number/Delivery/Task order number.
- (3) Contract/Delivery/Task order dollar amount.
- (4) Whether the contract was competitively or non-competitively awarded.
- (5) Name of sponsoring individual.
- (6) Name and address of requiring activity.

5252.247-9508 PROHIBITED PACKING MATERIALS (NAVAIR) (JUN 1998)

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

5252.247-9514 TECHNICAL DATA PACKING INSTRUCTIONS (NAVAIR) (SEP 1999)

Technical Data and Information shall be packed and packaged for domestic shipment in accordance with best commercial practices. The package or envelope should be clearly marked with any special markings specified in this contract (or delivery/task order), e.g., Contract Number, CLIN, Device No., and document title must be on the outside of the package. Classified reports, data and documentation, if applicable, shall be prepared for shipment in accordance with Defense Industrial Manual for Safeguarding Classified Information, DoD 5520.22M.

All Deliverables shall be packaged and marked IAW Best Commercial Practice.

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SECTION E INSPECTION AND ACCEPTANCE

5252.246-9514 INSPECTION AND ACCEPTANCE OF TECHNICAL DATA AND INFORMATION (NAVAIR) (FEB 1995)

Inspection and acceptance of technical data and information will be performed by the Procuring Contracting Officer (PCO) or his duly authorized representative. Inspection of technical data and information will be performed by ensuring successful completion of the requirements set forth in the DD Form 1423, Contract Data Requirements List (CDRL) and incorporation/resolution of Government review comments on the data items. Acceptance will be evidenced by execution of an unconditional DD Form 250, Material Inspection and Receiving Report, as appropriate.

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SECTION F DELIVERABLES OR PERFORMANCE

CLIN - DELIVERIES OR PERFORMANCE

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

1000	2/19/2008 - 2/18/2009
1001	2/19/2009 - 12/3/2009
3000	2/19/2008 - 2/18/2009
3001	2/19/2008 - 2/18/2009
3002	2/19/2009 - 12/3/2009
3003	2/19/2009 - 12/3/2009
3004	2/19/2008 - 2/18/2009
3005	2/19/2009 - 12/3/2009
4000	12/4/2009 - 6/25/2010
4001	6/26/2010 - 6/25/2011
6000	12/4/2009 - 6/25/2010
6001	6/26/2009 - 6/25/2010
6002	6/26/2010 - 6/25/2011
6003	12/4/2010 - 12/3/2011
6006	12/4/2009 - 6/25/2010
6007	6/26/2010 - 6/25/2011

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

4002	6/26/2011 - 6/25/2012
6004	6/26/2011 - 6/25/2012
6005	6/26/2011 - 6/25/2012
6008	6/26/2011 - 6/25/2012

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

(a) The contract shall commence on 19 February 2008 and shall continue 18 February 2009. 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)

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Technical Data and Information shall be delivered in accordance with the requirements of the Contract Data Requirements List, DD Form 1423, Attachment 1, 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) PCO, Code 2.5.1.3

(2) ACO, Code S3915A

(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:

TOM:

Attn: Robert Kowalik
BLDG 2188 48066 Shaw Road
Patuxent River, MD 20670
robert.kowalik@navy.mil

PCO:

Attn: Patricia Cornett AIR 2.5.1.3
21983 Bundy Road Unit 7 BLDG 441
Patuxent River, MD 20670

ACO:

Attn: Steve Ratko
P.O. Box 11427
Philadelphia, PA 19111-0427
stephen.ratko@dcma.mil

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

The services to be performed herein shall be performed at the contractor's facility, NAS Patuxent River, MD, within the appropriate, approved NAS PAX laboratories, or at authorized travel/visit sites.

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SECTION G CONTRACT ADMINISTRATION DATA

Task Order Manager
Robert W. Kowalik, 4.3.4.1
Bldg 2188, 48066 Shaw Road
Patuxent River, MD 20670
robert.kowalik@navy.mil
301-342-8010

TASK ORDER MANAGER (TOM) APPOINTMENT (JUL 2005)

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

Name: Robert W. Kowalik

Code: 4.3.4.1

E-mail: robert.kowalik@navy.mil

Mailing Address: Bldg 2188, 48066 Shaw Road
Patuxent River, MD 20670

Telephone: 301-342-8010

(b) The TOM is responsible for those specific functions assigned in the Task Order Manager appointment letter.

(c) Only the Task Order Contracting Officer has the authority to modify the terms of the task order. Therefore, in no event will any understanding, agreement, modification, change order, or other matter deviating from the terms of the basic contract or this task order between the contractor and any other person be effective or binding on the Government. If, in the opinion of the contractor, an effort outside the existing scope of this task order is requested, the contractor shall promptly notify the Task Order Contracting Officer in writing. No action shall be taken by the contractor unless the Task Order Contracting Officer, PCO or ACO has issued a formal modification.

5252.232-9510 PAYMENT OF FIXED FEE (NAVAIR) (OCT 2005)

(a) The fixed fee, as specified in Section B of this contract, subject to any adjustment required by other provisions of this contract, will be paid in installments. The fixed fee will be paid not more frequently than monthly based on the allowable cost. The amount of each such installment shall be in the same ratio to the total fixed fee as the **net direct labor hours expended during the installment period is to direct labor hours specified in the clause entitled "Level of Effort"**. Payment shall be made in accordance with FAR Clauses 52.216-7, "Allowable Cost and Payment", and 52.216-8, "Fixed Fee".

(b) In the event of termination of the work in accordance with the FAR Clause 52.232-22, "Limitation of Funds", the fixed fee shall be redetermined by mutual agreement equitably to reflect the reduction of the work performed. The amount by which such fixed fee is less than or exceeds payments previously made on account of fee, shall be paid to (or repaid by) the contractor.

(c) The balance of the fixed fee shall be payable in accordance with other clauses of this contract.

(d) For indefinite delivery type contracts the terms of this clause apply to each delivery/task order there under.

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5252.232-9511 NOTICE OF REQUIREMENTS FOR PROMPT PAYMENT (NAVAIR) (MAR 2006)

The Government anticipates that this contract will be distributed to Defense Finance and Accounting Service (DFAS) by the DOD Electronic Document Access (EDA) system. DFAS is responsible for payment of contractor invoices.

(a) In accordance with FAR Clause 52.232-33 "Payment By Electronic Funds Transfer--Central Contractor Registration", the contractor is responsible for providing updated information to the Central Contractor Register (CCR) database. Additionally, the contractor is responsible for maintaining its active status in the CCR database.

(b) If the DUNS, CAGE code, TIN or address set forth in the contract do not match the information in the CCR, then DFAS will return invoices without payment. Therefore, it is imperative that the contractor ensure the DUNS, CAGE code, TIN and contractor address on the contract are accurate and in compliance with the CCR database. Additionally, any changes/updates made to the CCR database should be communicated to the Contracting Officer for the purpose of modifying the contract to reflect the new data.

5252.232-9513 INVOICING AND PAYMENT (WAWF) INSTRUCTIONS (NOV 2006)

(a) Invoices for goods received or services rendered under this contract shall be submitted electronically through Wide Area Work Flow – Receipt and Acceptance (WAWF):

(1) The vendor shall have their cage code activated by calling 866-618-5988. Once activated, the vendor shall self-register at the web site <https://wawf.eb.mil>. Vendor training is available on the Internet at <http://www.wawftraining.com>. Additional support can be obtained by calling the NAVY WAWF Assistance Line: 1-800-559-WAWF (9293).

(2) WAWF Vendor "Quick Reference" Guides are located at the following web site: <http://www.acquisition.navy.mil/navyaos/content/view/full/3521>.

(3) Select the invoice type within WAWF as specified below. Back up documentation (such as timesheets, etc.) can be included and attached to the invoice in WAWF. Attachments created in any Microsoft Office product are attachable to the invoice in WAWF. Total limit for the size of files per invoice is 5 megabytes.

(b) The following information, regarding invoice routing DODAAC's, must be entered for completion of the invoice in WAWF:

WAWF Invoice Type:	Cost Voucher
Issuing Office DODAAC	N00421
Admin Office DODAAC:	S3915A
Inspector DODAAC (usually only used when Inspector & Acceptor are different people):	N/A
Service Approver DODAAC	N00421
Local Processing Office (applicable if DFAS DoDAAC begins with an "N"):	N/A
DCAA Office DODAAC (Used on Cost Voucher's only):	HAA391
Paying Office DODAAC:	HQ0337

(c) Contractors approved by DCAA for direct billing will not process vouchers through DCAA, but may submit directly to DFAS. Final voucher submission will be approved by the ACO.

(d) For each invoice / cost voucher submitted for payment, the contractor shall also email the WAWF automated

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invoice notice directly to the following points of contact:

Name	Email	Phone	Role
Robert Kowalik	robert.kowalik@navy.mil	301-342-8010	TOM

5252.232-9524 ALLOTMENT OF FUNDS (NAVAIR) (OCT 2005)

(a) This contract is incrementally funded with respect to both cost and fee.

(b) The amounts presently available and allotted to this contract for payment of **fee**, as provided in the Section I clause of this contract entitled "FIXED FEE", are as follows:

See Allotments below

(c) The amounts presently available and allotted to this contract for payment of **cost**, subject to the Section I "LIMITATION OF FUNDS" clause, the items covered thereby and the period of performance which it is estimated the allotted amount will cover are as follows:

ITEM(S) ALLOTTED TO COST (BASE YEAR CLINs 1000, 3000, 3001, 3004):

Total Cost \$3,637,679.28
 Total Fee \$ 246,936.28
 Total Funding: \$3,884,615.56
 EST POP: 02/19/2008 through 02/18/2009

ITEM(S) ALLOTTED TO COST (OPTION PERIOD I CLINs 1001, 3002, 3003, 3005):

Total Cost: \$4,479,472.90
 Total Fee: \$ 312,271.75
 Total Funding: \$4,791,744.65
 EST POP: 02/19/2009 through 12/03/2009

ITEM(S) ALLOTTED TO COST (OPTION PERIOD II CLINs 4000, 6000, 6001, 6006):

Total Cost: \$4,649,180.20
 Total Fee: \$ 328,095.37
 Total Funding: \$4,977,275.57
 EST POP: 12/04/2009 through 06/01/2010

ITEM(S) ALLOTTED TO COST (OPTION PERIOD III CLINs 4001, 6002, 6003, 6007):

Total Cost: \$3,485,899.99
Total Fee: \$ 231,521.40
Total Funding: \$3,717,421.39
EST POP: 06/25/2010 through 04/09/2011

(d) The parties contemplate that the Government will allot additional amounts to this contract from time to time by unilateral contract modification, and any such modification shall state separately the amounts allotted for cost and for fee, the items covered thereby, and the period of performance the amounts are expected to cover.

FUNDING PROFILE

It is estimated that this modification's incremental funding will provide for **4,010 hours**.

The following details task order value and funding to date:

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BASE YEAR:

Total Task Order CPFF Value: \$3,884,615.56

Unfunded: \$0.00

Funding Available: \$3,884,615.56

OPTION YEAR I:

Total Task Order CPFF Value: \$4,791,744.65

Unfunded: \$0.00

Funding Available: \$4,791,744.65

OPTION YEAR II:

Total Task Order CPFF Value: \$4,977,275.57

Unfunded: \$0.00

Funding Available: \$4,977,275.57

OPTION YEAR III:

Total Task Order CPFF Value: \$5,325,617.99

Unfunded: \$1,608,196.60

Funding Available: \$3,717,421.39

5252.242-9511 CONTRACT ADMINISTRATION DATA (NAVAIR)(MAR 2007)

(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

<http://www.dod.mil/dfas/contractorpay/myinvoice.html>.

Accounting Data

SLINID	PR Number	Amount
100001	1300009474	20000.00
LLA :		
AA 97X4930 NH2A 252 77777 0 054219 2F 000000 / CC 011478860030 / CIN 001021738600001		

BASE Funding 20000.00
Cumulative Funding 20000.00

MOD 01

100002	1300100754	85000.00
LLA :		
AB 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01574 / CIN 130010075400001		

100003	1300100772	50000.00
LLA :		
AC 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01576 / CIN 130010077200001		

100004	1300100759	40000.00
LLA :		
AD 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01575 / CIN 130010075900001		

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100005 1300100751 20000.00
 LLA :
 AE 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01567 / CIN 130010075100001

100006 1300100752 12834.00
 LLA :
 AF 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01570 / CIN 130010075200001

300001 1300100754 10000.00
 LLA :
 AB 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01574 / CIN 130010075400001

300002 1300100751 1000.00
 LLA :
 AE 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01567 / CIN 130010075100001

300101 1300100759 10000.00
 LLA :
 AD 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01575 / CIN 130010075900001

300102 1300100751 4000.00
 LLA :
 AE 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01567 / CIN 130010075100001

MOD 01 Funding 232834.00
 Cumulative Funding 252834.00

MOD 02

100007 30000.00
 LLA :
 AG 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01946 / CIN 130010209700001

100008 26000.00
 LLA :
 AH 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01933 / CIN 130010202400001

100009 9000.00
 LLA :
 AJ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01986 / CIN 130010223300001

100010 36000.00
 LLA :
 AK 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01984 / CIN 130010223200001

100011 117000.00
 LLA :
 AL 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01936 / CIN 130010205400001

100012 55000.00
 LLA :
 AM 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01940 / CIN 130010205600001

100013 20000.00
 LLA :
 AN 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01943 / CIN 130010209100001

100014 22000.00
 LLA :
 AP 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01987 / CIN 130010223400001

100015 139500.00
 LLA :
 AQ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR02134 / CIN 130010261000001

300103 5000.00
 LLA :
 AH 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01933 / CIN 130010202400001

300104 1000.00
 LLA :
 AJ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01986 / CIN 130010223300001

300105 4000.00
 LLA :
 AK 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01984 / CIN 130010223200001

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300106 10000.00
 LLA :
 AL 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01936 / CIN 130010205400001

300107 3000.00
 LLA :
 AP 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR01987 / CIN 130010223400001

MOD 02 Funding 477500.00
 Cumulative Funding 730334.00

MOD 03

100016 200000.00
 LLA :
 AR 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR02412 / CIN 130010347000001

100017 148750.00
 LLA :
 AS 5783010 1184 720 10V02 2 000000 59 2CH000 000503000F03 000FSR012279PSR461549 503000
 / CIN 130010349700001

100018 10000.00
 LLA :
 AT 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR02410 / CIN 130010346800001

100019 64000.00
 LLA :
 AV 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR02407 / CIN 130010346500001

100020 45000.00
 LLA :
 AW 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR02406 / CIN 130010346200001

300003 386.00
 LLA :
 AU 1771319 W7KS 000 RAGIG 0 068342 2D 000000 / CC 09B09000FCT0 / CIN 130010349400001

300108 5000.00
 LLA :
 AW 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR02406 / CIN 130010346200001

MOD 03 Funding 473136.00
 Cumulative Funding 1203470.00

MOD 04

100021 106560.00
 LLA :
 AX 1781319 Y7FY 255 00019 0 050120 2D 000000 / CC HQ018PR05861 / CIN 130010349800001

100022 27504.00
 LLA :
 AY 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR03123 / CIN 130010587300001

100023 21312.00
 LLA :
 AZ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR02721 / CIN 130010457100001

100024 45000.00
 LLA :
 BA 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR03027 / CIN 130010546200001

100025 42516.00
 LLA :
 BB 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR02914 / CIN 130010512400001

100026 18768.00
 LLA :
 BC 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR02844 / CIN 130010493600001

100027 150144.00
 LLA :
 BD 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR02846 / CIN 130010493700001

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100028 18768.00
 LLA :
 BE 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC019PR02847 / CIN 130010493800001

300109 5000.00
 LLA :
 BA 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR03027 / CIN 130010546200001

300110 8500.00
 LLA :
 BB 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR02914 / CIN 130010512400001

300111 1000.00
 LLA :
 BC 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR02844 / CIN 130010493600001

300112 4000.00
 LLA :
 BD 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR02846 / CIN 130010493700001

MOD 04 Funding 449072.00
 Cumulative Funding 1652542.00

MOD 05

100029 192000.00
 LLA :
 BF 97X4930 NH3P 000 77777 0 066001 2F 8E0007 / CC D08WX00316AA / CIN 130010638500001

100030 58924.00
 LLA :
 BG 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR03234 / CIN 130010619600001

100031 56468.82
 LLA :
 BH 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR03732 / CIN 130010783300001

100032 50000.00
 LLA :
 BJ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC018PR03293 / CIN 130010638600001

100033 78840.00
 LLA :
 BK 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000001439 / CIN 130010862600001

100034 98208.00
 LLA :
 BL 1781506 U1CW 251 00019 0 050120 2D 000000 / CC HQ018PR07496 / CIN 130010686700001

100035 40000.00
 LLA :
 BM 1781319 W3DK 000 RA333 0 068342 2D 000000 / CC 09678000BCF0 / CIN 130010854800001

100036 24000.00
 LLA :
 BN 97 2008 0400.1101 SO 2008 08 8000 40603851D8Z 25GYH09LK6 NA 44213 00008735 Work CAT
 Code: 69900 Work CAT Elem Code: 99999 Initial Accting Class: 97 2008 0400.1101 08
 40603851D8Z CIN 1 30010796400001 MIPR #W74RDV81212462

100037 30600.00
 LLA :
 BP 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000001407 / CIN 130010862200001

100038 30000.00
 LLA :
 BQ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000001410 / CIN 130010862300001

100039 13600.00
 LLA :
 BR 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000001438 / CIN 130010862400001

300004 46000.00
 LLA :
 BS 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000001531 / CIN 130010862900001

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300113 11666.00
 LLA :
 BF 97X4930 NH3P 000 77777 0 066001 2F 8E0007 / CC D08WX00316AA / CIN 130010638500001

300114 10000.00
 LLA :
 BG 97X4930 NH2A 2555 77777 0 050120 2F 00000 / CC WC018PR03234 / CIN 130010619600001

300115 3531.18
 LLA :
 BH 97X4930 NH2A 255 77777 0 050120 2F 00000 / CC WC018PR03732 / CIN 130010783300001

300116 5000.00
 LLA :
 BK 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000001439 / CIN 130010862600001

300117 10000.00
 LLA :
 BL 1781506 U1CW 251 00019 0 050120 2D 000000 / CC HQ018PR07496 / CIN 130010686700001

300118 5000.00
 LLA :
 BM 1781319 W3DK 000 RA333 0 068342 2D 000000 / CC 09678000BCF0 / CIN 130010854800001

300401 13909.04
 LLA :
 BK 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000001439 / CIN 130010862600001

MOD 05 Funding 777747.04
 Cumulative Funding 2430289.04

MOD 06

100040 46000.00
 LLA :
 BS 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000001531 / CIN 130010862900001

100041 7000.00
 LLA :
 BT 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000003081 / CIN 130010881900001

100042 111538.00
 LLA :
 BV 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000003331 / CIN 130010883600001

100043 45840.00
 LLA :
 BW 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC WC0198PR03123 / CIN 130010587300002

300004 (46000.00)
 LLA :
 BS 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000001531 / CIN 130010862900001

300005 2500.00
 LLA :
 BT 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000003081 / CIN 130010881900001

300119 500.00
 LLA :
 BT 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000003081 / CIN 130010881900001

MOD 06 Funding 167378.00
 Cumulative Funding 2597667.04

MOD 07

100042 (111538.00)
 LLA :
 BV 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000003331 / CIN 130010883600001

MOD 07 Funding -111538.00
 Cumulative Funding 2486129.04

MOD 08

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100044 1300109496 27000.00
 LLA :
 BX 1781319 Y5EJ 251 00019 0 050120 2D 000000 / CC A00000008267 / CIN 130010949600001

100045 1300111852 250000.00
 LLA :
 BY 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000031699 / CIN 130011185200001

100046 1300111851 36000.00
 LLA :
 BZ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000031697 / CIN 130011185100001

100047 1300111854 14000.00
 LLA :
 CA 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000031721 / CIN 130011185400001

100048 1300111874 20400.00
 LLA :
 CB 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000031826 / CIN 130011187400001

100049 1300111856 10750.00
 LLA :
 CC 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000031728 / CIN 130011185600001

100050 1300111942 50000.00
 LLA :
 CD 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000032317 / CIN 130011194200001

100051 1300111786 36000.00
 LLA :
 CE 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000031150 / CIN 130011178600001

100052 1300110638 33659.07
 LLA :
 CF 1781319 U5CN 251 00019 0 050120 2D 000000 / CC A10000019041 / CIN 130011063800001

100053 1300111404 15308.00
 LLA :
 CG 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000027500 / CIN 130011140400001

100054 1300103637 193000.00
 LLA :
 CH 1781506 Y1CF 251 00019 0 050120 2D 000000 / CC HQ018PR05929 / CIN 130010363700001

100055 1300110930 253164.80
 LLA :
 CJ 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000022541 / CIN 130011093000001

100056 1300111158 105939.64
 LLA :
 CK 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000024723 / CIN 130011115800001

300006 1300103637 5000.00
 LLA :
 CH 1781506 Y1CF 251 00019 0 050120 2D 000000 / CC HQ018PR05929 / CIN 130010363700001

300007 1300110930 5000.00
 LLA :
 CJ 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000022541 / CIN 130011093000001

300120 1300109496 3000.00
 LLA :
 BX 1781319 Y5EJ 251 00019 0 050120 2D 000000 / CC A00000008267 / CIN 130010949600001

300121 1300111852 40000.00
 LLA :
 BY 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000031699 / CIN 130011185200001

300122 1300111851 6000.00
 LLA :
 BZ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000031697 / CIN 130011185100001

300123 1300111854 6000.00
 LLA :
 CA 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000031721 / CIN 130011185400001

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300124 1300111786 4000.00
 LLA :
 CE 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000031150 / CIN 130011178600001

300125 1300110638 1360.93
 LLA :
 CF 1781319 U5CN 251 00019 0 050120 2D 000000 / CC A10000019041 / CIN 130011063800001

300126 1300103637 10000.00
 LLA :
 CH 1781506 Y1CF 251 00019 0 050120 2D 000000 / CC HQ018PR05929 / CIN 13001036370001

300127 1300110930 5000.00
 LLA :
 CJ 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000022541 / CIN 130011093000001

300128 1300111158 10000.00
 LLA :
 CK 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000024723 / CIN 130011115800001

MOD 08 Funding 1140582.44
 Cumulative Funding 3626711.48

MOD 10

100057 1300111018 15000.00
 LLA :
 CL 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000023282 / CIN 130011101800001

100058 1300116402 12000.00
 LLA :
 CM 97X4930 NA2B 000 77777 0 065888 2F 8E0022 / CC 690AA8C40000 / CIN 130011640200001

100059 1300116263 30000.00
 LLA :
 CN 1791319 W2DB 000 RA353 0 068342 2D 000000 / CC 00001000AC20 / CIN 130011626300002

100060 1300116263 60000.00
 LLA :
 CP 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000078986 / CIN 130011626300001

300129 1300116263 2000.00
 LLA :
 CP 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000078986 / CIN 130011626300001

MOD 10 Funding 119000.00
 Cumulative Funding 3745711.48

MOD 11

100061 1300116607 111538.00
 LLA :
 CQ 97X4930 NH2A 255 77777 0 050120 2F 000000 Cost Code A00000082509 CIN 13001166070000
 1

MOD 11 Funding 111538.00
 Cumulative Funding 3857249.48

MOD 12

100062 1300118026 22366.08
 LLA :
 CR 1791319 U577 251 00019 0 050120 2D 000000 / CC A00000096524 / CIN 130011802600001

300130 1300118026 5000.00
 LLA :
 CR 1791319 U577 251 00019 0 050120 2D 000000 / CC A00000096524 / CIN 130011802600001

MOD 12 Funding 27366.08
 Cumulative Funding 3884615.56

MOD 13

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100101 1300119257 100100.00
 LLA :
 CS 1791319 Y5EJ 251 00019 0 050120 2D 000000 Cost Code A00000107558 CIN 13001192570000
 1

300301 1300119257 2000.00
 LLA :
 CS 1791319 Y5EJ 251 00019 0 050120 2D 000000 Cost Code A00000107558 CIN 13001192570000
 1

300501 1300119257 4000.00
 LLA :
 CS 1791319 Y5EJ 251 00019 0 050120 2D 000000 Cost Code A00000107558 CIN 13001192570000
 1

MOD 13 Funding 106100.00
 Cumulative Funding 3990715.56

MOD 15

100102 1300122287 50000.00
 LLA :
 CT 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000139647 / CIN 130012228700001;
 PMA 274 LIP PROGRAM

300302 1300122287 10000.00
 LLA :
 CT 97X4930 NH2A 252 77777 0 050120 2F 000000 // CC A00000139647 / CIN 130012228700001;
 PMA-274 LIP PROGRAM

MOD 15 Funding 60000.00
 Cumulative Funding 4050715.56

MOD 16

100103 1300122873 179840.00
 LLA :
 CU 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000145049/ CIN 130012287300001; P
 -8A ESOH PROGRAM

100104 1300122530 103160.00
 LLA :
 CV 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000141460/ CIN 130012253000002; 4
 .3 ECS & IPS SUPPORT

100105 1300122530 25000.00
 LLA :
 CW 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A10000141460 / CIN 130012253000001;
 4.3 ECS & IPS SUPPORT

100106 1300122530 141000.00
 LLA :
 CX 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A20000141460 / CIN 130012253000003;
 4.3 P-8A MMA SUPT

100107 1300122530 187200.00
 LLA :
 CY 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A30000141460 / CIN 130012253000004;
 4.3 P-8A AIRFRAME

100108 1300122530 247600.00
 LLA :
 CZ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A40000141460 / CIN 130012253000005; 4
 .3 P-8A STRUCT STGH FATG

100109 1300122530 29000.00
 LLA :
 DA 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A50000141460 / CIN 130012253000006;
 4.3 P-8A LOADS/DYNAMIC

300303 1300122530 10800.00
 LLA :
 CV 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000141460 / CIN 130012253000002;
 4.3 ECS & IPS SUPPORT

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300304 1300122530 1200.00
 LLA :
 CW 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A10000141460 / CIN 130012253000001;
 4.3 ECS & IPS SUPPORT

300305 1300122530 7800.00
 LLA :
 CX 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A20000141460 / CIN 130012253000003;
 4.3 P-8A MMA SUPT

300306 1300122530 10000.00
 LLA :
 CY 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A30000141460 / CIN 130012253000004;
 4.3 P-8A AIRFRAME

300307 1300122530 12000.00
 LLA :
 CZ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A40000141460 / CIN 130012253000005;
 4.3 P-8A STRUCT STGH FATG

300308 1300122530 2000.00
 LLA :
 DA 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A50000141460 / CIN 130012253000006;
 4.3 P-8A LOADS/DYNAMIC

MOD 16 Funding 956600.00
 Cumulative Funding 5007315.56

MOD 17

100110 1300122909 42000.00
 LLA :
 DB 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000145136 / CIN 130012290900001;
 434 P-3C ESOH PROGRAM

100111 1300122545 19000.00
 LLA :
 DC 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000141589 / CIN 130012254500001;
 434 NPRE TOPCOAT ASSMT

100112 1300122545 47500.00
 LLA :
 DD 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A10000141589 / CIN 130012254500002;
 434 ESTCP NEW COATING SYS

100113 1300122545 72000.00
 LLA :
 DE 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A20000141589 / CIN 130012254500003;
 434 DLA NEW COATING SYS

100114 1300122545 12000.00
 LLA :
 DF 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A30000141589 / CIN 130012254500004;
 434 SERDP NEW COATING SYS

100115 1300122545 10000.00
 LLA :
 DG 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A40000141589 / CIN 130012254500005;
 434 OSD SSQP NEW COATING SYS

100116 1300122545 19000.00
 LLA :
 DH 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A50000141589 / CIN 130012254500006;
 434 OSD PEDS NEW COATING SYS

100117 1300122546 40000.00
 LLA :
 DJ 179110627A0 250 00027 067443 2D M00088 08809RCGS199

100118 1300122546 200000.00
 LLA :
 DK 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A10000141643 / CIN 130012254600002;
 434 P-274 PROGRAM

100119 1300122546 23280.00
 LLA :

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DL 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A20000141643 / CIN 130012254600003;
434 P-3C ACOUSTICS

100120 1300122546 90000.00

LLA :

DM 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A30000141643 / CIN 130012254600004;
434 PROPULSION

300201 1300122546 10000.00

LLA :

DM 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A30000141643 / CIN 130012254600004;
434 PROPULSION

300309 1300122546 20000.00

LLA :

DK 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A10000141643 / CIN 130012254600002;
434 P-274 PROGRAM

MOD 17 Funding 604780.00
Cumulative Funding 5612095.56

MOD 18

100121 1300122909-0001 38043.40

LLA :

DN 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A10000145136 / CIN 130012290900002;
4.3 P-3C EP-X ESOH SUPPORT

100122 1300122909-00001 38000.00

LLA :

DP 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A20000145136 / CIN 130012290900003;
4.3 E-2C ESOH PROGRAM

100123 1300124859 31000.00

LLA :

DQ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000167306 / CIN 130012485900002;
4.3 BAMS NONDESTRUCTIVE INSPECT

100124 1300124859 16000.00

LLA :

DR 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A10000167306 / CIN 130012485900001;
4.3 NPPE SUPPORT EQUIP

100125 1300124859 150000.00

LLA :

DS 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A20000167306 / 130012485900003; 4.3
BAMS STRUCT ENG

100126 1300124859 80000.00

LLA :

DT 974930 NH2A 255 77777 0 050120 2F 000000 / CC A30000167306 / CIN 130012485900004 fo
r 4.3 NON-DEST Inspect & Wingplank

100127 1300124859 16000.00

LLA :

DU 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A40000167306 / CIN 130012485900006;
4.3 P-3C RADIATION SAFETY

100128 1300124859 45000.00

LLA :

DV 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A50000167306 / CIN 130012485900007;
4.3 P-3C UCAS-D NONDEST IN

MOD 18 Funding 414043.40
Cumulative Funding 6026138.96

MOD 19

100129 1300122287-0002 111980.00

LLA :

DW 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A30000139647 / CIN 130012228700006;
PMA274 RDT&E VH71

100130 1300122287-0002 40720.00

LLA :

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DX 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000139647 / CIN 130012228700007;
PMA274 LIP

300310 1300122287-0002 24410.00

LLA :

DW 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A30000139647 / CIN 130012228700006;
PMA274 RDT&E VH71

300311 1300122287-0002 2000.00

LLA :

DX 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000139647 / CIN 130012228700007;
PMA274 LIP

MOD 19 Funding 179110.00
Cumulative Funding 6205248.96

MOD 20

100131 1300127215 110000.00

LLA :

DY 1791319 W2DB 000 RA353 0 068342 2D 000000 / CC 00001000AC20 / CIN 130012721500000
01; 4.3.2.1 SAFEDI SPT

100132 1300127215 8283.00

LLA :

DZ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC 01001000AC20 / CIN 130012721500002;
4.3.4.1 F/A 18

100133 1300126294 39904.76

LLA :

EA 1791506 U1CW 251 00019 0 050120 2D 000000 / CC A00000184730 / CIN 130012629400001;
MV-22 APN-1

300202 1300127215 5500.00

LLA :

DY 1791319 W2DB 000 RA353 0 068342 2D 000000 / CC 00001000AC20 / CIN 130012721500001;
4.3.2.1 SAFEDI SUPT

300312 1300127215 4500.00

LLA :

DY 1791319 W2DB 000 RA353 0 068342 2D 000000 / CC 00001000AC20 / CIN 130012721500001;
4.3.2.1 SAFEDI SUPT

300313 1300126294 5500.00

LLA :

EA 1791506 U1CW 251 00019 0 050120 2D 000000 / CC A00000184730 / CIN 130012629400001;
MV-22 APN-1

300502 1300127215 5000.00

LLA :

DZ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC 01001000AC20 / CIN 130012721500002;
4.3.4.1 F/A 18

MOD 20 Funding 178687.76
Cumulative Funding 6383936.72

MOD 21

100134 1300126394 40000.00

LLA :

EB 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000186112 / CIN 130012639400001;
434 (4332 SUPPORT)

100135 1300124528 9100.00

LLA :

EC 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000163409 / CIN 130012452800001;
434 CORROSION/MAINT

100136 1300124528 19600.00

LLA :

ED 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A10000163409 / CIN 130012452800002;
434 CORROSION/MAINT

100137 1300124528 183900.00

LLA :

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EE 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A20000163409 / CIN 130012452800003;
434 CORROSION/MAINT

100138 1300124528 10200.00

LLA :

EF 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A30000163409 / CIN 130012452800004;
434 CORROSION/MAINT

100139 1300124528 10200.00

LLA :

EG 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A40000163409 / CIN 130012452800005;
434 CORROSION/MAINT

100140 1300124528 10000.00

LLA :

EH 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A50000163409 / CIN 130012452800006;
434 CORROSION/MAINT

MOD 21 Funding 283000.00
Cumulative Funding 6666936.72

MOD 22

100141 1300126792 90000.00

LLA :

EJ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000190973 / CIN 130012679200001;
4.3 SUPPORT

100142 1300126792 40000.00

LLA :

EK 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A10000190973 / CIN 130012679200002;
CH-53k 4.3.3

100143 1300128121 19143.00

LLA :

EL 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000203643 / CIN 130012812100001;
F/A-18 E/F ADHESIVES

100144 1300128121 19143.00

LLA :

EM 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A10000203643 / CIN 130012812100002;
EA-18G NON-METALLIC

100145 1300128121 153147.00

LLA :

EN 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A20000203643 / CIN 130012812100003;
F/A-18 E/F NON-METALLIC

100146 1300128122 20000.00

LLA :

EP 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000203646 / CIN 130012812200001;
P274 BLUE RIBBON PANEL

300314 1300126792 10000.00

LLA :

EK 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A10000190973 / CIN 130012679200002;
CH-53k 4.3.3

300315 1300128121 2000.00

LLA :

EM 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A10000203643 / CIN 130012812100002;
EA-18G NON-METALLIC

300316 1300128121 4000.00

LLA :

EN 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A20000203643 / CIN 130012812100003;
F/A-18 NON-METALLIC

300503 1300126792 5000.00

LLA :

EJ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000190973 / CIN 130012679200001;
4.3 SUPPORT

300504 1300128121 5000.00

LLA :

EN 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A20000203643 / CIN 130012812100003;

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F/A-18 E/F NON-METALLIC

MOD 22 Funding 367433.00
Cumulative Funding 7034369.72

MOD 23

100129 1300122287-0002 (111980.00)
LLA :
DW 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A30000139647 / CIN 130012228700006;
PMA274 RDT&E VH71

100147 1300130142 75000.00
LLA :
EQ 97X4930 NH2A 255 77777 0 050120 2F 000000 Cost Code A00000225789 CIN 13001301420000
1 for PMA 290

100148 1300130142 25000.00
LLA :
ER 97X4930 NH2A 255 77777 0 050120 2F 000000 Cost Code A10000225789 CIN 13001301420000
2 for PMA290

100149 1300130142 15000.00
LLA :
ES 97X4930 NH2A 255 77777 0 050120 2F 000000 Cost Code A20000225789 CIN 13001301420000
3 for PMA290

100150 1300122287-0003 111980.00
LLA :
ET 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A00000139647 CIN 13001222870000
9

100151 1300128670 40000.00
LLA :
EU 97X4930 NH2A 255 77777 0 050120 2F 000000 Cost Code A00000209708 CIN 13001286700000
1 for AIR 4.3

300203 1300128670 16000.00
LLA :
EV 97X4930 NH2A 255 77777 0 050120 2F 000000 Cost Code A10000209708 CIN 13001286700000
2 for AIR 4.3

300204 1300128670 10000.00
LLA :
EW 97X4930 NH2A 255 77777 0 050120 2F 000000 Cost Code A20000209708 CIN 13001286700000
3 for AIR 4.3

300205 1300128670 2695.00
LLA :
EX 97X4930 NH2A 255 77777 0 050120 2F 000000 Cost Code A30000209708 CIN 13001286700000
4 for AIR 4.3

300310 1300122287-0002 (24410.00)
LLA :
DW 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A30000139647 / CIN 130012228700006;
PMA274 RDT&E VH71

300317 1300122287-0003 24410.00
LLA :
ET 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A00000139647 CIN 130012228700000

MOD 23 Funding 183695.00
Cumulative Funding 7218064.72

MOD 24

100152 1300129894 33831.31
LLA :
EY 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A00000223102 / CIN 130012989400001

100153 1300129894 21035.85
LLA :
EZ 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A10000223102 / CIN 130012989400002

300505 1300129894 4022.33

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LLA :
EZ 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A10000223102 / CIN 130012989400002

MOD 24 Funding 58889.49
Cumulative Funding 7276954.21

MOD 25

100154 1300126294-0001 28800.00
LLA :
FA 1791506 U1CW 251 00019 0 050120 2D 000000 CC A00000184730 / CIN 130012629400002

MOD 25 Funding 28800.00
Cumulative Funding 7305754.21

MOD 26

100155 1300131599 7500.00
LLA :
FB 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A00000242569 / CIN 130013159900001

MOD 26 Funding 7500.00
Cumulative Funding 7313254.21

MOD 27

100156 1300133771 48000.00
LLA :
FC 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A00000262363 / CIN 130013377100001

300318 1300133771 6000.00
LLA :
FC 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A00000262363 / CIN 130013377100001

MOD 27 Funding 54000.00
Cumulative Funding 7367254.21

MOD 28

100103 1300122873 (360.00)
LLA :
CU 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A00000145049/ CIN 130012287300001; P
-8A ESOH PROGRAM

100157 1300134870 9410.00
LLA :
FE 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A00000276966 / CIN 130013487000001
Program AIR 4.3

100158 1300134870 37600.00
LLA :
FF 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A10000276966 / CIN 130013487000002
Program AIR 4.3

100159 1300134870 55800.00
LLA :
FG 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A20000276966 / CIN 130013487000003
Program AIR 4.3

100160 1300134870 9410.00
LLA :
FH 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A30000276966 / CIN 130013487000004
Program AIR 4.3

100161 1300134870 9410.00
LLA :
FJ 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A40000276966 / CIN 130013487000005
Program AIR 4.3

100162 1300134870 9410.00
LLA :
FK 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A50000276966 / CIN 130013487000006
Program AIR 4.3

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100163 1300134870 22600.00
 LLA :
 FL 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A60000276966 / CIN 130013487000007
 Program AIR 4.3

100164 1300134870 18800.00
 LLA :
 FM 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A70000276966 / CIN 130013487000008
 Program AIR 4.3

100165 1300134870 10200.00
 LLA :
 FN 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A80000276966 / CIN 130013487000009
 Program AIR 4.3

100166 1300134870 5000.00
 LLA :
 FP 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A90000276966 / CIN 130013487000010
 Program AIR 4.3

100167 1300134870 7000.00
 LLA :
 FQ 97X4930 NH2A 255 77777 0 050120 2F 000000 CC B00000276966 / CIN 130013487000011
 Program AIR 4.3

300206 1300134585 26500.00
 LLA :
 FD 97X4930 NH2A 255 77777 0 050120 2F 000000 CC A00000274048 / CIN 130013458500001
 Program AIR 4.3

MOD 28 Funding 220780.00
 Cumulative Funding 7588034.21

MOD 29

100168 1300135615 460000.00
 LLA :
 FR 1791804 4A4N 251 00019 0 050120 2D 000000 COST CODE A00000286297 CIN 130013561500000
 1 FOR AIR-1.0

100169 1300130748 63500.00
 LLA :
 FS 97X4930 NH2A 255 77777 0 020120 2F 000000 COST CODE A00000234007 CIN 130013074800000
 1 FOR AIR-4.3.5.1

100170 1300130748 12000.00
 LLA :
 FT 97X4930 NH2A 255 77777 0 050120 2F 000000 COST CODE A10000234007 CIN 130013074800000
 2 FOR AIR-4.3.5.1

100171 1300130748 36500.00
 LLA :
 FU 97X4930 NH2A 255 77777 0 050120 2F 000000 COST CODE A20000234007 CIN 130013074800000
 4 FOR AIR-4.3.5.1

300207 1300135615 10000.00
 LLA :
 FR 1791804 4A4N 251 00019 0 050120 2D 000000 COST CODE A00000286297 CIN 130013561500000
 1 FOR AIR-1.0

300319 1300130748 3500.00
 LLA :
 FU 97X4930 NH2A 255 77777 0 050120 2F 000000 COST CODE A20000234007 CIN 130013074800000
 4 FOR AIR-2.3.5.1

300320 1300135615 20000.00
 LLA :
 FR 1791804 4A4N 251 00019 0 050120 2D 000000 COST CODE A00000286297 CIN 130013561500000
 1 FOR AIR-1.0

MOD 29 Funding 605500.00
 Cumulative Funding 8193534.21

MOD 30

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100172 1300135931 10000.00
 LLA :
 FV 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A00000289638 CIN 13001359310000
 1 for AIR 4.3.4.2.0.0.A

100173 1300135931 15000.00
 LLA :
 FW 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A10000289638 CIN 13001359310000
 2 for AIR 4.3.4.2.0.0.A

100174 1300135894 280000.00
 LLA :
 FX 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A00000288970 CIN 13001358940000
 1 for AIR 4.3.4.1.0.0.A

MOD 30 Funding 305000.00
 Cumulative Funding 8498534.21

MOD 31

100126 1300124859 (30000.00)
 LLA :
 DT 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A30000167306 / CIN 130012485900004;
 4.3 NON-DEST INSPECT & WINGPLANK

100175 1300124859 30000.00
 LLA :
 FY 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A30000167306 / CIN 130012485900005;
 4.3 NON-DEST INSPECT & WINGPLANK

MOD 31 Funding 0.00
 Cumulative Funding 8498534.21

MOD 32

100176 1300130748-0002 10000.00
 LLA :
 FZ 97X4930 NH2A 255 77777 0 050120 2F 000000 / CC A40000234007 / CIN 130013074800006
 For AIR-4.3.5.2

MOD 32 Funding 10000.00
 Cumulative Funding 8508534.21

MOD 33

100177 1300136383 89711.00
 LLA :
 GA 1791319 U5WF 251 00019 0 050120 2D 000000 / CC A00000295959 / CIN 130013638300001

100178 1300138545 60884.00
 LLA :
 GB 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000316978 / CIN 130013854500001

300208 1300136383 15295.00
 LLA :
 GC 1791319 U5WF 251 00019 0 050120 2D 000000 / CC A00000295959 / CIN 130013638300003

300321 1300136383 1936.00
 LLA :
 GD 1791319 U5WF 251 00019 0 050120 2D 000000 / CC A00000295959 / CIN 130013638300004

MOD 33 Funding 167826.00
 Cumulative Funding 8676360.21

MOD 34

400001 1300140704 86400.00
 LLA :
 GE 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000331760 / CIN 130014070400001

400002 1300138500 18401.96
 LLA :

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GF 97-11X8242 2858 000 74582 0 065916 2D PTWB44 / CC 802381270SEG / CIN 13001385000000
2

600001 1300140704 48155.00
LLA :
GE 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000331760 / CIN 130014070400001

MOD 34 Funding 152956.96
Cumulative Funding 8829317.17

MOD 35

400003 1300141194 22000.00
LLA :
GG 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000335758 / CIN 130014119400001

400004 1300141630 244000.00
LLA :
GH 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000339151 / CIN 130014163000001

600002 1300141194 1000.00
LLA :
GG 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000335758 / CIN 130014119400001

600101 1300141194 2000.00
LLA :
GG 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000335758 / CIN 130014119400001

MOD 35 Funding 269000.00
Cumulative Funding 9098317.17

MOD 36

400005 1300142782 99000.00
LLA :
GJ 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A00000347241 CIN 13001427820000
1
Program PMA 290 P-8A McNamara

400006 1300142782 19300.00
LLA :
GK 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A10000347241 CIN 13001427820000
2
Program PMA 290 P-8A McNamara

400007 1300142782 117800.00
LLA :
GL 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A20000347241 CIN 13001427820000
3
Program PMA 290 P-8A McColl

400008 1300142782 125000.00
LLA :
GM 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A30000347241 CIN 13001427820000
4
Program PMA 290 P-8A Various

400009 1300142782 10000.00
LLA :
GN 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A40000347241 CIN 13001427820000
5
Program PMA 290 P-8A Plakos

400010 1300142782 10000.00
LLA :
GP 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A50000347241 CIN 13001427820000
6
Program PMA 290 P-8A Brown

400011 1300142782 95000.00
LLA :
GQ 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A60000347241 CIN 13001427820000
7
Program PMA 290 P-8A NEPA

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400012 1300142782 60000.00
 LLA :
 GR 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A70000347241 CIN 13001427820000
 8
 Program PMA 290 P-8A PESHE

400013 1300142782 31248.00
 LLA :
 GS 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A80000347241 CIN 13001427820000
 9
 Program PMA 290 P-8A Porcelli

600102 1300142782 10000.00
 LLA :
 GK 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A10000347241 CIN 13001427820000
 2
 Program PMA 290 P-8A McNamara

600103 1300142782 12200.00
 LLA :
 GL 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A20000347241 CIN 13001427820000
 3
 Program PMA 290 P-8A McColl

600104 1300142782 5000.00
 LLA :
 GM 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A30000347241 CIN 13001427820000
 4
 Program PMA 290 P-8A Various

MOD 36 Funding 594548.00
 Cumulative Funding 9692865.17

MOD 37

400014 1300141999 56860.00
 LLA :
 GT 1701506 Y1A1 251 00019 0 050120 2D 000000 / CC A00000342045 / CIN 130014199900001
 Program E2D Air Vehicle Sabre

400015 1300143882 100000.00
 LLA :
 GU 9700400 1101 S02 01008 8 000306 03 716D8Z 25GY6LJ046NA 442130000873569900999 002010
 CIN 130014388200004
 Program AIR 4.3.4.3 SWRI

400016 1300143882 12954.00
 LLA :
 GV 9790400 1101 S02 00908 8 000306 03 716D8Z 25GYCK48JFNA 4421300008735 044213 CIN 130
 014388200001
 Program AIR 4.3.4.3 SWRI

400017 1300143882 85051.00
 LLA :
 GV 9790400 1101 S02 00908 8 000306 03 716D8Z 25GYCK48JFNA 4421300008735 044213 CIN 130
 014388200003
 Program AIR 4.3.4.3 SWRI

400018 1300141630-0001 69000.00
 LLA :
 GW 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000339151 / CIN 130014163000002
 Program AIR 4.3.1 NAVMAR BAMS

600105 1300141999 5000.00
 LLA :
 GT 1701506 Y1A1 251 00019 0 050120 2D 000000 / CC A00000342045 / CIN 130014199900001
 Program E2D Air Vehicle Sabre

600106 1300143882 5224.00
 LLA :
 GV 9790400 1101 S02 00908 8 000306 03 716D8Z 25GYCK48JFNA 4421300008735 044213 CIN 130
 014388200002
 Program AIR 4.3.4.3 SWRI

600107 1300141630-0001 12000.00
 LLA :

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GW 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000339151 / CIN 130014163000002
Program AIR 4.3.1 NAVMAR BAMS

600601 1300141999 4000.00

LLA :

GT 1701506 Y1A1 251 00019 0 050120 2D 000000 / CC A00000342045 / CIN 130014199900001

Program E2D Air Vehicle Sabre

MOD 37 Funding 350089.00

Cumulative Funding 10042954.17

MOD 38

400019 1300145764-0001 10800.00

LLA :

GX 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A30000368228 / CIN 130014576400004

Program AIR 4.3.4.1 Maintainer's Conference

400020 1300146068 19500.00

LLA :

GY 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000370606 / CIN 130014606800001

Program AIR 4.3 DDM Technical Workshop (\$17,000.00 for Senior Material Engineer and \$2,500.00 for Administrative personnel).

600108 1300146068 500.00

LLA :

GY 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000370606 / CIN 1300014606800001

Program AIR 4.3 DDM Technical Workshop

MOD 38 Funding 30800.00

Cumulative Funding 10073754.17

MOD 39

400021 1300145764-0001 129300.00

LLA :

GZ 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000368228 / CIN 130014576400001

Program AIR 4.3.4 Eng Tech Support (Lighttell)

400022 1300145764-0001 185000.00

LLA :

HA 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000368228 / CIN 130014576400002

Program AIR 4.3.4.6 NPPE (Rose/Beasley)

400023 1300145764-0001 13748.00

LLA :

HB 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A20000368228 / CIN 130014576400003

Program AIR 4.3.4 Eng Tech Support F/A-18 E/F Project

400024 1300147120 49672.00

LLA :

HC 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000378194 / CIN 130014712000001

Program AIR 4.3.4.2 ESTCP Support (Frank Pepe: \$29,804; Ed Lipnickas \$19,868)

400025 1300147120 15000.00

LLA :

HD 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000378194 / CIN 130014712000002

Program AIR 4.3.4.3 NDI ENG Support (Adriano Pugay: \$15,000)

600003 1300145764-0001 25000.00

LLA :

GZ 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000368228 / CIN 130014576400001

Program AIR 4.3.4 Eng Tech Support (Lighttell)

MOD 39 Funding 417720.00

Cumulative Funding 10491474.17

MOD 40

400026 1300147476 40000.00

LLA :

HE 1791319 W3DK 000 RA333 068342 2D 000000 Cost Code 09678000BCF0 CIN 130014747600002

Program AIR 4.3.4 NAVMAR M-65 / F-35 A/C apps

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400027 1300147476 38000.00
 LLA :
 HF 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A00000380067 CIN 13001474760000
 1
 Program AIR 4.3.4 NAVMAR BAMS

400028 1300147476 42000.00
 LLA :
 HG 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A10000380067 CIN 13001474760000
 3
 Program AIR 4.3.4 NAVMAR H-53K Support

400029 1300147504 30000.00
 LLA :
 HH 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A00000380328 CIN 13001475040000
 1
 Program AIR 4.3.4 P-3 (Woodall)

400030 1300147504 75000.00
 LLA :
 HH 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A00000380328 CIN 13001475040000
 2
 Program AIR 4.3.4 P-3 (Taylor)

400031 1300147504 38000.00
 LLA :
 HH 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A00000380328 CIN 13001475040000
 3
 Program AIR 4.3.4 P-3 (Dowling) VA Tech

400032 1300147504 75000.00
 LLA :
 HH 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A00000380328 CIN 13001475040000
 4
 Program AIR 4.3.4 P-3 (Tipps) UDRI

400033 1300147504 35000.00
 LLA :
 HH 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A00000380328 CIN 13001475040000
 5
 Program AIR 4.3.4 P-3 (Carlisle) TDA

400034 1300147504 210000.00
 LLA :
 HH 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A00000380328 CIN 13001475040000
 6
 Program AIR 4.3.4 P-3 (Lane) EPPS Aviation

600109 1300147476 5000.00
 LLA :
 HE 1791319 W3DK 000 RA333 068342 2D 000000 Cost Code 09678000BCF0 CIN 130014747600002
 Program AIR 4.3.4 NAVMAR M-65 / F-35 A/C apps

600110 1300147476 12000.00
 LLA :
 HF 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A00000380067 CIN 13001474760000
 1
 Program AIR 4.3.4 NAVMAR BAMS

600111 1300147476 8000.00
 LLA :
 HG 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A10000380067 CIN 13001474760000
 3
 Program AIR 4.3.4 NAVMAR H-53K Support

600112 1300147504 5000.00
 LLA :
 HH 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A00000380328 CIN 13001475040000
 2
 Program AIR 4.3.4 P-3 (Taylor)

600113 1300147504 5000.00
 LLA :
 HH 97X4930 NH2A 252 77777 0 050120 2F 000000 Cost Code A00000380328 CIN 13001475040000
 5
 Program AIR 4.3.4 P-3 (Carlisle) TDA

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MOD 40 Funding 618000.00
Cumulative Funding 11109474.17

MOD 41

400035 1300138545-0001 36700.00
LLA :
HJ 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000316978 / CIN 130013854500002
Program PMA 274 VH71 Support

400036 1300149303 40000.00
LLA :
HK 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000392074 / CIN 130014930300001
Program AIR 4.3.4 Eng Support (Lightell)

400037 1300149303 303160.00
LLA :
HL 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000392074 / CIN 130014930300002
Program AIR 4.3.3.2 Eng Support (H-53K) (Fred Sheets, C. Hong)

MOD 41 Funding 379860.00
Cumulative Funding 11489334.17

MOD 42

400038 1300150866 226652.00
LLA :
HM 5703400 3004 720 202G0 B 040000 50 660728 06F503000F03 000F03R019027PSR42676D F03000
CIN 130015086600001
Program AIR 4.3.4 Tipps/UDRI

MOD 42 Funding 226652.00
Cumulative Funding 11715986.17

MOD 43

400039 1300154663 29786.00
LLA :
HN 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000425773 / CIN 130015466300001

400040 1300154663 46871.00
LLA :
HP 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000425773 / 130015466300002

400041 1300151596 74944.00
LLA :
HQ 1701506 U1CW 251 00019 0 050120 2D 000000 / CC A00000406790 / CIN 130015159600001

MOD 43 Funding 151601.00
Cumulative Funding 11867587.17

MOD 44

400042 1300156263 75900.00
LLA :
HR 1701804 12TA 250 41421 F 068892 2D XF0026 / CC 414210F2521Q / CIN 130015626300001

400043 1300155339 171735.00
LLA :
HS 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000430099 / CIN 130015533900001

400044 1300155339 16526.00
LLA :
HT 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000430099 / CIN 130015533900002

400045 1300153080 30000.00
LLA :
HU 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000416418 / CIN 130015308000001

400046 1300153080 31585.61
LLA :
HV 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000416418 / CIN 130015308000002

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600114 1300156263 4282.00
 LLA :
 HR 1701804 12TA 250 41421 F 068892 2D XF0026 / CC 414210F2521Q / CIN 130015626300001

600115 1300155339 4000.00
 LLA :
 HS 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000430099 / CIN 130015533900001

600116 1300155339 3000.00
 LLA :
 HT 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000430099 / CIN 130015533900002

600117 1300153080 5000.00
 LLA :
 HU 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000416418 / CIN 130015308000001

600118 1300153080 5000.00
 LLA :
 HV 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000416418 / CIN 130015308000002

600602 1300155339 5000.00
 LLA :
 HS 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000430099 / CIN 130015533900001

MOD 44 Funding 352028.61
 Cumulative Funding 12219615.78

MOD 45

400047 1300154694 938644.00
 LLA :
 HW 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000425982 / CIN 130015469400001

400048 1300154694 290156.00
 LLA :
 HX 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000425982 / CIN 130015469400002

400049 1300154694 39200.00
 LLA :
 HY 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A20000425982 / CIN 130015469400003

600119 1300154694 20000.00
 LLA :
 HW 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000425982 / CIN 130015469400001

MOD 45 Funding 1288000.00
 Cumulative Funding 13507615.78

MOD 46

400050 1300160848 33370.00
 LLA :
 HZ 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000464774 / CIN 130016084800001

400051 1300160848 9730.00
 LLA :
 JA 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000464774 / CIN 130016084800002

400052 1300160848 29470.00
 LLA :
 JB 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A20000464774 / CIN 130016084800003

400053 1300160848 5840.00
 LLA :
 JC 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A30000464774 / CIN 130016084800004

400054 1300160848 23370.00
 LLA :
 JD 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A40000464774 / CIN 130016084800005

400055 1300160848 9740.00
 LLA :
 JE 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A50000464774 / CIN 130016084800006

400056 1300160019 12500.00

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LLA :
 JF 97X4930 NA2B 000 77777 0 065888 2F 8E0022 / CC 690AA0C40000 / CIN 130016001900001

600004 1300160848 22000.00

LLA :
 JG 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A60000464774 / CIN 130016084800007

MOD 46 Funding 146020.00
 Cumulative Funding 13653635.78

MOD 47

400101 1300142782-0001 39918.00

LLA :
 JH 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A40000347241 / CIN 130014278200010

400102 1300142782-0001 40082.00

LLA :
 JJ 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A90000347241 / CIN 130014278200011

400103 1300142782-0001 40000.00

LLA :
 JK 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC B00000347241 / 130014278200012

400104 1300157308-0001 75000.00

LLA :
 JL 1701319 W2DB 000 RA353 068342 2D 000000 / CC 00001000AC20 / CIN 130015730800001

400105 1300157308-0001 64600.00

LLA :
 JM 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC 01001000AC20 / CIN 130015730800002

MOD 47 Funding 259600.00
 Cumulative Funding 13913235.78

MOD 48

400106 1300142782-0002 380000.00

LLA :
 JN 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A30000347241 / CIN 130014278200013

400107 1300166788 118300.00

LLA :
 JP 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000500138 / CIN 130016678800001

400108 1300166788 47000.00

LLA :
 JQ 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000500138 / CIN 130016678800002

400109 1300166788 50000.00

LLA :
 JR 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A20000500138 / CIN 130016678800003

400110 1300166788 17500.00

LLA :
 JS 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A30000500138 / CIN 130016678800004

400111 1300166788 50000.00

LLA :
 JT 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A50000500138 / CIN 130016678800006

600301 1300142782-0002 10000.00

LLA :
 JN 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A30000347241 / CIN 130014278200013

600302 1300166788 10000.00

LLA :
 JP 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000500138 / CIN 130016678800001

600303 1300166788 5861.25

LLA :
 JQ 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000500138 / CIN 130016678800002

MOD 48 Funding 688661.25

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Cumulative Funding 14601897.03

MOD 49

400112 1300168248 40989.75
 LLA :
 JW 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A20000508813 / CIN 130016824800003

400113 1300168248 113000.00
 LLA :
 JX 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A30000508813 / CIN 130016824800004

400114 1300168248 30000.00
 LLA :
 JY 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A40000508813 / CIN 130016824800005

400115 1300168834 19995.00
 LLA :
 KA 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000512994 / CIN 130016883400002

600201 1300168248 5000.00
 LLA :
 JU 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000508813 / CIN 130016824800001

600202 1300168248 20000.00
 LLA :
 JV 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000508813 / CIN 130016824800002

600203 1300168834 7000.00
 LLA :
 JZ 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000512994 / CIN 130016883400001

MOD 49 Funding 235984.75
 Cumulative Funding 14837881.78

MOD 50

400116 1300171035 171000.00
 LLA :
 KC 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A30000526004 / CIN 130017103500004

600204 1300171035 132462.00
 LLA :
 KB 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A20000526004 / CIN 130017103500003

MOD 50 Funding 303462.00
 Cumulative Funding 15141343.78

MOD 51

400117 1300172055 43000.00
 LLA :
 KD 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000531718 / CIN 130017205500001

400118 1300172055 30770.94
 LLA :
 KE 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000531718 / CIN 130017205500002

400119 1300174466 12000.00
 LLA :
 KF 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000542231 / CIN 130017446600001

400120 1300174466 10892.00
 LLA :
 KG 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000542231 / CIN 130017446600002

400121 1300174466 1027.00
 LLA :
 KH 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A20000542231 / CIN 130017446600003

400122 1300174466 25048.00
 LLA :
 KJ 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A30000542231 / CIN 130017446600004

400123 1300174466 26000.00

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LLA :
 KK 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A40000542231 / CIN 130017446600005

400124 1300174466 20000.00

LLA :
 KL 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A50000542231 / CIN 130017446600006

400125 1300174466 50000.00

LLA :
 KM 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A60000542231 / CIN 130017446600007

400126 1300174466 35000.00

LLA :
 KN 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A70000542231 / CIN 130017446600008

400127 1300174466 12000.00

LLA :
 KP 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A80000542231 / CIN 130017446600009

400128 1300174466 20000.00

LLA :
 KQ 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A90000542231 / CIN 130017446600010

400129 1300174466 37600.00

LLA :
 KR 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC B00000542231 / CIN 130017446600011

400130 1300174466 30000.00

LLA :
 KS 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A70000542231 / CIN 130017446600012

400131 1300174466 35000.00

LLA :
 KT 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC B10000542231 / CIN 130017446600013

400132 1300174466 15000.00

LLA :
 KU 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC B20000542231 / CIN 130017446600014

400133 1300174466 4998.75

LLA :
 KV 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC B30000542231 / CIN 130017446600015

600304 1300172055 7000.00

LLA :
 KD 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A00000531718 / CIN 130017205500001

600305 1300172055 5000.00

LLA :
 KE 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A10000531718 / CIN 130017205500002

600306 1300174466 14000.00

LLA :
 KS 97X4930 NH2A 252 77777 0 050120 2F 000000 / CC A70000542231 / CIN 130017446600012

MOD 51 Funding 434336.69
 Cumulative Funding 15575680.47

MOD 52

400134 1300175813 20000.00

LLA :
 KW 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code A00000547467
 Standard Number: CIN No. 130017581300001

400135 1300175813 34000.00

LLA :
 KX 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code A10000547467
 Standard Number: CIN No. 130017581300002

400136 1300175813 10000.00

LLA :
 KY 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code A20000547467
 Standard Number: CIN No. 130017581300003

400137 1300173363 20000.00

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LLA :
KZ 1701319 4748 255 00019 0 050120 2D 000000 / Cost Code A00000537764
Standard Number: CIN No. 130017336300001

MOD 52 Funding 84000.00
Cumulative Funding 15659680.47

MOD 53

400138 1300178276 50000.00

LLA :
LA 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE A10000561530
Standard Number: CIN 130017827600002

400139 1300142782-0003 3000.00

LLA :
LC 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE A40000347241
Standard Number: CIN 130014278200014

400140 1300142782-0003 24000.00

LLA :
LD 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE A50000347241
Standard Number: 130014278200015

400141 1300142782-0003 30000.00

LLA :
LE 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE B10000347241
Standard Number: CIN 130014278200016

400142 1300177580 4809.00

LLA :
LF 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE A00000557366
Standard Number: CIN 130017758000001

400143 1300177580 30300.00

LLA :
LF 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE A00000557366
Standard Number: 130017758000002

400144 1300177965 13000.00

LLA :
LG 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE A00000559514
Standard Number: CIN 130017796500001

600205 1300178276 5000.00

LLA :
LB 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE A20000561530
Standard Number: CIN 130017827600003

600206 1300177965 12000.00

LLA :
LG 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE A00000559514
Standard Number: CIN 130017796500001

600307 1300177965 750.00

LLA :
LG 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE A00000559514
Standard Number: CIN 130017796500001

MOD 53 Funding 172859.00
Cumulative Funding 15832539.47

MOD 54

400145 1300172085 269000.00

LLA :
LH 1701319 U5WF 251 00019 0 050120 2D 000000 Cost Code A00000531797
Standard Number: 130017208500001

600207 1300172085 24000.00

LLA :
LH 1701319 U5WF 251 00019 0 050120 2D 000000 Cost Code A00000531797
Standard Number: 130017208500003

600308 1300172085 10000.00

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LLA :
LH 1701319 U5WF 251 00019 0 050120 2D 000000 Cost Code A00000531797
Standard Number: 130017208500002

MOD 54 Funding 303000.00
Cumulative Funding 16135539.47

MOD 55

400146 1300184310 85000.00
LLA :
LJ 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE A00000611412
Standard Number: CIN 130018431000001

MOD 55 Funding 85000.00
Cumulative Funding 16220539.47

MOD 56

400147 1300185118 96334.00
LLA :
LK 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE A00000616427
Standard Number: CIN 130018511800001

400148 1300185118 20000.00
LLA :
LL 9700400 1101 S02 01008 8 000406 03 851D8Z 25GY8248HFNA 4421300008735 044213
Standard Number: CIN 130018511800003
Funds Source MIPR #: W74RDV01186435

400149 1300185462 60000.00
LLA :
LM 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE A00000618614
Standard Number: CIN 130018546200001

600309 1300185118 2000.00
LLA :
LK 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE A00000616427
Standard Number: CIN 130018511800002

MOD 56 Funding 178334.00
Cumulative Funding 16398873.47

MOD 57

400150 1300185712 75076.00
LLA :
LN 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE A00000620404
Standard Number: CIN 130018571200001

600310 1300185712 10000.00
LLA :
LN 97X4930 NH2A 252 77777 0 050120 2F 000000 / COST CODE A00000620404
Standard Number: CIN 130018571200001

MOD 57 Funding 85076.00
Cumulative Funding 16483949.47

MOD 58

400151 1300188067 208400.00
LLA :
LP 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code A00000635604
Standard Number: CIN 130018806700001

400152 1300188067 118300.00
LLA :
LQ 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code A10000635604
Standard Number: CIN 130018806700002

600311 1300188067 20000.00
LLA :
LP 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code A00000635604

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Standard Number: CIN 130018806700001

600312 1300188067 10000.00
 LLA :
 LQ 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code A10000635604
 Standard Number: CIN 130018806700002

MOD 58 Funding 356700.00
 Cumulative Funding 16840649.47

MOD 59

400153 1300187648 25000.00
 LLA :
 LR 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code: A00000632809
 Standard Number: CIN 130018764800001

400154 1300188905 43721.00
 LLA :
 LS 1711506 Y1A1 251 00019 0 050120 2D 000000 / Cost Code A00000640357
 Standard Number: CIN 130018890500001

600313 1300187648 5000.00
 LLA :
 LR 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code: A00000632809
 Standard Number: CIN 130018764800001

MOD 59 Funding 73721.00
 Cumulative Funding 16914370.47

MOD 60

400155 1300191505-0001 84895.00
 LLA :
 LT 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code A10000657873
 CIN 130019150500002

400156 1300191975 25000.00
 LLA :
 LU 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code A00000660872
 CIN 130019197500001

400157 1300193565 42000.00
 LLA :
 LW 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code A00000672464
 CIN 130019356500001

400158 1300193565 250000.00
 LLA :
 LX 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code A10000672464
 CIN 130019356500002

600208 1300191975 35000.00
 LLA :
 LV 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code A10000660872
 CIN 130019197500002

600314 1300191505-0001 6791.70
 LLA :
 LT 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code A10000657873
 CIN 130019150500002

600315 1300193565 8000.00
 LLA :
 LW 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code A00000672464
 CIN 130019356500001

600316 1300193565 5000.00
 LLA :
 LX 97X4930 NH2A 252 77777 0 050120 2F 000000 / Cost Code A10000672464
 CIN 130019356500002

MOD 60 Funding 456686.70
 Cumulative Funding 17371057.17

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SECTION H SPECIAL CONTRACT REQUIREMENTS

H-XX NOTIFICATION CONCERNING DETERMINATION OF SMALL BUSINESS SIZE STATUS

For the purposes of FAR clauses 52.219-6, NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE, 52.219-3, NOTICE OF TOTAL HUBZONE SET-ASIDE, 52.219-18, NOTIFICATION OF COMPETITION LIMITED TO ELIGIBLE 8(A) CONCERNS, and 52.219-27 NOTICE OF TOTAL SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS SET-ASIDE, the determination of whether a small business concern is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the size standards in this solicitation, and further, meets the definition of a HUBZone small business concern, a small business concern certified by the SBA for participation in the SBAs 8(a) program, or a service disabled veteran-owned small business concern, as applicable, shall be based on the status of said concern at the time of award of the SeaPort-e MACs and as further determined in accordance with Special Contract Requirement H-19.

52.219-6 NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE (JUNE 2003)

(a) Definition. "Small business concern" as used in this clause, means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the size standards in this solicitation.

(b) General. (1) Offers are solicited only from small business concerns. Offers received from concerns that are not small business concerns shall be considered nonresponsive and will be rejected. (2) Any award resulting from this solicitation will be made to a small business concern.

(c) Agreement. A small business concern submitting an offer in its own name shall furnish, in performing the contract, only end items manufactured or produced by small business concerns in the United States or its outlying areas. If this procurement is processed under simplified acquisition procedures and the total amount of this contract does not exceed \$25,000, a small business concern may furnish the product of any domestic firm. This paragraph does not apply to construction or service contracts.

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 8. The contract will specify to which suppliers and/or equipment subparagraph (f) restrictions apply.

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(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 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 three (3) 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

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supplier of these systems or their subsystems extends for a period of three (3) 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 three (3) 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 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 three (3) 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

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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.

5252.211-9502 GOVERNMENT INSTALLATION WORK SCHEDULE (NAVAIR) (OCT 2005)

(a) The Holidays applicable to this contract are: New Year's Day, Martin Luther King's Birthday, President's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day, and Christmas Day.

(b) In the event that the contractor is prevented from performance as the result of an Executive Order or an administrative leave determination that applies to the using activity, such time may be charged to the contract as a direct cost provided such charges are consistent with the contractor's accounting practices. In the event that any of the above holidays occur on a Saturday or Sunday, then such holiday shall be observed as they are by the assigned Government employees at the using activity.

5252.222-9500 SERVICE CONTRACT ACT (SCA) MINIMUM WAGES AND FRINGE BENEFITS (NAVAIR) (OCT 1994)

A Service Contract Act (SCA) wage determination has been obtained from the U.S. Department of Labor. Attachment 4, Wage Determination, will be applicable to this contract. If a new wage determination is received prior to contract award, it will be incorporated by amendment to this solicitation.

5252.227-9507 NOTICE REGARDING THE DISSEMINATION OF EXPORT-CONTROLLED TECHNICAL DATA (NAVAIR) (OCT 2005)

(a) Export of information contained herein, which includes release to foreign nationals within the United States, without first obtaining approval or license from the Department of State for items controlled by the International Traffic in Arms Regulations (ITARs), or the Department of Commerce for items controlled by the Export Administration Regulations (EAR), may constitute a violation of law.

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(b) For violation of export laws, the contractor, its employees, officials or agents are subject to:

(1) Imprisonment and/or imposition of criminal fines; and

(2) Suspension or debarment from future Government contracting actions.

(c) The Government shall not be liable for any unauthorized use or release of export-controlled information, technical data or specifications in this contract.

(d) The contractor shall include the provisions or paragraphs (a) through (c) above in any subcontracts awarded under this contract.

5252.227-9511 DISCLOSURE, USE AND PROTECTION OF PROPRIETARY INFORMATION (NAVAIR) (OCT 1994)

(a) During the performance of this contract, the Government may use an independent services contractor (ISC), who is neither an agent nor employee of the Government. The ISC may be used to conduct reviews, evaluations, or independent verification and validations of technical documents submitted to the Government during performance.

(b) The use of an ISC is solely for the convenience of the Government. The ISC has no obligation to the prime contractor. The prime contractor is required to provide full cooperation, working facilities and access to the ISC for the purposes stated in paragraph (a) above.

(c) Since the ISC is neither an employee or agent of the Government, any findings, recommendations, analyses, or conclusions of such a contractor are not those of the Government.

(d) The prime contractor acknowledges that the Government has the right to use ISCs as stated in paragraph (a) above. It is possible that under such an arrangement the ISC may require access to or the use of information (other than restricted cost or pricing data), which is proprietary to the prime contractor.

(e) To protect any such proprietary information from disclosure or use, and to establish the respective rights and duties of both the ISC and prime contractor, the prime contractor agrees to enter into a direct agreement with any ISC as the Government requires. A properly executed copy (per FAR 9.505-4) of the agreement will be provided to the Procuring Contracting Officer.

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

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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.

(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.

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(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 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)".

5252.242-9515 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

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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 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: [Patricia Cornett, 301-757-2607, 21893 Bundy Road Unit 7 BLDG 441, Patuxent River, MD 20670.](#)

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SECTION I CONTRACT CLAUSES

52.222-41 Service Contract Act (1965)

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 Naval Air Systems Command, Paxtuxent 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 the TOM. All losses are to have the permanent badges returned to TOM on the last day of the individual's task requirement.

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SECTION J LIST OF ATTACHMENTS

Attachment 1, Contract Data Requirements List (CDRL) (DD1423)

Attachment 2, Contract Security Classification Specification (DD254)

Attachment 3, System Authorization Access Request (SAAR) (DD2875)

Attachment 4, Wage Determination

Attachment 5, Reserved

Attachment 6, Reserved

Attachment 7, Reserved

Attachment 8, Quality Assurance Surveillance Plan (QASP)