

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE U PAGE OF PAGES 1 2

2. AMENDMENT/MODIFICATION NO. 89	3. EFFECTIVE DATE 17-Feb-2017	4. REQUISITION/PURCHASE REQ. NO. 1300620684, 1300558829-0001	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY NAVAIR Aircraft Division Pax River 21983 BUNDY ROAD, Bldg 441 Patuxent River MD 20670 mallory.taylor@navy.mil 301-757-8885	CODE N00421	7. ADMINISTERED BY (If other than Item 6) DCMA Manassas 14501 George Carter Way, 2nd Floor Chantilly VA 20151	CODE S2404A SCD: C

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) ManTech Advanced Systems International, Inc. 12015 Lee Jackson Highway Fairfax VA 22033	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
	10A. MODIFICATION OF CONTRACT/ORDER NO. N00178-04-D-4080 / N00178-04-D-4080-M803
	10B. DATED (SEE ITEM 13) 27-Mar-2012
CAGE CODE 5N741	FACILITY CODE

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

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

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

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

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

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

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Donna L Voithoffer, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/Donna L Voithoffer (Signature of Contracting Officer)	16C. DATE SIGNED 17-Feb-2017
(Signature of person authorized to sign)			

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**GENERAL INFORMATION**

The purpose of this modification is to provide incremental funding and update clause 5252.232-9104. Accordingly, said Task Order is modified as follows: A conformed copy of this Task Order is attached to this modification for informational purposes only.

The Line of Accounting information is hereby changed as follows:

The total amount of funds obligated to the task is hereby increased from \$42,579,438.27 by \$25,623.25 to \$42,605,061.52.

CLIN/SLIN	Type Of Fund	From (\$)	By (\$)	To (\$)
711003	WCF	0.00	10,623.25	10,623.25
711004	RDT&E	0.00	15,000.00	15,000.00

The total value of the order is hereby increased from [REDACTED]  
[REDACTED]

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

CLIN/SLIN	From	To
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**SECTION B SUPPLIES OR SERVICES AND PRICES**

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4000	R425	Base Year: Engineering and Technical Support for AIR-5.1.6 in accordance with the Performance Based Statement of Work (PBSOW) and the Quality Assurance Surveillance Plan (QASP). Cost-Plus-Fixed-Fee (CPFF) (WCF)	1.0	LO			
400001	R425	Funding in support of CLIN 4000 (WCF)					
400002	R425	Funding in support of CLIN 4000 (WCF)					
400003	R425	Funding in support of CLIN 4000 (WCF)					
400004	R425	Funding in support of CLIN 4000 (WCF)					
400005	R425	Funding in support of CLIN 4000 (WCF)					
400006	R425	Funding in support of CLIN 4000 (WCF)					
400007	R425	Funding in support of CLIN 4000 (WCF)					
400008	R425	Funding in support of CLIN 4000 (WCF)					
400009	R425	Funding in support of CLIN 4000 (WCF)					
400010	R425	Funding in support of CLIN 4000 (WCF)					
400011	R425	Funding in support of CLIN 4000 (WCF)					
400012	R425	Funding in support of CLIN 4000 (WCF)					
400013	R425	Funding in support of CLIN 4000 (WCF)					
400014	R425	Funding in support of CLIN 4000 (WCF)					
400015	R425	Funding in support of CLIN 4000 (WCF)					
400016	R425	Funding in support of CLIN 4000 (WCF)					
400017	R425	Funding in support of CLIN 4000 (WCF)					
400018	R425	Funding in support of CLIN 4000 (WCF)					
400019	R425	Funding in support of CLIN 4000 (WCF)					
400020	R425	Funding in support of CLIN 4000 (WCF)					
400021	R425	Funding in support of CLIN 4000 (O&MN,N)					
400022	R425	Funding in support of CLIN 4000 (O&MN,N)					
400023	R425	Funding in support of CLIN 4000 (O&MN,N)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
400024	R425	Funding in support of CLIN 4000 (O&MN,N)					
400025	R425	Funding in support of CLIN 4000 (O&MN,N)					
400026	R425	Funding in support of CLIN 4000 (WCF)					
400027	R425	Funding in support of CLIN 4000 (O&MN,N)					
400028	R425	Funding in support of CLIN 4000 (RDT&E)					
400029	R425	Funding in support of CLIN 4000 (RDT&E)					
400030	R425	Funding in support of CLIN 4000 (APN)					
400031	R425	Funding in support of CLIN 4000 (APN)					
400032	R425	Funding in support of CLIN 4000 (RDT&E)					
400033	R425	Funding in support of CLIN 4000 (APN)					
400034	R425	Funding in support of CLIN 4000 (PANMC)					
400035	R425	Funding in support of CLIN 4000 (APN)					
400036	R425	Funding in support of CLIN 4000 (WCF)					
400037	R425	Funding in support of CLIN 4000 (WCF)					
400038	R425	Funding in support of CLIN 4000 (RDT&E)					
400039	R425	Funding in support of CLIN 4000 (APN)					
400040	R425	Funding in support of CLIN 4000 (APN)					
400041	R425	Funding in support of CLIN 4000 (RDT&E)					
400042	R425	Funding in support of CLIN 4000 (RDT&E)					
400043	R425	Funding in support of CLIN 4000 (RDT&E)					
400044	R425	Funding in support of CLIN 4000 (RDT&E)					
400045	R425	Funding in support of CLIN 4000 (APN)					
400046	R425	Funding in support of CLIN 4000 (Fund Type - OTHER)					
400047	R425	Funding in support of CLIN 4000 (RDT&E)					
400048	R425	Funding in support of CLIN 4000 (WCF)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
400049	R425	Funding in support of CLIN 4000 (WCF)					
400050	R425	Funding in support of CLIN 4000 (WCF)					
400051	R425	Funding in support of CLIN 4000 (APN)					
400052	R425	Funding in support of CLIN 4000 (RDT&E)					
400053	R425	Funding in support of CLIN 4000 (APN)					
400054	R425	Funding in support of CLIN 4000 (RDT&E)					
400055	R425	Funding in support of CLIN 4000 (RDT&E)					
400056	R425	Funding in support of CLIN 4000 (RDT&E)					
400057	R425	Funding in support of CLIN 4000 (APN)					
400058	R425	Funding in support of CLIN 4000 (WCF)					
400059	R425	Funding in support of CLIN 4000 (WCF)					
400060	R425	Funding in support of CLIN 4000 (RDT&E)					
400061	R425	Funding in support of CLIN 4000 (APN)					
4010	R425	Base Year: FMS CASE# MF-P-LBE Engineering and Technical Support for AIR-5.1.6 in accordance with the Performance Based Statement of Work (PBSOW) and the Quality Assurance Surveillance Plan (QASP). Cost-Plus- Fixed-Fee (CPFF) FMS (FMS Case #MF-P-LBE)	1.0	LO	██████████	██████████	██████████
401001	R425	Funding in support of CLIN 4010 (FMS CASE# MF-P-LBE) (FMS)					
4020	R425	Base Year: FMS CASE# TW-P-SEG Engineering and Technical Support for AIR-5.1.6 in accordance with the Performance Based Statement of Work (PBSOW) and the Quality Assurance Surveillance Plan (QASP). Cost-Plus- Fixed-Fee (CPFF) FMS (FMS Case #TW-P-SEG)	1.0	LO	██████████	██████████	██████████
402001	R425	Funding in support of CLIN 4020 - FMS CASE# TW-P-SEG (FMS)					
4100	R425	Option Year I: Engineering and Technical Support of AIR-5.1.6 in accordance with the Performance Based Statement of Work (PBSOW) and the Quality Assurance Surveillance Plan (QASP). Cost-Plus-Fixed-Fee (CPFF)	1.0	LO	██████████	██████████	██████████

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		(WCF)					
410001	R425	Funding in support of CLIN 4100 (RDT&E)					
410002	R425	Funding in support of CLIN 4100 (WCF)					
410003	R425	Funding in support of CLIN 4100 (WCF)					
410004	R425	Funding in support of CLIN 4100 (RDT&E)					
410005	R425	Funding in support of CLIN 4100 (RDT&E)					
410006	R425	Funding in support of CLIN 4100 (RDT&E)					
410007	R425	Funding in support of CLIN 4100 (WCF)					
410008	R425	Funding in support of CLIN 4100 (WCF)					
410009	R425	Funding in support of CLIN 4100 (WCF)					
410010	R425	Funding in support of CLIN 4100 (WCF)					
410011	R425	Funding in support of CLIN 4100 (WCF)					
410012	R425	Funding in support of CLIN 4100 (WCF)					
410013	R425	Funding in support of CLIN 4100 (WCF)					
410014	R425	Funding in support of CLIN 4100 (WCF)					
410015	R425	Funding in support of CLIN 4100 (WCF)					
410016	R425	Funding in support of CLIN 4100 (WCF)					
410017	R425	Funding in support of CLIN 4100 (WCF)					
410018	R425	Funding in support of CLIN 4100 (WCF)					
410019	R425	Funding in support of CLIN 4100 (WCF)					
410020	R425	Funding in support of CLIN 4100 (WCF)					
410021	R425	Funding in support of CLIN 4100 (WCF)					
410022	R425	Funding in support of CLIN 4100 (O&MN,N)					
410023	R425	Funding in support of CLIN 4100 (O&MN,N)					
410024	R425	Funding in support of CLIN 4100 (WCF)					
410025	R425	Funding in support of CLIN 4100 (WCF)					
410026	R425	Funding in support of CLIN 4100 (O&MN,N)					
410027	R425	Funding in support of CLIN 4100 (WCF)					
410028	R425	Funding in support of CLIN 4100 (WCF)					
410029	R425	Funding in support of CLIN 4100 (WCF)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
410030	R425	Funding in support of CLIN 4100 (WCF)					
410031	R425	Funding in support of CLIN 4100 (O&MN,N)					
410032	R425	Funding in support of CLIN 4100 (O&MN,N)					
410033	R425	Funding in support of CLIN 4100 (O&MN,N)					
410034	R425	Funding in support of CLIN 4100 (O&MN,N)					
410035	R425	Funding in support of CLIN 4100 (O&MN,N)					
410036	R425	Funding in support of CLIN 4100 (WCF)					
410037	R425	Funding in support of CLIN 4100 (WCF)					
410038	R425	Funding in support of CLIN 4100 (WCF)					
410039	R425	Funding in support of CLIN 4100 (WCF)					
410040	R425	Funding in support of CLIN 4100 (WCF)					
410041	R425	Funding in support of CLIN 4100 (WCF)					
410042	R425	Funding in support of CLIN 4100 (RDT&E)					
410043	R425	Funding in support of CLIN 4100 (WCF)					
410044	R425	Funding in support of CLIN 4100 (WCF)					
410045	R425	Funding in support of CLIN 4100 (WCF)					
410046	R425	Funding in support of CLIN 4100 (WCF)					
410047	R425	Funding in support of CLIN 4100 (WCF)					
410048	R425	Funding in support of CLIN 4100 (WCF)					
410049	R425	Funding in support of CLIN 4100 (WCF)					
410050	R425	Funding in support of CLIN 4100 (RDT&E)					
410051	R425	Funding in support of CLIN 4100 (WCF)					
410052	R425	Funding in support of CLIN 4100 (WCF)					
410053	R425	Funding in support of CLIN 4100 (WCF)					
410054	R425	Funding in support of CLIN 4100 (WCF)					
410055	R425	Funding in support of CLIN 4100 (WCF)					
410056	R425	Funding in support of CLIN 4100 (WCF)					
410057	R425	Funding in support of CLIN 4100 (WCF)					
410058	R425	Funding in support of CLIN 4100 (O&MN,N)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
410059	R425	Funding in support of CLIN 4100 (WCF)					
410060	R425	Funding in support of CLIN 4100 (WCF)					
410061	R425	Funding in support of CLIN 4100 (WCF)					
410062	R425	Funding in support of CLIN 4100 (WCF)					
410063	R425	Funding in support of CLIN 4100 (Task 204) (WCF)					
410064	R425	Funding in support of CLIN 4100 (Task 232) (WCF)					
410065	R425	Funding in support of CLIN 4100 (Task 203) (WCF)					
410066	R425	Funding in support of CLIN 4100 (Task 205) (WCF)					
410067	R425	Funding in support of CLIN 4100 (Task 214) (WCF)					
410068	R425	Funding in support of CLIN 4100 (Task 201) (WCF)					
410069	R425	Funding in support of CLIN 4100 (Task 207) (WCF)					
410070	R425	Funding in support of CLIN 4100 (Task 229) (WCF)					
410071	R425	Funding in support of CLIN 4100 (Task 205) (WCF)					
410072	R425	Funding in support of CLIN 4100 (Task 205) (WCF)					
410073	R425	Funding in support of CLIN 4100 (Task 211) (RDT&E)					
410074	R425	Funding in support of CLIN 4100 (Task 231) (WCF)					
4120	R425	Option Year 1: FMS CASE# TW-P-SEG Engineering and Technical Support for AIR-5.1.6 in accordance with the Performance Based Statement of Work (PBSOW) and the Quality Assurance Surveillance Plan (QASP). Cost-Plus-Fixed-Fee (CPFF) FMS (FMS Case #TW-P-SEG)	1.0	LO	██████████	██████████	██████████
412001	R425	Funding in support of CLIN 4120 - FMS CASE# TW-P-SEG (FMS)					
4200	R425	Option Year II: Engineering and Technical Support of AIR-5.1.6 in accordance with the Performance Based Statement of Work (PBSOW) and the Quality Assurance Surveillance Plan (QASP). Cost-Plus-Fixed-Fee (CPFF)	1.0	LO	██████████	██████████	██████████



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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		(WCF)					
420001	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420002	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420003	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420004	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420005	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420006	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420007	R425	Funding in support of CLIN 4200 (Tasks 311,312,313) (RDT&E)					
420008	R425	Funding in support of CLIN 4200 (Task 320 ) (WCF)					
420009	R425	Funding in support of CLIN 4200 (Task 302 ) (WCF)					
420010	R425	Funding in support of CLIN 4200 (Task 314) (WCF)					
420011	R425	Funding in support of CLIN 4200 (Task 314 ) (WCF)					
420012	R425	Funding in support of CLIN 4200 (Task 326) (WCF)					
420013	R425	Funding in support of CLIN 4200 (Task 313) (O&MN,N)					
420014	R425	Funding in support of CLIN 4200 (Task 313) (O&MN,N)					
420015	R425	Funding in support of CLIN 4200 (Task 313) (O&MN,N)					
420016	R425	Funding in support of CLIN 4200 (Task 313) (O&MN,N)					
420017	R425	Funding in support of CLIN 4200 (Task 313) (O&MN,N)					
420018	R425	Funding in support of CLIN 4200 (Task 313) (WCF)					
420019	R425	Funding in support of CLIN 4200 (Tasks 301,307,329,334) (WCF)					
420020	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
420021	R425	Funding in support of CLIN 4200 (Task 304) (WCF)					
420022	R425	Funding in support of CLIN 4200 (Task 304) (WCF)					
420023	R425	Funding in support of CLIN 4200 (Task 304) (WCF)					
420024	R425	Funding in support of CLIN 4200 (Task 306) (WCF)					
420025	R425	Funding in support of CLIN 4200 (Task 332) (WCF)					
420026	R425	Funding in support of CLIN 4200 (Task 304) (WCF)					
420027	R425	Funding in support of CLIN 4200 (Task 304) (WCF)					
420028	R425	Funding in support of CLIN 4200 (Task 303) (WCF)					
420029	R425	Funding in support of CLIN 4200 (O&MN,N)					
420030	R425	Funding in support of CLIN 4200 (O&MN,N)					
420031	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420032	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420033	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420034	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420035	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420036	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420037	R425	Funding in support of CLIN 4200 (Task 326) (WCF)					
420038	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420039	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420040	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420041	R425	Funding in support of CLIN 4200 (Task 313) (O&MN,N)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
420042	R425	Funding in support of CLIN 4200 (Task TBD) (WCF)					
420043	R425	Funding in support of CLIN 4200 (Task 331) (RDT&E)					
420044	R425	Funding in support of CLIN 4200 (Task 313) (WCF)					
420045	R425	Funding in support of CLIN 4200 (Task TBD) (RDT&E)					
420046	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420047	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420048	R425	Funding in support of CLIN 4200 (Task 305) (O&MN,N)					
420049	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420050	R425	Funding in support of CLIN 4200 (Task 305) (O&MN,N)					
420051	R425	Funding in support of CLIN 4200 (Task 303) (WCF)					
420052	R425	Funding in support of CLIN 4200 (Task 337) (O&MN,N)					
420053	R425	Funding in support of CLIN 4200 (Task 337) (O&MN,N)					
420054	R425	Funding in support of CLIN 4200 (Task 337) (O&MN,N)					
420055	R425	Funding in support of CLIN 4200 (Task 337) (O&MN,N)					
420056	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420057	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420058	R425	Funding in support of CLIN 4200 (Task 331) (WCF)					
420059	R425	Funding in support of CLIN 4200 (Task 320 & 338) (WCF)					
420060	R425	Funding in support of CLIN 4200 (Task 313) (WCF)					
420061	R425	Funding in support of CLIN 4200 (Task 301) (WCF)					
420062	R425	Funding in support of CLIN 4200 (Task 307) (WCF)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
420063	R425	Funding in support of CLIN 4200 (Task 329) (WCF)					
420064	R425	Funding in support of CLIN 4200 (Task 334) (WCF)					
420065	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420066	R425	Funding in support of CLIN 4200 (Task 314) (WCF)					
420067	R425	Funding in support of CLIN 4200 (Task 314) (WCF)					
420068	R425	Funding in support of CLIN 4200 (Task 305) (WCF)					
420069	R425	Funding in support of CLIN 4200 (Task 303) (WCF)					
420070	R425	Funding in support of CLIN 4200 (Task 303) (WCF)					
420071	R425	Funding in support of CLIN 4200 (Task 314) (WCF)					
420072	R425	Funding in support of CLIN 4200 (Task 301, 307, 329) (WCF)					
4210	R425	OPY2: FMS Case# AT-P-GQY (Australia) Engineering and Technical Support for AIR-5.1.6 in accordance with the Performance Based Statement of Work. (FMS Case #AT-P-GQY)	1.0	LO	██████████	██████████	██████████
4220	R425	OPY2: FMS Case# KU-P-GGW (Kuwait) Engineering and Technical Support for AIR-5.1.6 in accordance with the Performance Based Statement of Work. (FMS Case #KU-P-GGW)	1.0	LO	██████████	██████████	██████████

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
6001	R425	Base Year: TRAVEL Support for CLIN 4000 Cost Reimbursable (No Fee) (WCF)	1.0	LO	██████████
600101	R425	Funding in Support of CLIN 4000 (WCF)			
600102	R425	Funding in Support of CLIN 4000 (WCF)			
600103	R425	Funding in Support of CLIN 4000 (WCF)			
600104	R425	Funding in Support of CLIN 4000 (WCF)			
600105	R425	Funding in Support of CLIN 4000 (WCF)			
600106	R425	Funding in Support of CLIN 4000 (WCF)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
600107	R425	Funding in Support of CLIN 4000 (O&MN,N)			
600108	R425	Funding in Support of CLIN 4000 (RDT&E)			
600109	R425	Funding in Support of CLIN 4000 (PANMC)			
600110	R425	Funding in Support of CLIN 4000 (APN)			
600111	R425	Funding in Support of CLIN 4000 (WCF)			
600112	R425	Funding in Support of CLIN 4000 (WCF)			
600113	R425	Funding in Support of CLIN 4000 (RDT&E)			
600114	R425	Funding in Support of CLIN 4000 (RDT&E)			
600115	R425	Funding in Support of CLIN 4000 (RDT&E)			
600116	R425	Funding in Support of CLIN 4000 (WCF)			
600117	R425	Funding in Support of CLIN 4000 (RDT&E)			
600118	R425	Funding in Support of CLIN 4000 (RDT&E)			
600119	R425	Funding in Support of CLIN 4000 (RDT&E)			
6002	R425	Base Year: MATERIAL Support for CLIN 4000 Cost Reimbursable (No Fee) (WCF)	1.0	LO	██████████
600201	R425	Funding in support of CLIN 4000 (RDT&E)			
600202	R425	Funding in support of CLIN 4000 (WCF)			
6003	R425	Base Year: DATA Support for CLIN 4000 and the Contract Data Requirements Lists (CDRLs) Not Separately Priced (WCF)	1.0	LO	\$0.00
6004	R425	Base Year: NMCI in support of Services of CLIN 4000 for the Base period of performance as authorized under Section H clauses 5252.237-9503 and 5252.245-9500. (WCF)	1.0	LO	██████████
600401	R425	NMCI funding in support of CLIN 4000 (WCF)			
600402	R425	NMCI funding in support of CLIN 4000 (WCF)			
600403	R425	NMCI funding in support of CLIN 4000 (WCF)			
600404	R425	NMCI funding in support of CLIN 4000 (WCF)			
600405	R425	NMCI funding in support of CLIN 4000 (WCF)			
600406	R425	NMCI funding in support of CLIN 4000 (WCF)			
600407	R425	NMCI funding in support of CLIN 4000 (WCF)			
600408	R425	NMCI funding in support of CLIN 4000 (WCF)			
600409	R425	NMCI funding in support of CLIN 4000 (O&MN,N)			
600410	R425	NMCI funding in support of CLIN 4000 (RDT&E)			
600411	R425	NMCI funding in support of CLIN 4000 (PANMC)			
600412	R425	NMCI funding in support of CLIN 4000 (APN)			
600413	R425	NMCI funding in support of CLIN 4000 (WCF)			
600414	R425	NMCI funding in support of CLIN 4000 (WCF)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
600415	R425	NMCI funding in support of CLIN 4000 (RDT&E)			
600416	R425	NMCI funding in support of CLIN 4000 (APN)			
600417	R425	NMCI funding in support of CLIN 4000 (RDT&E)			
600418	R425	NMCI funding in support of CLIN 4000 (WCF)			
600419	R425	NMCI funding in support of CLIN 4000 (RDT&E)			
600420	R425	NMCI funding in support of CLIN 4000 (APN)			
6011	R425	Base Year: (FMS Funding) TRAVEL Support for CLIN 4010 Cost Reimbursable (No Fee) (FMS Case #MF-P-LBE)	1.0	LO	██████
6012	R425	Base Year: (FMS Funding) MATERIAL Support for CLIN 4010 Cost Reimbursable (No Fee) (FMS Case #MF-P-LBE)	1.0	LO	██████████
601201	R425	Funding in Support of CLIN 4010 (FMS-Malaysia) (FMS)			
6014	R425	Base Year: (FMS Funding) NMCI in support of Services of CLIN 4010 for the Base period of performance as authorized under Section H clauses 5252.237-9503 and 5252.245-9500. (FMS Case #MF-P-LBE)	1.0	LO	██████████
601401	R425	Funding in support of CLIN 4010 (FMS-Malaysia) (FMS)			
6101	R425	Option Year I TRAVEL Support for CLIN 4100 Cost Reimbursable (No Fee) (WCF)	1.0	LO	██████████
610101	R425	TRAVEL funding in support of CLIN 4100 (WCF)			
610102	R425	TRAVEL funding in support of CLIN 4100 (WCF)			
610103	R425	TRAVEL funding in support of CLIN 4100 (WCF)			
610104	R425	TRAVEL funding in support of CLIN 4100 (WCF)			
610105	R425	TRAVEL funding in support of CLIN 4100 (WCF)			
610106	R425	TRAVEL funding in support of CLIN 4100 (WCF)			
610107	R425	TRAVEL funding in support of CLIN 4100 (WCF)			
610108	R425	TRAVEL funding in support of CLIN 4100 (RDT&E)			
610109	R425	TRAVEL funding in support of CLIN 4100 (O&MN,N)			
610110	R425	TRAVEL funding in support of CLIN 4100 (WCF)			
610111	R425	TRAVEL funding in support of CLIN 4100 (Task 232) (WCF)			
610112	R425	TRAVEL funding in support of CLIN 4100 (Task 207) (WCF)			
6102	R425	Option Year I: MATERIAL Support for CLIN 4100 Cost Reimbursable (No Fee) (WCF)	1.0	LO	██████████
610201	R425	MATERIAL funding in support of CLIN 4100 (WCF)			
610202	R425	MATERIAL funding in support of CLIN 4100 (WCF)			
610203	R425	MATERIAL funding in support of CLIN 4100 (Task 205) (WCF)			
610204	R425	MATERIAL funding in support of CLIN 4100 (Task 205) (WCF)			
6103	R425	Option Year I: DATA Support for CLIN 4100 and the Contract Data Requirements Lists (CDRLs) Not Separately Priced (NSP) (WCF)	1.0	LO	\$0.00

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
6104	R425	Option Year I: NMCI in support of Services of CLIN 4100 for the Base period of performance as authorized under Section H clauses 5252.237-9503 and 5252.245-9500. (WCF)	1.0	LO	██████████
610401	R425	NMCI funding in support of CLIN 4100 (RDT&E)			
610402	R425	NMCI funding in support of CLIN 4100 (WCF)			
610403	R425	NMCI funding in support of CLIN 4100 (WCF)			
610404	R425	NMCI funding in support of CLIN 4100 (RDT&E)			
610405	R425	NMCI funding in support of CLIN 4100 (RDT&E)			
610406	R425	NMCI funding in support of CLIN 4100 (WCF)			
610407	R425	NMCI funding in support of CLIN 4100 (WCF)			
610408	R425	NMCI funding in support of CLIN 4100 (WCF)			
610409	R425	NMCI funding in support of CLIN 4100 (WCF)			
610410	R425	NMCI funding in support of CLIN 4100 (WCF)			
610411	R425	NMCI funding in support of CLIN 4100 (WCF)			
610412	R425	NMCI funding in support of CLIN 4100 (WCF)			
610413	R425	NMCI funding in support of CLIN 4100 (WCF)			
610414	R425	NMCI funding in support of CLIN 4100 (WCF)			
610415	R425	NMCI funding in support of CLIN 4100 (WCF)			
610416	R425	NMCI funding in support of CLIN 4100 (WCF)			
610417	R425	NMCI funding in support of CLIN 4100 (WCF)			
610418	R425	NMCI funding in support of CLIN 4100 (WCF)			
610419	R425	NMCI funding in support of CLIN 4100 (WCF)			
610420	R425	NMCI funding in support of CLIN 4100 (WCF)			
610421	R425	NMCI funding in support of CLIN 4100 (WCF)			
610422	R425	NMCI funding in support of CLIN 4100 (WCF)			
610423	R425	NMCI funding in support of CLIN 4100 (WCF)			
610424	R425	NMCI funding in support of CLIN 4100 (Task 214) (WCF)			
610425	R425	NMCI funding in support of CLIN 4100 (Task 205) (WCF)			
610426	R425	NMCI funding in support of CLIN 4100 (Task 211) (RDT&E)			
610427	R425	NMCI funding in support of CLIN 4100 (Task 212) (RDT&E)			
610428	R425	NMCI funding in support of CLIN 4100 (Task 231) (WCF)			
6201	R425	Option Year II TRAVEL Support for CLIN 4200 Cost Reimbursable (No Fee) (WCF)	1.0	LO	██████████
620101	R425	TRAVEL funding in support of CLIN 4200 (Task 302) (WCF)			
620102	R425	TRAVEL funding in support of CLIN 4200 (Tasks 307, 329) (WCF)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
620103	R425	TRAVEL funding in support of CLIN 4200 (Task 306) (WCF)			
620104	R425	TRAVEL funding in support of CLIN 4200 (Task 332) (WCF)			
620105	R425	TRAVEL funding in support of CLIN 4200 (Task 303) (WCF)			
620106	R425	TRAVEL funding in support of CLIN 4200 (Task TBD) (WCF)			
620107	R425	TRAVEL funding in support of CLIN 4200 (Task 313) (RDT&E)			
620108	R425	TRAVEL funding in support of CLIN 4200 (Task 307) (WCF)			
620109	R425	TRAVEL funding in support of CLIN 4200 (Task 329) (WCF)			
620110	R425	TRAVEL funding in support of CLIN 4200 (Task 305) (WCF)			
620111	R425	TRAVEL funding in support of CLIN 4200 (Task 301, 307, 329) (WCF)			
620112	R425	TRAVEL funding in support of CLIN 4200 (WCF)			
6202	R425	Option Year II: MATERIAL Support for CLIN 4200 Cost Reimbursable (No Fee) (WCF)	1.0	LO	
620201	R425	Funding in support of CLIN 6202 (WCF) (WCF)			
620202	R425	Funding in support of CLIN 6202 (Task 305) (WCF)			
620203	R425	Funding in support of CLIN 6202 (Task 305) (WCF)			
6203	R425	Option Year II: DATA Support for CLIN 4200 and the Contract Data Requirements Lists (CDRLs) Not Separately Priced (NSP) (WCF)	1.0	LO	\$0.00
6204	R425	Option Year II: NMCI in support of Services of CLIN 4200 for the Base period of performance as authorized under Section H clauses 5252.237-9503 and 5252.245-9500. (WCF)	1.0	LO	
620401	R425	NMCI funding in support of CLIN 4200 (Task 305) (WCF)			
620402	R425	NMCI funding in support of CLIN 4200 (Task 320) (WCF)			
620403	R425	NMCI funding in support of CLIN 4200 (Task 302) (WCF)			
620404	R425	NMCI funding in support of CLIN 4200 (Task 314) (WCF)			
620405	R425	NMCI funding in support of CLIN 4200 (Task 326) (WCF)			
620406	R425	NMCI funding in support of CLIN 4200 (Tasks 311,312,313) (WCF)			
620407	R425	NMCI funding in support of CLIN 4200 (Task 304) (WCF)			
620408	R425	NMCI funding in support of CLIN 4200 (Task 304) (WCF)			
620409	R425	NMCI funding in support of CLIN 4200 (Task 306) (WCF)			
620410	R425	NMCI funding in support of CLIN 4200 (Task 332) (WCF)			
620411	R425	NMCI funding in support of CLIN 4200 (Task 304) (WCF)			
620412	R425	NMCI funding in support of CLIN 4200 (Task 303) (WCF)			
620413	R425	NMCI funding in support of CLIN 4200 (Task 305) (WCF)			
620414	R425	NMCI funding in support of CLIN 4200 (Task 305) (WCF)			
620415	R425	NMCI funding in support of CLIN 4200 (Task 331) (WCF)			
620416	R425	NMCI funding in support of CLIN 4200 (Task TBD) (RDT&E)			



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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
620417	R425	NMCI funding in support of CLIN 4200 (Task 313) (WCF)			
620418	R425	NMCI funding in support of CLIN 4200 (Task 331) (WCF)			
620419	R425	NMCI funding in support of CLIN 4200 (Task 338) (WCF)			
620420	R425	NMCI funding in support of CLIN 4200 (Task 314) (WCF)			
620421	R425	NMCI funding in support of CLIN 4200 (Task 303) (WCF)			
6212	R425	Option Year II: FMS CASE# KU-P-GGW MATERIAL Support for CLIN 4200 Cost Reimbursable (No Fee) (FMS Case #KU-P-GGW)	1.0	LO	

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7000	R425	Level of Effort Extension Out Year 3: Engineering and Technical Support for AIR-5.1.6 in accordance with the Performance Based Statement of Work (PBSOW) and the Quality Assurance Surveillance Plan (QASP). (WCF)	1.0	LO			
700001	R425	Funding in support of CLIN 7000 (Effort #313) (O&MN,N)					
700002	R425	Funding in support of CLIN 7000 (Effort #313) (O&MN,N)					
700003	R425	Funding in support of CLIN 7000 (Effort #313) (O&MN,N)					
700004	R425	Funding in support of CLIN 7000 (Effort #338) (WCF)					
700005	R425	Funding in support of CLIN 7000 (Effort #314) (WCF)					
700006	R425	Funding in support of CLIN 7000 (Effort #332) (WCF)					
700007	R425	Funding in support of CLIN 7000 (Effort #301,307,329) (WCF)					
700008	R425	Funding in support of CLIN 7000 (Effort #334) (WCF)					
700009	R425	Funding in support of CLIN 7000 (Effort #331) (WCF)					
700010	R425	Funding in support of CLIN 7000 (Effort #331) (WCF)					
700011	R425	Funding in support of CLIN 7000 (Effort #311) (RDT&E)					
700012	R425	Funding in support of CLIN 7000 (Effort #312) (RDT&E)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
700013	R425	Funding in support of CLIN 7000 (Effort #313) (WCF)					
700014	R425	Funding in support of CLIN 7000 (Effort #336) (RDT&E)					
700015	R425	Funding in support of CLIN 7000 (Effort #305) (WCF)					
700016	R425	Funding in support of CLIN 7000 (Effort #305) (WCF)					
700017	R425	Funding in support of CLIN 7000 (Effort #305) (WCF)					
700018	R425	Funding in support of CLIN 7000 (Effort #305) (WCF)					
700019	R425	Funding in support of CLIN 7000 (Effort #304) (WCF)					
700020	R425	Funding in support of CLIN 7000 (Effort #304) (WCF)					
700021	R425	Funding in support of CLIN 7000 (Effort #306) (WCF)					
700022	R425	Funding in support of CLIN 7000 (Effort #326) (WCF)					
700023	R425	Funding in support of CLIN 7000 (Effort #303) (WCF)					
700024	R425	Funding in support of CLIN 7000 (Effort #305) (O&MN,N)					
700025	R425	Funding in support of CLIN 7000 (Effort #TBD) (WCF)					
700026	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700027	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700028	R425	Funding in support of CLIN 7000 (Effort #413) (WCF)					
700029	R425	Funding in support of CLIN 7000 (Effort #413) (WCF)					
700030	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700031	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700032	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700033	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
700034	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700035	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700036	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700037	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700038	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700039	R425	Funding in support of CLIN 7000 (Effort #336) (RDT&E)					
700040	R425	Funding in support of CLIN 7000 (Effort #337) (O&MN,N)					
700041	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700042	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700043	R425	Funding in support of CLIN 7000 (Effort #414) (WCF)					
700044	R425	Funding in support of CLIN 7000 (Effort #414) (WCF)					
700045	R425	Funding in support of CLIN 7000 (Effort #402) (WCF)					
700046	R425	Funding in support of CLIN 7000 (Effort #420) (WCF)					
700047	R425	Funding in support of CLIN 7000 (Effort #426) (WCF)					
700048	R425	Funding in support of CLIN 7000 (Effort #426) (WCF)					
700049	R425	Funding in support of CLIN 7000 (Effort #401) (WCF)					
700050	R425	Funding in support of CLIN 7000 (Effort #407) (WCF)					
700051	R425	Funding in support of CLIN 7000 (Effort #429) (WCF)					
700052	R425	Funding in support of CLIN 7000 (Effort #434) (WCF)					
700053	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700054	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
700055	R425	Funding in support of CLIN 7000 (Effort #426) (WCF)					
700056	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700057	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700058	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700059	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700060	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700061	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700062	R425	Funding in support of CLIN 7000 (Effort #403) (WCF)					
700063	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700064	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700065	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700066	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700067	R425	Funding in support of CLIN 7000 (Effort #414) (WCF)					
700068	R425	Funding in support of CLIN 7000 (Effort #436) (RDT&E)					
700069	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700070	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700071	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700072	R425	Funding in support of CLIN 7000 (Effort #401) (WCF)					
700073	R425	Funding in support of CLIN 7000 (Effort #407) (WCF)					
700074	R425	Funding in support of CLIN 7000 (Effort #429) (WCF)					
700075	R425	Funding in support of CLIN 7000 (Effort #434) (WCF)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
700076	R425	Funding in support of CLIN 7000 (Effort #431) (WCF)					
700077	R425	Funding in support of CLIN 7000 (Effort #405) (WCF)					
700078	R425	Funding in support of CLIN 7000 (Effort #429) (WCF)					
700079	R425	Funding in support of CLIN 7000 (Effort #401) (WCF)					
700080	R425	Funding in support of CLIN 7000 (Effort #407) (WCF)					
700081	R425	Funding in support of CLIN 7000 (Effort #434) (WCF)					
7010	R425	OY3: FMS Case# KU-P-GGW (Kuwait) (FMS Case #KU-P-GGW)	1.0	LO	██████████	██████████	██████████
701001	R425	Funding in support of CLIN 7010 (FMS)					
7100	R425	Option for Additional Level of Effort for Out Year 4: Engineering and Technical Support for AIR-5.1.6 in accordance with the Performance Based Statement of Work (PBSOW) and the Quality Assurance Surveillance Plan (QASP). (WCF)	1.0	LO	██████████	██████████	██████████
710001	R425	Funding in support of CLIN 7100 (Effort #405) (WCF)					
710002	R425	Funding in support of CLIN 7100 (Effort #505) (WCF)					
710003	R425	Funding in support of CLIN 7100 (Effort #505) (WCF)					
710004	R425	Funding in support of CLIN 7100 (Effort #520) (WCF)					
710005	R425	Funding in support of CLIN 7100 (Effort #505) (WCF)					
710006	R425	Funding in support of CLIN 7100 (Effort #505) (WCF)					
710007	R425	Funding in support of CLIN 7100 (Effort #505) (WCF)					
710008	R425	Funding in support of CLIN 7100 (Effort #505) (WCF)					
710009	R425	Funding in support of CLIN 7100 (Effort #505) (WCF)					
710010	R425	Funding in support of CLIN 7100 (Effort #505) (WCF)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
710011	R425	Funding in support of CLIN 7100 (Effort #531) (WCF)					
710012	R425	Funding in support of CLIN 7100 (Effort #531) (WCF)					
710013	R425	Funding in support of CLIN 7100 (Effort #513) (WCF)					
710014	R425	Funding in support of CLIN 7100 (Effort #513) (WCF)					
710015	R425	Funding in support of CLIN 7100 (Effort #513) (WCF)					
710016	R425	Funding in support of CLIN 7100 (Effort #502) (WCF)					
710017	R425	Funding in support of CLIN 7100 (Effort #520) (WCF)					
710018	R425	Funding in support of CLIN 7100 (Effort #514) (WCF)					
710019	R425	Funding in support of CLIN 7100 (Effort #514) (WCF)					
710020	R425	Funding in support of CLIN 7100 (Effort #514) (WCF)					
710021	R425	Funding in support of CLIN 7100 (Effort #514) (WCF)					
710022	R425	Funding in support of CLIN 7100 (Effort #413) (WCF)					
710023	R425	Funding in support of CLIN 7100 (Effort #413) (WCF)					
710024	R425	Funding in support of CLIN 7100 (Effort #413) (WCF)					
710025	R425	Funding in support of CLIN 7100 (Effort #413) (WCF)					
710026	R425	Funding in support of CLIN 7100 (Effort #513) (WCF)					
710027	R425	Funding in support of CLIN 7100 (Effort #536) (WCF)					
710028	R425	Funding in support of CLIN 7100 (Effort #536) (WCF)					
710029	R425	Funding in support of CLIN 7100 (Effort #536) (WCF)					
710030	R425	Funding in support of CLIN 7100 (Effort #536) (WCF)					
710031	R425	Funding in support of CLIN 7100 (Effort #501) (WCF)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
710032	R425	Funding in support of CLIN 7100 (Effort #507) (WCF)					
710033	R425	Funding in support of CLIN 7100 (Effort #529) (WCF)					
710034	R425	Funding in support of CLIN 7100 (Effort #534) (WCF)					
710035	R425	Funding in support of CLIN 7100 (Effort #504) (WCF)					
710036	R425	Funding in support of CLIN 7100(Effort #506) (WCF)					
710037	R425	Funding in support of CLIN 7100 (Effort # 505) (WCF)					
710038	R425	Funding in support of CLIN 7100 (Effort #505) (WCF)					
710039	R425	Funding in support of CLIN 7100 (Effort #505) (WCF)					
710040	R425	Funding in support of CLIN 7100 (Effort #505) (WCF)					
710041	R425	Funding in support of CLIN 7100 (Effort #503) (WCF)					
710044	R425	Funding in support of CLIN 7100 (Effort #526) (WCF)					
710045	R425	Funding in support of CLIN 7100 (Effort #511)SEAL Task (RDT&E)					
710046	R425	Funding in support of CLIN 7100 (Effort #512)WASP Test (RDT&E)					
710047	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710048	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710049	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710050	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710051	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710052	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710053	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710054	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
710055	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710056	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710057	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710058	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710059	R425	Funding in Support of CLIN 7100 (Effort #538) (WCF)					
710060	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710061	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710062	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710063	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710064	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710065	R425	Funding in Support of CLIN 7100 (Effort #501) (WCF)					
710066	R425	Funding in Support of CLIN 7100 (Effort #507) (WCF)					
710067	R425	Funding in Support of CLIN 7100 (Effort #529) (WCF)					
710068	R425	Funding in Support of CLIN 7100 (Effort #534) (WCF)					
710069	R425	Funding in Support of CLIN 7100 (Effort #503) (WCF)					
710070	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710071	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710072	R425	Funding in Support of CLIN 7100 (Effort #52634594) (WCF)					
710073	R425	Funding in Support of CLIN 7100 (Effort #505) (RDT&E)					
710074	R425	Funding in Support of CLIN 7100 (Effort #537) (WCF)					
710075	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					



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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
710076	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710077	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710078	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710079	R425	Funding in Support of CLIN 7100 (Effort #502) (WCF)					
710080	R425	Funding in Support of CLIN 7100 (Effort #536) (WCF)					
710081	R425	Funding in Support of CLIN 7100 (Effort #531) (WCF)					
710082	R425	Funding in Support of CLIN 7100 (Effort #513) (WCF)					
710083	R425	Funding in Support of CLIN 7100 (Effort #503) (WCF)					
710084	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710085	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710086	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710087	R425	Funding in Support of CLIN 7100 (Effort #501) (WCF)					
710088	R425	Funding in Support of CLIN 7100 (Effort #507) (WCF)					
710089	R425	Funding in Support of CLIN 7100 (Effort #529) (WCF)					
710090	R425	Funding in Support of CLIN 7100 (Effort #534) (WCF)					
710091	R425	Funding in Support of CLIN 7100 (Effort #505) (WCF)					
710092	R425	Funding in Support of CLIN 7100 (Effort #501) (WCF)					
710093	R425	Funding in Support of CLIN 7100 (Effort #507) (WCF)					
710094	R425	Funding in Support of CLIN 7100 (Effort #529) (WCF)					
710095	R425	Funding in Support of CLIN 7100 (Effort #534) (WCF)					
710096	R425	Funding in Support of CLIN 7100 (Effort #513) (O&MN,N)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
710097	R425	Funding in Support of CLIN 7100 (Effort #513) (O&MN,N)					
710098	R425	Funding in Support of CLIN 7100 (Effort #513) (O&MN,N)					
710099	R425	Funding in Support of CLIN 7100 (Effort #513) (O&MN,N)					
7110	R425	Option for Additional Level of Effort for Out Year 4: Engineering and Technical Support for AIR-5.1.6 in accordance with the Performance Based Statement of Work (PBSOW) and the Quality Assurance Surveillance Plan (QASP). (Extension of CLIN 7100) (Fund Type - TBD)	1.0	LO	██████████	██████████	██████████
711001	R425	Funding in support of CLIN 7110. (Task #513) (WCF)					
711002	R425	Funding in support of CLIN 7110. (Task #536) (FMS)					
711003	R425	Funding in support of CLIN 7110. (Task #526 SIEGEL) (WCF)					
711004	R425	Funding in support of CLIN 7110 (Effort #512)WASP Test (RDT&E)					

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9001	R425	Level of Effort Extension Out Year 3: TRAVEL Support for CLIN 7000. Cost Reimbursable (No Fee) (WCF)	1.0	LO	██████████
900101	R425	Funding in support of CLIN 7000 (Task #332) (WCF)			
900102	R425	Funding in support of CLIN 7000 (Task #307,329) (WCF)			
900103	R425	Funding in support of CLIN 7000 (Task #306) (WCF)			
900104	R425	Funding in support of CLIN 7000 (Task #303) (WCF)			
900105	R425	Funding in support of CLIN 7000 (Task #405) (WCF)			
900106	R425	Funding in support of CLIN 7000 (Task #402) (WCF)			
900107	R425	Funding in support of CLIN 7000 (Task #407) (WCF)			
900108	R425	Funding in support of CLIN 7000 (Task #429) (WCF)			
9002	R425	Level of Effort Extension Out Year 3: MATERIAL Support for CLIN 7000. Cost Reimbursable (No Fee) (WCF)	1.0	LO	██████████
900201	R425	Funding in support of CLIN 7000 (Task #332) (WCF)			
900202	R425	Funding in support of CLIN 7000 (Task #336) (RDT&E)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9003	R425	Level of Effort Extension Out Year 3: DATA Support for CLIN 7000 and the Contract Data Requirements Lists (CDRLs) Not Separately Priced (WCF)	1.0	LO	\$0.00
9004	R425	Level of Effort Extension Out Year 3: NMCI in support of Services of CLIN 7000 for the Out Year 3 period of performance as authorized under Section H clauses 5252.237-9503 and 5252.245-9500. (WCF)	1.0	LO	
900401	R425	Funding in support of CLIN 7000 (Task #338) (WCF)			
900402	R425	Funding in support of CLIN 7000 (Task #314) (WCF)			
900403	R425	Funding in support of CLIN 7000 (Task #332) (WCF)			
900404	R425	Funding in support of CLIN 7000 (Task #311) (RDT&E)			
900405	R425	Funding in support of CLIN 7000 (Task #312) (RDT&E)			
900406	R425	Funding in support of CLIN 7000 (Task #305) (WCF)			
900407	R425	Funding in support of CLIN 7000 (Task #304) (WCF)			
900408	R425	Funding in support of CLIN 7000 (Task #306) (WCF)			
900409	R425	Funding in support of CLIN 7000 (Task #326) (WCF)			
900410	R425	Funding in support of CLIN 7000 (Task #303) (WCF)			
900411	R425	Funding in support of CLIN 7000 (Task #TBD) (WCF)			
900412	R425	Funding in support of CLIN 7000 (Task #405) (WCF)			
900413	R425	Funding in support of CLIN 7000 (Task #402) (WCF)			
9101	R425	Option for Additional Level of Effort for Out Year 4: TRAVEL Support for CLIN 7100. Cost Reimbursable (No Fee) (WCF)	1.0	LO	
910101	R425	Funding in support of CLIN 7100 (Effort #502) (WCF)			
910102	R425	Funding in support of CLIN 7100 (Effort #536) (WCF)			
910103	R425	Funding in support of CLIN 7100 (Effort #507) (WCF)			
910104	R425	Funding in support of CLIN 7100 (Effort 529) (WCF)			
910105	R425	Funding in support of CLIN 7100 (Effort #506) (WCF)			
910106	R425	Funding in support of CLIN 7100 (Effort #505) (WCF)			
910107	R425	Funding in support of CLIN 7100 (Effort #505) (WCF)			
910108	R425	Funding in support of CLIN 7100 (Effort #505) (WCF)			
910109	R425	Funding in support of CLIN 7100 (Effort #536) (WCF)			
910110	R425	Funding in support of CLIN 7100 (Effort #536) (FMS)			
9102	R425	Option for Additional Level of Effort for Out Year 4: MATERIAL Support for CLIN 7100. Cost Reimbursable (No Fee) (WCF)	1.0	LO	
910201	R425	Funding in Support of CLIN 7100 Task 505 (WCF)			
9103	R425	Option for Additional Level of Effort for Out Year 4: DATA Support for CLIN 7100 and the Contract Data Requirements Lists (CDRLs) Not Separately Priced (WCF)	1.0	LO	\$0.00

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9104	R425	Option for Additional Level of Effort for Out Year 4: NMCI in support of Services of CLIN 7100 for the Out Year 4 period of performance as authorized under Section H clauses 5252.237-9503 and 5252.245-9500. (WCF)  Option	1.0	LO	██████████

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- 1) This task order is issued in accordance with the terms and conditions of the Seaport-e MAC contract. Only clauses and provisions requiring fill-ins, or unique to the task order have been included in full text in the task order.
- 2) This task order includes cost-plus-fixed-fee (CPFF) term line items for labor and cost reimbursable line items for other direct costs.
- 3) The task order is for a total period of performance of 36 months, inclusive of all options.
  - Base Year - 12 months
  - Option Year 1 - 12 months
  - Option Year 2 - 12 months

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

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5) Performance after 04 Apr 2014 will be subject to exercise of the award term of the offeror's basic Seaport-e contract.

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## SECTION C DESCRIPTIONS AND SPECIFICATIONS

### SECTION C - DESCRIPTION AND SPECIFICATIONS

Applicable to CLINs 4000, 4010, 4020, 4100, 4120, 4200, 4210, 4220, 7000, 7010, 7100 – The Contractor shall provide SERVICES in accordance with Section C - Performance Based Statement of Work (PBSOW) for the 5.1.6 Manned and Unmanned Air Vehicle Division, unless otherwise specified.

Applicable to CLINs 6001, 6011, 6101, 6201, 9001, 9101 – The Contractor shall provide TRAVEL in support of CLINs 4000, 4010, 4020, 4100, 4120 and 4200 in accordance with paragraph 5.1 of the PBSOW.

Applicable to CLINs 6002, 6012, 6102, 6202, 6212, 9002, 9102 – The Contractor shall provide MATERIAL in support of CLINs 4000, 4010, 4020, 4100, 4120 and 4200 in accordance with paragraphs 6.1 of the PBSOW below.

Applicable to CLINs 6003, 6103, 6203, 9003, 9103 – The Contractor shall provide DATA specified in Exhibit A -Contract Data Requirements Lists for CDRs A001-A006 as required in the PBSOW below.

Applicable to CLINs 6004, 6014, 6104, 6204, 9004, 9104 – The Contractor shall provide NMCI in support of CLINs 4000, 4010, 4020, 4100, 4120, 4200 and 4210 in accordance with paragraphs 7.1, 7.2, 7.3, 7.4, 7.5 and 7.6 of the PBSOW below.

### **The following Statement of Work Addendum is hereby added to the existing Statement of Work:**

*This Statement of Work Addendum does not apply to any line items funded by Foreign Military Sales (FMS).*

### **STATEMENT OF WORK ADDENDUM**

(a) Notwithstanding any other provision of this contract, in the event that the Government reduces operations pursuant to a furlough of civilian employees of the Department of Defense, the level of effort for this contract or task order established in 10 RA SEA 5252.216-9122 Level of Effort (DEC 2000) shall be reduced for the tenure of the civilian furlough. The level of effort for this contract or task order during the civilian furlough period shall be expended at an average rate of 3,040 hours per week.

(b) The contractor is not required to remain on standby and should take every effort to minimize its overhead costs during the reduction. At the conclusion of the civilian furlough period, the level of effort will revert to the prior rate. The contractor will not be required to immediately revert to the prior level of effort, but rather will be allowed

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a reasonable amount of time to revert to the prior rate.

(c) During the civilian furlough period, unless otherwise authorized by the contracting officer, the work schedule will consist of an 8-hour work day Monday through Thursday. Therefore, Friday will not be part of the work schedule. At the conclusion of the civilian furlough period, the work schedule will revert to the prior established schedule, if any. This revision to the normal work week is not the result of an Executive Order or an administrative leave determination.

End of the Statement of Work Addendum

**PBSOW - Manned and Unmanned Air Vehicle Evaluation Division (AIR 5.1.6), Patuxent River, Maryland.**

**PERFORMANCE BASED STATEMENT OF WORK**

**1.0 BACKGROUND**

1.1 The Naval Air Systems Command tasks the Naval Air Warfare Center Aircraft Division (NAWCAD) to perform test and evaluation engineering, which includes research and development, systems analysis and engineering, prototyping, and integration of warfare systems into Naval Aircraft and aviation subsystems. The NAWCAD has engineering responsibility for programs such as the F-35, F/A-18, EA-6B, AV-8B, V-22, T-45, tactical reconnaissance, and unmanned air vehicles. Other systems, subsystems and engineering processes that the NAWCAD supports include E-2C, UH-1, AH-1, SH-60, HH-60, CH-53, MH-53, CH-46, H-46, shore based aircraft (C-130), KC-130, EP-3, P-3, S-3, ES-3, T-34, Tactical Air Combat Training System (TACTS), Air Traffic Control (ATC) and landing systems, integrated tactical decision aids, aircraft/weapon integration/separation testing, and other externally directed programs. NAWCAD supports joint service programs in addition to the F-35, such as LH-X and the Joint Precision Approach and Landing System (JPALS). NAWCAD also supports test and evaluation of customer systems such as Federal Aviation Administration (FAA) satellite navigation systems and avionics certification, NASA, Air Force, Army and foreign government vehicles and systems. Responsibilities also include support to NAVAIR for programmatic as required.

1.2 The Manned and Unmanned Air Vehicle Evaluation Division (AIR 5.1.6) integrates, tests and evaluates: Aircraft Flying Qualities and performance, propulsion systems; mechanical systems, air vehicle subsystems, structures, shipboard interoperability, air traffic control and landing systems; and mission planning systems. AIR 5.1.6 conducts tests and evaluations for: aircraft and related systems, aircraft interoperability, carrier & shipboard compatibility and evaluates the service suitability and specification compliance of aircraft systems and components tested. The principal focus is support of Integrated Program Teams (IPT), Externally Directed Teams and Enterprise Teams. Test engineers lead and manage the T&E efforts and are responsible for design, documentation, and maintaining the currency of the T&E process, for identification of critical program test elements; for ensuring engineering veracity of the test data; for definition of functional requirements for future test facilities, equipment, and instrumentation requirements and integrating these requirements into facility improvement plans. Test engineers support the IPT through participation in the development of system specifications and program T&E planning documents and product functional requirements; in the evaluation and assessment of test results and determination of system performance, mission suitability, and readiness for the user; and in translation test data into design improvement and deficiency corrections. AIR 5.1.6 also develops new test and evaluation data acquisition and analysis procedures and methods.

1.3 AIR 5.1.6 specifically provides and accomplishes:

1.3.1 AEROMECHANICS AND FLIGHT CONTROLS T&E: The people, processes and facilities necessary for Teams to conduct fixed and rotary wing aircraft ground and flight test in the areas of stability and control, flight controls, performance, structures, loads, flutter, and dynamics.

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1.3.2 AIR VEHICLE/STORE COMPATIBILITY T&E: The people, processes, and facilities necessary for Teams to determine air vehicle/store compatibility of all fixed and rotary wing aircraft armament systems, their externally and internally carried stores, and items which are released or dispensed for the aircraft. Systems tested include armament release and control systems, stores suspension and release equipment, internal and external guns, towed and powered targets, air-launched weapons, air-launched expendables, and jettisonable pods. Types of work include physical/electrical/structural interface, form fit and function flight captive carriage tests, weapon separation tests, ballistic accuracy tests, fragment hazard analysis, generation of safe escape data weapon delivery parameters, Tactical Manual weapons descriptions, development of weapon employment data, and Tactical Manual engineering support.

1.3.3 SHIP SUITABILITY AND LANDING SYSTEMS T&E: The people, processes, and facilities necessary for Teams to conduct tests to determine air vehicle compatibility with shipboard operating environments, shipboard launch and recovery systems, and shipboard and shore based air traffic control and landing systems. The support includes aircraft handling qualities and performance characteristics, structural and functional integrity, and aircraft compatibility with launch and recovery equipment for manned and unmanned, conventional and V/STOL, fixed and rotary wing aircraft. Air Traffic and Control and Landing System support includes RDT&E and certification of sea-based air traffic control and landing systems; satellite-based systems, compatibility of manned and unmanned air vehicles and related aircraft avionics subsystems. Aircraft evaluations include approach handling qualities, engine/approach power performance, avionics receivers, data processors, sensors, automatic flight control systems, takeoff and landing cockpit displays, landing systems data links, radar transponders, antenna performance and total integrated system performance.

1.3.4 INSTALLED PROPULSION, POWER, AND MECHANICAL SYSTEMS T&E: The people, processes, and facilities necessary for Teams to plan and conduct tests and report test results on fixed and rotary wing aircraft propulsion, power and mechanical systems. Testing includes systems/subsystems as installed in the aircraft. These systems include: inlet, engine, exhaust, and control systems and the interfaces of the propulsion systems with the air vehicle, hydraulic systems, fuel systems, pneumatic systems, environmental/avionics conditioning systems, auxiliary power systems, drive systems, gear box systems, internal and external cargo systems, aerial refueling systems and ram air turbine systems.

## 2.0 SCOPE OF WORK

2.1 This Performance Based Statement of Work (PBSOW) outlines the requirements for providing the following areas of support to the AIR-5.1.6 Manned and Unmanned Air Vehicle Division at NAS Patuxent River, Maryland. The contractor shall provide for program/project management, science/engineering/technology development, design and integration support, prototyping, hardware, and software development, test planning, test support, test reporting and laboratory maintenance/operations services in support of the Test & Evaluation Engineering Department. The contractor shall perform independent analyses and technical studies and provide engineering and technical services in the area of Hardware-in-the-loop (HITL) test, Installed System Test (IST), Ground and Flight test and integrated systems test to develop/assess the air vehicle Flying Qualities, Performance, Ship Suitability, Stores Compatibility, aircraft delivered weapon ballistics, Safe Escape operability, and weapons compatibility and suitability. Some of the systems/subsystems evaluated include: flight, electrical power, propulsion, mechanical, vehicle subsystems, support systems, and systems external to the aircraft such as air traffic control and landing systems, catapult launching interfaces, and arrested landing gear.

### 2.2 INHERENTLY GOVERNMENTAL FUNCTIONS

No item in the PBSOW shall be interpreted to have the contractor perform any services that are inherently governmental services or personal services as defined in FAR 2.101 - (See "*Inherently governmental function*" and "*Personal services contract*"). Although not all inclusive, communicating areas of specialty which are of a particular interest to the 5.1.6 Manned and Unmanned Air Vehicle Division include the following:

## 3.0 TASK STATEMENT

### 3.1 PROGRAM/PROJECT MANAGEMENT

3.1.1 Perform program/project management services (e.g. planning, scheduling, reporting, etc.) in support of systems development and flight research and development, test and evaluation.

3.1.2 Make recommendations for development, review, and/or updates of program management plans in accordance



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with directives, budgets, implementation requirements, and program schedules.

3.1.3 Provide financial tracking of program/project cost data, resource analysis, and procurement monitoring services. (CDRL A002)

3.1.4 Provide program and project services such as scheduling events, program planning, cost, schedule, and performance coordination.

3.1.5 Develop, review, and update technical requirements in support of testing planning and reporting efforts. This shall include: consideration of test processes and objectives, data acquisition, reduction, and analysis, and test documentation/test resource requirement development.

3.1.6 Provide long term planning for technical and engineering support requirements and test capability development.

3.1.7 Develop, establish and maintain the collected test data. This includes: test data, reliability data, financial profiles, and other information relating to life cycle support during testing.

3.1.8 Attend meetings/conferences with government personnel to gather information to support program/project requirements. Specific meeting/conference attendance requirements will be defined in individual delivery orders.

3.1.9 Generate and produce presentation materials (including viewgraphs and other briefing materials) to support program/project requirements.

3.1.10 Provide engineering and test program support services including Contract Data Requirements List (CDRL) tracking, software/hardware documentation maintenance, technical and engineering coordination/control (e.g., POA&M development, test/program sequence definition, organization of necessary support assets, etc.), library operations, and computer network operations and maintenance.

3.1.11 Overtime Procedures: Other than the exceptions described in subparagraphs (a)(1) through (a)(4) of FAR 52.222-2, overtime must be authorized by the COR. When it is anticipated that overtime is necessary in order to fully support critical testing deadlines, the contractor shall obtain an overtime pre-authorization from the COR in order to meet essential delivery or performance schedules. The contractor shall provide an estimate number of OT hours to the COR required for each OT effort. The contractor shall not work any overtime without approval by the COR.

3.1.12 Effective Mod 61, Incurred Cost and Progress Reporting is no longer required for this contract.

### 3.2 TEST ENGINEERING/TECHNOLOGY DEVELOPMENT, DESIGN AND INTEGRATION

3.2.1 Perform technical studies and analyses for advanced testing philosophies. The contractor shall provide recommendations on specific approaches, test facilities requirements and equipment/system requirements.

3.2.2 Perform technical studies, analyses, and planning to develop test methods.

3.2.3 Evaluate aircraft systems, aircraft systems support, and test and evaluation equipment/system upgrades and modifications for capability, efficiency, and life expectancy.

3.2.4 Inspect and analyze equipment components within a system to define and analyze characteristics for system enhancement/development/integration.

3.2.5 Define hardware and software interface requirements between aircraft to be tested and test laboratories. The contractor shall develop plans for integrating new or modified capabilities and systems which consider implementation schedules, cost, and resource allocations.

3.2.6 Provide system development and integration services for hardware and equipment components.

3.2.7 Install, move, modify and operate aircraft systems and aircraft systems support equipment during system

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integration/upgrades. The contractor shall develop documentation/documentation updates to reflect final configurations.

3.2.8 Provide software development and integration services for test and evaluation efforts and mission planning development.

3.2.9 Develop software applications based on existing multi-purpose software.

3.2.10 Develop original software applications in support of avionics simulation models and test and evaluation.

3.2.11 Develop software requirements; perform software development planning and flow-charting.

3.2.12 Generate software code, conduct test operations including installation and debugging, and provide software-related documentation (e.g. code, flow charts, logic diagrams, etc.). (CDRL A004)

3.2.13 Demonstrate and provide training on the operation and maintenance of software developed under this contract.

### 3.3 TEST PLANNING

3.3.1 Analyze test requirements and financial constraints and develop and prepare recommended test plans.

3.3.2 Recommend resources and equipment/materials to support aircraft and airframe testing. The contractor shall investigate, analyze, and define weapon systems/platform requirements to support testing.

3.3.3 Recommend government quality control/assurance procedures and standard operating procedures in accordance with test plan requirements and/or program/project life cycle requirements.

3.3.4 Provide mission planning services to analyze, design, develop, implement and initialize aviation mission planning systems for various aircraft (e.g. F-35, F/A-18, P-8, UAVs, etc.) to improve operational capability, enhance user access to current and future tactical mission planning tools and maximize operational and training flight safety for specific test flights.

3.3.4.1 Provide mission planning services to Fleet units for training and initialize aviation mission planning systems for various aircraft (e.g. AV-8B, F/A-18, F-35, P-8, UAVs, etc.)

3.3.5 Document and provide recommendations to perform maintenance engineering, analytical, and technical support in the program initiation, demonstration and validation, engineering development, production, and fleet introduction phases of aircraft life support and environmental systems.

### 3.4 TEST SUPPORT

3.4.1 Provide test execution, management, and test data analysis services.

3.4.2 Design, develop, fabricate and modify off-the-shelf or specialized state-of-the-art test equipment, system components, cable harnesses, connections, breakout boxes, peculiar test equipment, data and fiber optic links, and other interfaces necessary to conduct testing and simulation.

3.4.2.1 Test and evaluate equipment and systems utilizing computer interfaces and develop equipment/system specific training on test methodology.

3.4.3 Provide services for test and evaluation of crew systems integration aspects of new and modified airborne weapon systems.

3.4.4 Provide engineering and technical services during pretest, test, and post-test activities. This shall include collecting, reducing and analyzing ground/flight test/simulation flight test data and providing statistical analyses. (CDRL A006)

3.4.5 Prepare draft test reports and messages and develop and maintain documentation such as deficiency reports, equipment and facility user manuals, and avionics hardware, software and facility architecture documentation. (CDRL A006)

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### 3.5 MAINTENANCE/OPERATIONS SUPPORT

3.5.1 Perform system (e.g. avionics, test, etc.), subsystem, equipment, and component maintenance, and calibration in accordance with Government and original equipment manufacturer (OEM) standards. The contractor shall investigate and determine alternative repair methods and sources.

3.5.2 Perform test data file maintenance and verification.

3.5.2.1 Analyze, examine, document and maintain software configurations.

3.5.2.2 Perform software installation for upgraded, modified and new software applications.

3.5.2.3 Perform software support such as installing version upgrades and new releases in accordance with Government procedures and manufacturers' documentation.

3.5.3 Operate test equipment, instrumentation, facility and aircraft systems during laboratory/ground tests.

3.5.3.1 Perform technical and research and development engineering services for ground and flight testing of aircraft systems and system upgrade/modification. The contractor shall provide services to support operations management and maintenance and repair aircraft systems.

3.5.4 Maintain NAWCAD laboratory support areas, specialized test equipment, instrumentation, off-the-shelf test equipment and peculiar test equipment.

3.5.4.1 Maintain cable harnesses, instrumentation connections and other interfaces (hardware, fiber optic, coaxial, etc.) integral to articles under test.

3.5.5 Review for requirements conformance, alert government personnel of any discrepancies, and assemble equipment received from commercial vendors and/or other government activities.

### 3.6 FLEET PRODUCTS

3.6.1 Provide weapon employment support which is concentrated in the areas of efficient, cost effective compilation of specific aircraft and weapons test data, and the selective use of the data to produce accurate weapon planning information for the fleet. Provide technical and research and development engineering services to achieve maximum combat readiness in the employment of tactical aircraft. The specific tasks for fulfilling those requirements are:

3.6.2 Attend Naval Aircraft Technical Information Publication (NATIP) and/or Joint Munitions Effectiveness Manual (JMEM) preliminary conferences with government personnel and provide technical inputs as required. Identify and document requirements and problems or deficiencies in technical information currently appearing in NATIP, or proposed new NATIP/JMEM including Foreign Military Sales (FMS) Series, and/or JMEM. (CDRL A006)

3.6.3 Provide a technical review and analysis of aeroballistics and related technical requirements. The technical analysis shall include common data package weapon listings and specific ballistic application tabular information and graphic data (or software package) in accordance with approved NATIP/JMEM pre-conference documentation.

3.6.4 Compile all NATIP and/or JMEM change/revision items relating to ordnance limitations and recommendations. This task will include preparation of a draft technical report of final ordnance loadings/limitations as applicable, including revised or modified charts and tables.

3.6.5 Review changed/revised manuals during production to validate incorporation of the changes. The contractor shall prepare draft Department notes.

3.6.6 Perform software/system research, design, development, test and evaluation engineering to develop, test, evaluate, assess, and maintain government-owned automated weapon planning and delivery tools. This task encompasses the research and development required to incorporate and maintain carriage, release, jettison, ballistics, applied fuzing, and safe escape technical data applicable to all aircraft types/models. Establishing a software engineering environment to conduct and/or support all software application systems research and development efforts. Attending and/or conduct, as appropriate, all technical and programmatic meetings and reviews required in support of the aforementioned tasks. Complying with established configuration management procedures, correct

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identified deficiencies, and report results. Providing inputs to test and evaluation efforts. At task completion, all data and informational elements generated by the contractor shall be considered sole property of the government. (CDRL A006)

3.6.7 Provide analytical and engineering expertise in support of gunfire control initiatives. The contractor shall investigate adding capability to existing systems for newly developed rounds. This task includes computing modeling coefficients for newly developed rounds, implementing these new coefficients within gunfire control systems, developing exterior ballistics components and/or assessing component proposals. The contractor shall report all technical results. (CDRL A006)

### 3.7 SOURCE DATA

3.7.1 Review, evaluate, analyze arena warhead/fragmentation characterization test plans and provide recommendations. The contractor shall evaluate test plans to determine the validity of proposed procedures for defining parameters necessary for safe escape analyses in accordance with approved modeling procedures. The contractor shall conduct analysis of arena test results and develop a fragmentation characterization data package for use in determining aircraft safe escape. The contractor shall also compile, verify, validate, and format aircraft, weapon and warhead technical data for entry into existing government-owned mathematical models used to compute the probability of tactical hazard and then document the results.

3.7.2 Compile, verify, validate, and format weapon aeroballistic test data for entry into existing government-owned mathematical equations and computer programs. This effort includes development of ballistic modeling parameters for unguided air-launched ordnance and guided weapons. The contractor shall conduct validation/verification exercises on the modeling parameters to ensure accuracy. The contractor shall prepare a final data package containing complete analysis results, conclusions, and recommendations.

3.7.3 Identify and monitor sources of information which may result in changes to the ordnance limitation sections of aircraft NATIPs. These include, but are not limited to, Naval Air Systems Command (NAVAIRSYSCOM) clearance messages, fleet Interim Rapid Change (IRAC) recommendations, and results of separation tests. The contractor shall evaluate the information and prepare/ recommend a change.

3.7.4 Set up a repository for continuous accountability of all NATIP change and revision inputs, including fleet change recommendations, changes due to NAVAIRSYSCOM clearance messages; inclusion/deletion of weapons; correction of vague, ambiguous or incorrect text which may generate changes to NATIPs with the exception of ballistics data. Maintain and continuously update the repository. The contractor shall prepare draft Department Notes on the status of this effort. (CDRL A001)

### 3.8 TECHNOLOGY DEVELOPMENT AND EVALUATION

3.8.1 Perform software/system research, design, development, test and evaluation engineering to develop, test, evaluate, assess, and maintain government-owned modeling and simulation software required to support ballistics and safe escape tasks. This task encompasses the research and development required to develop, enhance and maintain carriage, release, jettison, ballistics, applied fuzing, and safe escape models.

3.8.2 Perform software/system research, design, development, test and evaluation engineering to develop, test, evaluate, assess, and maintain information management software. This task encompasses the research and development required to develop, enhance, and maintain required software models and source data. The contractor shall comply with established configuration management procedures, correct identified deficiencies, and report results. (CDRL A001)

3.8.3 Provide system engineering support to include efforts related to system integration, specifications/requirements definition, Test and Evaluation Master Plan (TEMP) development/revisions, technical reviews/team meetings, technology insertion, business re-engineering processes, and joint aircraft/store integration and certification. The task encompasses associated risk assessments and cost analysis to evaluate implementation and affordability.

### 3.9 RDT&E OF AIRCRAFT ARMAMENT SYSTEMS AND INTERFACES

3.9.1 Determine operability and suitability of aircraft armament control systems, compatibility of those systems with ordnance and interfaces, and compatibility of interfaces and ordnance. In the case of flight tests, the contractor

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shall prepare flight cards to be used by the government test team to brief aircrew. The contractor shall summarize weekly activity in the form of draft Team Notes. (CDRL A005)

3.9.2 Conduct evaluations that include considerations of electrical, mechanical and information transfer characteristics of integrated systems as well as specification compliance and ability of armament systems to release ordnance.

3.9.3 Develop armament system mechanical, electrical, and electronic devices and interfaces that are required to determine operability and suitability of aircraft armament control systems, compatibility of those systems with ordnance and interfaces, and compatibility of interfaces and ordnance. These functions shall include researching of aircraft system technical publications, development of schematics or sketches, use of standard aircraft electronic test equipment, and knowledge of basic mechanical hardware to produce the devices and interfaces. Descriptions of the interfaces and devices shall be prepared in the form of draft Department notes.

### 3.10 RELEASE HARDWARE, WEAPONS, AND ORDNANCE RDT&E

3.10.1 Evaluate the suitability of release hardware (pylons, racks, adapters), weapons, ordnance, and accessories to function safely and effectively in the operational environment, to determine specification compliance of delivered hardware, and/or to derive ballistic/weapon delivery accuracy results. In the case of flight tests, the contractor shall prepare draft flight cards to be used by the government test team to brief the aircrew. The contractor shall prepare summaries of weekly test activity in the form of draft Team Notes. (CDRL A005)

3.10.2 Evaluate results of flight tests conducted for aircraft/stores certification. The evaluation process shall include analysis of flight film, video, and any recorded or transmitted data, data reduction, editing/titling of film, structural analyses, and preparation of all test data for archives. At the end of tests, incorporate the results of evaluations in draft technical reports. (CDRL A005)

### 3.11 ARMAMENT CONTROL SYSTEMS TECHNOLOGY

3.11.1 Perform technical and engineering tasks in support of RDT&E of armament control systems/stores management systems (ACS/SMS) and weapons/stores for foreign and domestic aircraft. The contractor shall generate and/or review documents relating to ACS/SMS and weapons/stores acquisition programs including specifications, statements of work, systems and interface design documents, test and evaluation master plans, test plans, and final reports.

3.11.2 Attend conferences with government personnel and provide technical inputs relating to aircraft ACS/SMS and weapons/stores to present recommended improvements and corrections of specifications, standards, and manuals and to present the results of analyses conducted on assigned tasks. At the end of these conferences, the contractor shall submit conference/trip reports. (CDRL A001)

3.11.3 Perform technical and engineering tasks related to ACS/SMS test benches. These test benches shall include the Ordnance F/A-18 ground test aircraft, MIL-STD-1760 test bench, Aircraft Armament System Simulation Engineering Test Station (AASSETS), and P-3 Maverick/SLAM test bench. The support tasks shall include some maintenance, instrumentation, and operational support during tests. Results shall be submitted in a written report. (CDRL A001)

3.11.4 Perform tasks related to the Ordnance weapons files. These tasks shall include researching the weapons' electrical and mechanical interfaces, comprehensive descriptions, a full history of weapon development, mass properties, and current authorized aircraft. Provide all data in sufficient detail for inclusion into technical documents. (CDRL A005)

### 3.12 STRUCTURAL INVESTIGATION

3.12.1 Perform engineering and technical tasks in support of the development, test and evaluation of military aircraft and weapon systems. The contractor shall collect, reduce and analyze structural test data and prepare recommended structural analysis technical reports which will be used by the government engineers to determine the flight worthiness of weapons and weapon systems. (CDRL A006)

3.12.2 Attend and participate in conferences with government engineers related to aircraft weapons structural compatibility test and evaluation to present recommended improvements and corrections of specifications, standards

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and manuals and to present the results of analyses conducted on assigned tasks. At the end of these conferences, the contractor shall submit conference/trip reports. (CDRL A001)

### 3.13 SATELLITE NAVIGATION (SATNAV), AIR TRAFFIC CONTROL AND LANDING SYSTEMS (ATCAL) SUPPORT

3.13.1 Test and Evaluation. The contractor shall provide test and evaluation support for SATNAV/ATCAL systems and products for testing to include bench, System Integration Laboratory (SIL), Hardware-in-the-loop (HITL), Manned Flight Simulator (MFS) / ACETEF, Installed System Test (IST), field, aircraft ground and flight testing.

3.13.1.1 Test Planning. The contractor shall provide both informal (customer format) and formal (NAWCAD format) test planning products for specified test evolutions. Test planning includes the analysis and definition of test requirements, scope, processes, procedures and objectives; the acquisition, reduction and analysis of test data; and the development of test resource requirements. The contractor shall provide engineering and technical assistance to investigate, analyze, and define air vehicle, avionics, ground/ship system, hardware and software, prototypes, flight test resources and other equipment/material requirements to accommodate test plan requirements.

3.13.1.2 Test Conduct. The contractor shall support test conduct including pre-test, test, and post-test activities for all types of testing from simulations, integration check-outs, through SIL, HITL, IST, and field/ flight test. Support flight testing to include scheduling support, test subject support, data monitoring and collection, test conduct, briefings/ debriefings, data analysis, and reporting. The contractor shall maintain data/ flight logs and support acquisition and transfer of data post-test.

3.13.1.3 Flight Support. The contractor shall provide for the leased use of commercial light aircraft for those tests requiring commercial flight support. The contractor shall support the acquisition of required equipment, hardware and software to support flight test objectives. The contractor shall support aircraft modifications in accordance with FAA airworthiness directives. The contractor shall support leased aircraft flight tests in accordance with approved NAWCAD Test Plan restrictions, limitations, and requirements.

3.13.1.4 Test Support. The contractor shall assess all required test support activities, tools, and process and develop and implement plans for improving and modifying them to meet future test requirements and efficiency goals.

3.13.1.5 Data Analysis and Reporting. The contractor shall analyze test data and compare against Verification Requirement Correlation Matrices (VRCM) and other test exit criteria. Analytical methods shall be documented. Data analysis software including source code shall be deliverable to the Government. When required, the contractor shall report results of testing within 24 hours through a Quick Look Report. Provide technical inputs or complete narratives of final test reports and messages. Based on observed test deficiencies, the contractor shall generate System Trouble Reports (STRs) for inclusion in the project Configuration Management (CM) files.

3.13.1.6 Simulation and Stimulation. The contractor shall support simulation and stimulation tools to enable the complete testing and demonstration of SATNAV/ATCAL systems. Overall development should strive for maximum reuse throughout all test and evaluation phases from SIL, HITL, IST and Flight Test. All developed simulation and stimulation products shall be deliverable to the Government including source code.

3.13.2 System Prototyping. The contractor shall provide for rapid prototyping systems, hardware and software, and platform integration to support technology development and demonstration. Prototype systems shall be NAPIE compatible unless otherwise specified in the TDL.

3.13.2.1 Prototype Hardware. As required by the project, the contractor shall procure the necessary prototype hardware to support prototyping efforts. Specification and requirements compliance shall be assessed. Prototype hardware includes commercial systems, military systems, ship and ground facilities.

3.13.2.2 Software Development. The contractor shall provide for software development in accordance with research and development objectives. The software may be part of an algorithm demonstration or as an embedded function of an integrated system. Software development standards, policies and procedures shall be specified per the task requirements in the TDL. As required, the contractor must be able to demonstrate compliance with ISO, SEI, and/or RICA DO-178 software quality assurance standards. All developed software products shall be deliverable to the Government including source code.

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3.13.2.3 Product Verification. The contractor shall conduct product verification for all delivered prototype software and hardware. Product verification simulations and tools shall be procured/developed as necessary. Off-line simulations shall fully complement installed systems. The contractor shall coordinate requirements for product verification to ensure the appropriate tools and capabilities are available. Product verification analyses and reports shall accompany system/ component delivery and/or integration with host systems. (CDRL A005)

3.13.2.4 Integration Support. As required, the contractor shall procure, design, fabricate, and/or install interconnect cabling, mounting fixtures, and other modifications necessary to accommodate prototype system integration with the host laboratory, simulation, facility, and/or air vehicle. The contractor shall develop laboratory (e.g. SIL, HITL, MFS), facility, ship and/or aircraft interface control documents, installation layouts, interconnect and wiring diagrams, and user manuals.

3.13.2.5 Configuration Management. The contractor shall support the configuration management of prototype hardware and software. This configuration management will be coordinated with overall SATNAV/ATCALs test and evaluation asset management. The contractor shall maintain a Configuration Management tracking tool as approved by the Government for each project. Configuration Control Boards (CCBs) shall be held as necessary during the product RDT&E evolution.

3.13.3 Science and Technology. The contractor shall perform research, design, development, test and evaluation engineering to support SATNAV/ATCALs science and technology development, insertion, demonstration, and assessment.

3.13.3.1 Technology Development and Demonstration. The contractor shall assess applicable SATNAV/ATCALs technologies requiring maturation and/or propose technical areas for broad S&T development. The contractor shall develop plans to develop the technologies and demonstrate them in a relevant fleet environment, such as aboard ship or on a Naval or customer aircraft. The contractor shall assist in the demonstration, analysis, and data reporting of each relevant technology.

3.13.3.2 Technology Insertion. The contractor shall assess candidate technologies for insertion into Navy or customer standard air vehicles, systems, avionics, ships, and ground facilities. The contractor shall assist in the planning and conduct of technology insertion activities including acquisition of relevant hardware, software, and integrated systems.

3.13.3.3 Technology, Process, and System Attribute. The contractor shall assess applicable SATNAV/ATCALs technologies to determine key technologies, processes and system attributes (TPSA's) requiring science and technology development.

3.13.3.4 Technology Readiness Level. Each TPSA shall be assessed according to the standard technology readiness level (TRL) scale. Risk shall be assessed and a plan for reducing risk developed with focused demonstrations.

3.13.4 Certification. The contractor shall perform design, development, test and evaluation engineering to support instrument flight certification of SATNAV/ATCALs equipment, avionics, facilities, and integrations for multiple customers including the Navy and FAA.

3.13.4.1 Certification Requirements Validation. The contractor shall support the verification and validation of certification requirements as published in Navy, FAA, RTCA, ICAO, and other documents. Results of the verification and validation process shall be documented in accordance with customer requirements.

3.13.4.2 Validation Forum Interface. When performing validation of commercial or military standards, the contractor shall participate in the commercial (RTCA, ICAO, AEEC) or military forums as authorized by the customer. The contractor shall participate in and coordinate feedback to the relevant standards forum.

3.13.4.3 Certification Process Engineering. The contractor shall provide engineering and technical services to support the certification process. This includes analysis of certification requirements and associated test procedures, designing validation tests and procedures, conducting tests of candidate equipment using stimulators / simulators, and performing validation field and flight tests as required.

3.13.4.4 Validation Tool Development. In order to support the certification engineering tasks, the contractor shall assess existing validation tools and recommend modifications, new procurements and/or developments to meet

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requirements. The contractor shall assist in the requirements generation, design, development, implementation, integration, testing, maintenance and support of the selected validation tools.

3.13.4.5 Certification Standards and Processes. The contractor shall develop certification standards and process documentation. Documentation may include both cross referencing with existing standards as well as generation of new requirements per the mission, requirements, and systems engineering analyses.

3.13.5 Program Support. The contractor shall provide program, engineering, and technical support through all phases of SATNAV/ ATCALs programs including science and technology, system concept, development, implementation, integration, developmental T&E, certification, and fleet support.

3.13.5.1 Team Leader Support. The contractor shall support the SATNAV/ATCALs AIR-5.1.6 project coordinator and team lead functions. The contractor shall provide for engineering and technical services to support the execution and management of each of these functions. The contractor shall develop inputs to SATNAV/ATC IPT planning documentation to ensure conformance with established directives, budgets, implementation requirements, available resources and program schedules.

#### 4.0 GOVERNMENT AVAILABLE AND ACCESSIBLE FACILITIES/EQUIPMENT

4.1 Government Available and Accessible Facilities: The Government will provide access to facilities in which to perform applicable statement of work requirements. These facilities are located Naval Air Warfare Center Aircraft Division, Patuxent River, MD. The Contractor may use on a rent-free, non-interference basis, as necessary for the performance of this task order, the Government property described below in paragraph 4.2.

4.2 Government Available Equipment and Publications: The Government will provide RDT&E ADP equipment and previously developed in house and publicly available software at the Government facilities to perform software development, data reduction and analysis, and related tasks as applicable to statement of work requirements. The Government will provide Navy Marine Corps Intranet computers for contractor personnel that have the need to access Government databases and networks. The Government will provide office furniture (i.e. tables, chairs, file cabinets, etc.) and Publications required to execute the tasks for those who will be located at the Government facility.

4.2.1 At a minimum, the following DoD documents are expected to be utilized in the performance of this Task Order:

- MIL-HDBK-244A                      Guide to Aircraft/Stores Compatibility
- MIL-HDBK-1763                    Aircraft/Stores Compatibility Data Requirements and Test Procedures
- MIL-STD-1289                     Aircraft/Stores Ground Fit Requirements
- MIL-HDBK-516A                    Airworthiness Certification Criteria

#### 5.0 TRAVEL

5.1 The contractor may be required to travel off site to provide support services. All trips taken by contractor personnel shall be in accordance with specific task requirements and Joint Travel Regulations.

#### 6.0 MATERIAL

6.1 The contractor shall provide material, equipment and other items (e.g., incidental specialized parts, repair items, etc.) which are necessary or integral to the performance of technical and engineering services under this contract. It will be necessary for the contractor to have a material funding allocation (CLIN) to immediately respond to system development requirements, system failures, and system operation requirements.

6.2 All material requirements will be approved as stated in Section H clause 5252.242-9515. No material with a unit cost of \$250,000 or greater may be procured under the contract. No material procurement with a total value of \$700,000 or greater may be procured under this contract. For further guidance see Section H clause 5252.242-9515. Material requirements are projected to consist of the following:



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Nomenclature	Part Number	Quantity	Total Cost
TBD			

## 7.0 NAVY MARINE CORP INTRANET (NMCI)

Effective 01 October 2015, the Government will provide all NMCI services; to include IT related hardware, software, and support, necessary for the performance of this contract/order. Coordination of these services is to be conducted through the COR. Disposition or transfer instructions of previously acquired NMCI assets will be provided by the PCO as appropriate. As such, the requirements of paragraph 7.5 of this SOW, to provide an inventory of services via monthly status report (CDRL A001), is no longer required beyond 01 October 2015.

7.1 This Support Services contract requires the use of and/or access to Department of Navy (DoN) Information Technology (IT) Resources by contractor personnel for contract performance. Applicable DoN IT Resources for performance of this contract shall be procured from the NMCI Contractor pursuant to the authority on NMCI Contract # N00039-10-D-0010, "Ordering" clause.

7.2 The contractor shall procure the NMCI Services as identified in individual tasks for contract performance. **See Attachment 8, "NAVAIR Processes and Procedures for Direct Funded Contracts (DFCs) requiring Navy Marine Corps Intranet (NMCI) access".**

7.3 Upon contract award, the Support Services contractor shall obtain written authorization from the Contracting Officer executing this contract, prior to ordering directly from the NMCI Contractor. No NMCI Order may be placed without prior written authorization of the Contracting Officer. **The contractor shall use the "NMCI Requisition Approval Form" in Attachment 7 for written authorization from the Contracting Officer.** Any NMCI Order exceeding the written authorization of the Contracting Officer shall be treated as an unallowable cost pursuant to FAR Part 31.

7.4 The procurement of NMCI services shall be charged in accordance with the contractor's disclosed or established cost practice. If a direct charge, the Government shall reimburse the contractor for the placement of NMCI orders including applicable indirect burdens (general and administrative, etc.), excluding profit or fee.

7.5 The contractor shall include inventory of services with monthly status report. An electronic format (Excel spreadsheet) is acceptable containing the following column headings: CLIN number, CLIN description, quantity, location of services, purchase order number, when purchased, when terminated. The spreadsheet will be labeled clearly at the top with the company name, CDRL number, titled NMCI Services Inventory Report, date of report, and point of contacts name for questions. The COR will be responsible for monitoring the said inventory status. (CDRL A001)

7.6 The contractor shall supply proof of NSA disposal for hard drives in the monthly status report and the final report at contract termination. Proof of NSA disposal shall consist of a scanned or faxed copy of the itemized Classified Material Conversion (CMC) receipt that is returned from NSA at time of destruction. The CMC receipt shall be retained by the government COR for two years from date of disposal. (CDRL A001)

## 8.0 SECURITY REQUIREMENTS

8.1 All contractor personnel supporting tasks under this order must have or be able to obtain a security clearance that is appropriate for the position and services provided under this PBSOW. (Refer to DD Form 254, Attachment 3).

8.2 Only U.S. citizens may perform under this PBSOW. Any person with a valid security clearance will be eligible to perform under this PBSOW. All contractor personnel supporting tasking under this PBSOW must be able to

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obtain an appropriate security clearance.

8.3 Identification Badges/Base Access: Contractor identification badges shall be issued by the Government to on-site contractor personnel and must be visible at all times while contractor employees are at NAVAIR sites. The contractor must furnish all requested information required to facilitate issuance of identifications badges and must conform to applicable regulations concerning the use and possession of the badges (See NAVAIR Clause 5252.204-9502 in Section H - Requirements for Local Security System (NAVAIR) (OCT 2005)). The contractor shall be responsible for ensuring that all identification badges issued to contractor employees are returned to the Security Department at NAVAIR within 48 hours following the completion of the contract relocation, or termination of an employee, or upon the request of the Contracting Officer. Contact the COR identified in clause 5252.201-9501 of this task order for information on base access.

8.4 Identification of Contractor Personnel: Corporation affiliation shall be references on all written documentation that refers to contractor personnel. This is required for internal and external communications. Similarly, the contractor affiliation shall be identified when answering phone calls, and at the beginning of any meeting or conference where contractor personnel are in attendance. Information Technology Security: The Department of the Navy (DON) Automated Data Processing (ADP) Security Program outlined in OPNAVINST 5239.1B, or the most current version of this instruction, applies to all efforts under this contract.

8.5 The security requirements are specified in accordance with the DD Form 254. (Attachment 3).

8.6 System Authorization Access Request (SAAR). Contractor personnel requiring a Common Access Card (CAC) or access to Government Information Technology (IT) systems shall submit a DD Form 2875, (Attachment 4), for approval and certify completion of Annual Information Awareness Training. (CDRL A003)

## 9.0 PERSONNEL REQUIREMENTS

9.1 The contractor shall be responsible for employing personnel having the following minimum levels of education, professional and technical experience. These qualifications listed below are only a baseline; contractors should strive for technical excellence in personnel by demonstrating they have acquired superior knowledge, experience and qualifications beyond the “minimum personnel qualifications” listed below.

9.2 The specialized experience included as part of the required qualifications shall have been obtained in the fields of endeavor indicated by the applicable “minimum personnel qualifications”. Unless stated otherwise in the “minimum personnel qualifications”, a minimum of two years of the overall requirement shall have been obtained in the last five years. In cases requiring experience of more than five years, at least five years of the total experience must be within the past five years. Key personnel designated with an asterisk (\*) or are defined as “Key” are those who will be performing in Key Labor Categories.

9.3 Personnel requiring a security clearance, must have, or be able to obtain the appropriate security clearance as stated on the DD Form 254. Proof of U.S.Citizenship is required in order to be permitted access to Government installation, aircraft, and ships. Contact the COR for information on base access.

9.4 As used in the “minimum personnel qualifications” in paragraph 9.6 below for this contract, the terms indicated below shall be defined or their meaning qualified as follows:

## 9.5 DEFINITIONS

ABET (Accreditation Board for Engineering and Technology) – ABET accreditation is assurance that a college or university program meets the quality standards established by the profession for which it prepares its students. An accredited engineering program must meet the quality standards set by the engineering profession. An accredited computer science program must meet the quality standards set by the computing profession. ABET accredits postsecondary degree-granting programs housed within regionally accredited institutions. ABET accredits programs only, not degrees, departments, colleges, or institutions.

ADP - Automated Data Processing

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

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

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

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

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

equivalency certification - state-administered official document given to those individuals who meet the necessary eligibility requirements and have performed sufficiently well on the standardized exam.

experience and years of experience -

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

b) When used in relation to requirements for a particular term or period of participation, "years of experience" shall mean full, productive years of participation. Productive years are work years of fifty-two weeks reduced by reasonable amounts of time for holiday, annual, and sick leave. If participation was part-time, or if less than one-half of the standard work week was spent performing qualifying functions, the actual time spent performing qualifying functions may be cumulated to arrive at full years (or years and months) of experience. For example, only the actual number of full days (or full-day equivalents) of duty or drills completed during a year of military reserve participation, or in other qualifying part-time employment or practice may be cumulated toward years of experience. Qualifying part-time experience performed in addition to other full-time qualifying employment during the same period of time may be cumulated on a full-time equivalent basis and added to the full-time experience to satisfy a total experience requirement.

FW - defined as "Force Warfare Aircraft".

key personnel - those who will be performing in the "key" categories of labor and are defined below with the word "key" next to the labor category.

NAPIE - Navigation Avionics Platform Integration Emulator

post-graduate degree

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

practical experience - an employee who has hands-on experience of something and has done or used it rather than just read or learned about it.

responsible engineering duties - defined as planning, monitoring, conducting, analysis, and reporting in a test area.

RW - defined as "Rotary Wing Aircraft".

SAP/Navy ERP - SAP (Systems, Applications and Products) offers ERP (Enterprise Resource Planning) integrated information systems from various industry functions under one system.

SA - defined as "Strike Aircraft".

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

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

UAV - defined as “Unmanned Air Vehicle”.

## 9.6 MINIMUM PERSONNEL QUALIFICATIONS

### **Adding or Substituting Key Personnel during Contract Award -**

In compliance with NAVAIR Clause 5252.237-9501 "ADDITION OR SUBSTITUTION OF KEY PERSONNEL," ManTech Systems Engineering Corporation acknowledges that 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 replace. Contracting Officer approval is required.

### **PROGRAM MANAGER (KEY) \***

A. Functions: Acts as the overall lead, manager and administrator for the contracted effort in support of aircraft subsystems, ACAT III-IV programs or AAPs. Serves as the primary interface and point of contact with Government program authorities and representatives on technical and program/project issues. Oversees contractor personnel program/project operations by developing procedures, planning and directing execution of the technical, programming, maintenance and administrative support effort and monitoring and reporting progress. Manages acquisition and employment of program/project resources and controls financial and administrative aspects of the program/project with respect to contract requirements.

B. Education: BS or BA degree in Business Administration or other "Relevant Technical Discipline". An AS or AA degree and an additional four (4) years of experience may be substituted for a BA/BS or an additional eight (8) years of experience may be substituted for a BA/BS.

C. Experience: At least six (6) years of professional experience in the Defense acquisition, and three (3) years of experience in support of Navy Acquisition management. Experience with aircraft systems, hardware and software, configuration control, test and evaluation, systems integration, and systems supportability. Experience in initiating and maintaining technical direction within broad program objectives directly related to aircraft systems, hardware and software, configuration control, test and evaluation, systems integration, and systems supportability. Knowledgeable of acquisition policies and procedures. Demonstrated knowledge of and experience with the requirements of the DOD 5000 series. Demonstrated ability to work with large and diverse teams and the ability to effectively provide guidance, direction, and supervision in all areas of contracted effort such as program management, systems engineering, major system acquisitions, and financial management.

D. Security Clearance: A current secret security clearance is required.

### **SENIOR FLIGHT TEST ENGINEER (KEY) \***

A. Functions: Independently applies engineering principles to investigate, analyze, plan, design, develop, implement, test and/or evaluate aircraft and aircraft related systems. Reviews and prepares engineering and technical analyses, reports, change proposals, and other technical documentation. Applies engineering experience to perform functions such as system integration, configuration management, quality assurance testing, or acquisition and resource management. Assignments may involve complex test and evaluation of hardware and/or software related to engineering or functional requirements of military weapon system, associated support system, or management information systems. Acts as engineering team leader, developing engineering procedures and controls, managing project efforts, and taking the lead in problem resolution. Interfaces with system or program contractors, vendors,

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and Government representatives regarding the technical aspects of engineering programs/projects.

B. Education: A bachelor's (postgraduate degree preferred) in an engineering discipline from a school of engineering having at least one professional engineering curriculum which was accredited by the Accreditation Board for Engineering and Technology (ABET).

C. Experience: In addition to the education cited above, the following specific experience is required and may have been obtained concurrently:

1. At least seven years of practical experience in the engineering field.
2. At least five years experience in the area of development, test and evaluation of complex major aircraft systems and subsystems.
3. At least four years experience as a team leader or supervisor performing engineering management functions including one or a combination of the following areas is required: aircraft flying qualities and flight controls; aircraft development, test, and evaluation conduct; structures, aircraft weapon separation and compatibility, Air Traffic Control and Landing Systems, aircraft propulsion; power systems; system/subsystem development, test & evaluation, or design.

D. Security Clearance: A current secret security clearance is required.

### **FLIGHT TEST ENGINEER**

A. Functions: Applies engineering principles to investigate, analyze, plan, design, develop, implement, test and/or evaluate aircraft and aircraft related. Reviews and prepares engineering and technical analyses, reports, change proposals, and other technical documentation. Applies engineering experience to perform functions such as system integration, configuration management, quality assurance testing, or acquisition and resource management. Analyzes, designs, develops, implements, tests and/or evaluates automated data processing software related to engineering or functional requirements of aircraft flight control systems, system integration, configuration management, quality assurance testing, military weapon systems, associated support systems, or management information systems or acquisition and resource management. Assignments may involve complex test and evaluation of hardware and/or software related to engineering or functional requirements of military weapon system, associated support system, or management information systems.

B. Education: A bachelor's degree in an engineering discipline from a school of engineering having at least one professional engineering curriculum which was accredited by the ABET.

C. Experience: In addition to the education cited above, the following specific experience is required and may be obtained concurrently:

1. At least five years of practical experience in the engineering field.
2. At least four years experience must be in the area of development, test and evaluation of aircraft weapon systems.
3. A minimum of three years of direct experience in one or a combination of the following areas is required: aircraft flying qualities and flight controls; aircraft development, test, and evaluation conduct; structures, aircraft weapon separation and compatibility, Air Traffic Control and Landing Systems, aircraft propulsion; power systems; system/subsystem development, test & evaluation, or design.

D. Security Clearance: A current secret security clearance is required.

### **SENIOR SYSTEMS ENGINEER (KEY) \***

A. Functions: Independently applies engineering principles to investigate, analyze, plan, design, develop, implement, test, or evaluate military weapon systems. Reviews and prepares engineering and technical analyses,

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reports, change proposals, and other technical documentation. Applies engineering experience to perform functions such as system integration, configuration management, quality assurance testing, or acquisition and resource management. Analyzes, designs, develops, implements, tests, or evaluates automated data processing software related to engineering or functional requirements of military weapon systems, associated support systems, or management information systems. Manages electronics testing resources and acts as engineering team leader, developing engineering procedures and controls, managing project efforts, and taking the lead in problem resolution. Interfaces with system or program contractors, vendors, and Government representatives regarding the technical aspects of engineering programs/projects.

B. Education: A Bachelor's Degree in electrical/electronics engineering or other technical disciplines (postgraduate degree preferred) from a school of engineering which was accredited by the Accreditation Board for Engineering and Technology (ABET).

C. Experience: In addition to the education cited above, the following specific experience is required and may have been obtained concurrently:

1. At least seven years of professional engineering experience.

2. At least four years of the foregoing total experience performing engineering functions with respect to Navy weapons systems. A post-graduate degree in a related field may be substituted for two years of experience.

D. Security Clearance: A current secret security clearance is required.

**SENIOR ENGINEER (KEY) \***

A. Functions: Independently applies engineering principles to investigate, analyze, plan, design, develop, implement, test and/or evaluate aircraft systems. Reviews and prepares engineering and technical analyses, reports, change proposals, and other technical documentation. Applies engineering experience to perform functions such as system integration, configuration management, quality assurance testing, or acquisition and resource management. Assignments may involve complex test and evaluation of hardware and/or software related to engineering or functional requirements of military weapon system, associated support system, or management information systems. Acts as engineering team leader, developing engineering procedures and controls, managing project efforts, and taking the lead in problem resolution. Interfaces with system or program contractors, vendors, and Government representatives regarding the technical aspects of engineering programs/projects.

B. Education: A bachelor's (postgraduate degree preferred) in an engineering discipline from a school of engineering having at least one professional engineering curriculum which was accredited by the Accreditation Board for Engineering and Technology (ABET).

C. Experience: In addition to the education cited above, the following specific experience is required and may have been obtained concurrently:

1. At least five years experience in the area of development, test and evaluation of complex major aircraft systems and subsystems.

2. At least three years of the foregoing total experience shall have been as a team leader performing the foregoing engineering management functions including budgeting, coordination, and scheduling of technical resources. A post-graduate degree in a related field may be substituted for two years of development, test, and evaluation experience.

D. Security Clearance: A current secret security clearance is required.

**ENGINEER**

A. Functions: Applies engineering principles to investigate, analyze, plan, design, develop, implement, test and/or evaluate aircraft systems. Reviews and prepares engineering and technical analyses, reports, change proposals, and other technical documentation. Applies engineering experience to perform functions such as system integration, configuration management, quality assurance testing, or acquisition and resource management.

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Assignments may involve complex test and evaluation including flight testing of hardware and/or software related to engineering or functional requirements of military weapon system, and associated support system.

B. Education: A bachelor's degree in an engineering discipline from a school of engineering having at least one professional engineering curriculum which was accredited by the ABET.

C. Experience: In addition to the education cited above, the following specific experience is required and may be obtained concurrently.

1. At least three years experience in the area of development, test and evaluation of complex major aircraft systems and subsystems.

2. At least two year of the foregoing total experience supporting engineering management functions including budgeting, coordination, and scheduling of technical resources. A post-graduate degree in a related field may be substituted for two years of experience.

D. Security Clearance: A current secret security clearance is required.

### **JUNIOR ENGINEER**

A. Functions: Applies engineering principles to investigate, analyze, plan, design, develop, implement, test and/or evaluate aircraft systems. Reviews and prepares engineering and technical analyses, reports, change proposals, and other technical documentation. Applies engineering experience to perform functions such as system integration, configuration management, quality assurance testing, or acquisition and resource management. Assignments may involve complex test and evaluation of hardware and/or software related to engineering or functional requirements of military weapon system, associated support system, or management information systems.

B. Education: A bachelor's degree in an engineering discipline from a school of engineering having at least one professional engineering curriculum which was accredited by the ABET.

C. Security Clearance: A Secret clearance is required.

### **SENIOR ENGINEERING TECHNICIAN (KEY) \***

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

B. Education:

1. High school graduate or equivalency certification and;

2. Completion of a technical school, trade school, or advanced armed services technical school curriculum or course of training in electricity, electronics, avionics, mechanics, armaments/ordnance, or engineering technology; or completion of at least 30 semester hours (45 quarter hours) of course studies at an accredited college or university in an engineering, scientific, or technical curriculum.

C. Experience: In addition to the education cited above, the following specific experience is required:

1. At least seven years of experience in performing the foregoing functions.

2. At least five years total experience shall have consisted of performing engineering technical functions with respect to Naval aircraft systems and subsystems.

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3. At least four years of total experience shall have been as a team leader or supervisor performing the foregoing management functions using applicable military safety regulations. A High School diploma and an additional two years of experience may be substituted for the educational requirement.

D. Security Clearance: A current secret security clearance is required.

### **ENGINEERING TECHNICIAN**

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

B. Education:

1. Successful completion of a technical school, trade school, or advanced armed services technical school curriculum or course of training in electricity, electronics, avionics, mechanics, armaments/ordnance, or engineering technology; or completion of at least 30 semester hours (45 quarter hours) of course studies at an accredited college or university in an engineering, scientific, or technical curriculum. A High School Diploma and two additional years of experience may be substituted for the educational requirement.

C. Experience: In addition to the education cited above, the following specific experience is required:

1. At least four years of experience in performing the foregoing functions.

2. At least three years total experience shall have consisted of performing engineering technical functions with respect to military aircraft systems and subsystems.

D. Security Clearance: A current secret security clearance is required.

### **JUNIOR ENGINEERING TECHNICIAN**

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

B. Education:

1. Successful completion of a technical school, trade school, or advanced armed services technical school curriculum or course of study in electricity, electronics, avionics, mechanics, armaments/ordnance or engineering technology; or, successful completion of at least 30 semester hours (45 quarter hours) of course studies at an accredited college or university in an engineering, scientific, or technical curriculum. A High School Diploma and two additional years of experience may be substituted for the educational requirement.

C. Experience: In addition to the education cited above, the following specific experience is required

1. At least one year of experience in performing the foregoing functions.

2. At least six months experience shall have consisted of performing foregoing engineering/technical functions



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with respect to military aircraft systems or subsystems.

D. Security Clearance: A current Secret clearance is required.

### **SENIOR SYSTEMS ANALYST (KEY) \***

A. Functions: Independently apply knowledge of computer science principles, info management principles, ADP functions, hardware and software systems structures and operation, and computer programming languages and techniques to solve automation problems. Demonstrated ability to address scientific, engineering or business objectives by writing, modifying, or adapting computer programs, and to interface with and use computer systems in addressing project objectives. Independently use mathematical/ programmatic approaches to define, plan, organize, design, develop, modify, test, and integrate database or computer systems or models. Formulate architectural design, specification, interface, and documentation of systems. Research unconventional applications of software and operating systems in designing and developing new methodologies, modifications, or adaptations of standardized techniques. Responsible for developing project plans, guidelines, and controls. May act as team or project leader.

B. Education:

1. A bachelor's degree in computer science, information systems management, mathematics, operations research, statistics, or engineering from an accredited college or university.

C. Experience: In addition to the education cited above, the following specific experience is required:

1. A total of at least six years of experience performing the foregoing functions.

2. At least three years of experience shall have been as a team leader or supervisor and at least two years of experience shall have been with aircraft systems and/or subsystems. A post-graduate degree in a related field may be substituted for two years of experience.

OR

B) Education: Completion of a technical school, trade school, or advanced armed services technical school ; OR a course of training in electricity, electronics, avionics, mechanics, armaments/ordnance, or engineering technology; OR completion of at least 60 semester hours (90 quarter hours) of course studies at an accredited college or university in a engineering, scientific, or technical curriculum.

C) Experience: In addition to the education cited above, the following specific experience is required:

1) A total of at least ten years of experience performing the foregoing functions.

2) At least five years total experience specified shall have consisted of performing engineering technical functions with respect to Naval aircraft systems and subsystems.

3) At least four years of total experience shall have been as a team leader or supervisor .

D. Security Clearance: A current secret security clearance is required.

### **SYSTEMS ANALYST**

A. Functions: Applies knowledge of analytical methodologies, concepts and technique, mathematics, and methods of statistical analysis to develop and apply solutions to engineering, scientific, or business data acquisition and management problems. Uses mathematical, statistical, and scientific logic to identify conceptual or theoretical solutions to problems of hardware and software system design and operation. Analyses and formulates architectural and functional specifications, interfaces, and data requirements for assigned projects.

B. Education: A bachelor's degree in computer science, Info systems, math, operations research, statistics, or engineering from an accredited college or university.

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C. Experience: In addition to the education cited above, the following specific experience is required:

1. A total of at least three years of experience performing the foregoing functions.

2. At least two years of the foregoing experience shall have been with aircraft systems and/or subsystems. A post-graduate degree in a related field may be substituted for two years of experience.

D. Security Clearance: A current secret security clearance is required.

### **JUNIOR SYSTEMS ANALYST**

A. Functions: With guidance applies knowledge of analytical methodologies and technique, mathematics, and methods of statistical analysis to develop solutions to engineering, scientific, or business data acquisition and management problems. Uses mathematical, statistical, and scientific logic to identify conceptual or theoretical solutions to problems of hardware or software system design and operation. Analyses and formulates architectural and functional specifications, interfaces, and data structures. Researches applications for use on assigned projects.

B. Education: A Bachelor's Degree in computer science, information systems management, mathematics, operations research, statistics, or engineering from an accredited college or university.

C. Experience: At least one year of experience performing the foregoing functions. At least six months of experience shall have been with aircraft systems and/or subsystems. A post graduate degree in a related field may be substituted for experience.

OR

B) Education: Completion of a technical school, trade school, or advanced armed services technical school ; OR a course of training in electricity, electronics, avionics, mechanics, armaments/ordnance, or engineering technology; OR completion of at least 24 semester hours (48 quarter hours) of course studies at an accredited college or university in a engineering, scientific, or technical curriculum.

C) Experience: At least three years experience performing the foregoing functions. At least two years total experience shall have consisted of performing engineering technical functions with respect to Naval aircraft systems and subsystems. A high school diploma and four additional years of aircraft systems experience may be substituted for the education requirement.

D. Security Clearance: A current Secret clearance is required.

### **TECHNICAL WRITER**

A. Functions: Applies engineering techniques, principles and precedents to develop, design, and modify scientific, technical, engineering or other professional material. Develops and maintains reports, articles, manuals, specifications, presentation materials, and other technical documents utilizing military documentation and format standards. Provides analysis of applies engineering, technical or maintenance specification, policies, standards, or procedure. Organizes, analyzes, and prepares reports or presentations of technical data and information. Compiles, processes, reduces, or analyzes test data and results.

B. Education:

1. High school graduate or equivalency certification, plus,

2. Completion of a technical school, trade school, or advanced armed services technical school or completion of at least 10 hours of course studies at an accredited college or university in engineering, scientific, or technical curriculum.

C. Experience:

1. At least four years of technical experience in performing the foregoing function.

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D. Security Clearance: A current Secret clearance is required.

**TECHNICAL SPECIALIST**

A. Functions: Applies engineering techniques to investigate, analyze, plan, design, develop, implement, test or evaluate analyses, reports, change proposals, and other technical documentation. Performs functions such as system integration, configuration management, quality assurance testing, or acquisition and resource management. Analyzes, designs, develops, implements, tests or evaluates automated data processing software related to engineering or functional requirements of military weapons systems, associated support systems, or management information systems.

B. Education: High school diploma or equivalency certification.

C. Experience:

1. A total of at least eight years of aviation experience performing the foregoing function.
2. At least five years experience in the area of development, test and evaluation of complex major aircraft systems and subsystems.

D. Security Clearance: A current secret security clearance is required.

**ADMINISTRATIVE ASSISTANT**

A. Functions: Conducts administrative and record keeping for major programs. Has knowledge of office management, methods, and procedures and maintaining documentation, correspondence, records, or directives. Reports on matters related to project/program progress and status documentation, budget, finance, property accounting, or personnel management. May manage or supervise administrative aspects of contractors operations.

B. Education: High school graduate or equivalency certification.

C. Experience:

1. Five years experience in office management, filing, and related office equipment operations.
2. Three years experience with the Naval Message preparation software and instructions, NAVAIR enterprise SAP/ Navy ERP functions, and the Travel Manager system.

D. Security Clearance: A current Secret clearance is required.

**9.7 LABOR CATEGORY MATRIX**

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

9.7.2 The Labor Category matrix provided below illustrates the relationship between the applicable labor categories of this solicitation and their respective Service Contract Act Wage Determination Equivalent Categories.

9.7.2.1 The Government historical estimate is 592,800 hours for the entire work effort. A work-year is defined as 1920 hours exclusive of holidays and leave. The contractor shall propose the following labor hours per labor category as indicated below:

<b>Labor Category</b>	<b>SCA Code</b>	<b>BASE Hours</b>	<b>OPTION I Hours</b>	<b>OPTION II Hours</b>	<b>TOTAL</b>

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Program Manager *	Exempt	1,500	1,500	1,500	4,500
Senior Flight Test Engineer *	Exempt	7,000	7,000	7,000	21,000
Flight Test Engineer	Exempt	8,000	8,000	8,000	24,000
Senior Systems Engineer *	Exempt	15,000	15,000	15,000	45,000
Senior Engineer *	Exempt	7,000	7,000	7,000	21,000
Engineer	Exempt	6,000	6,000	6,000	18,000
Junior Engineer	Exempt	5,000	5,000	5,000	15,000
Senior Engineering Technician *	Exempt	10,000	10,000	10,000	30,000
Engineering Technician **	<b>30082</b>	38,000	38,000	38,000	114,000
Jr. Engineering Technician **	<b>30081</b>	39,500	39,500	39,500	118,500
Senior Systems Analyst *	Exempt	23,000	23,000	23,000	69,000
Systems Analyst	Exempt	15,000	15,000	15,000	45,000
Junior Systems Analyst	Exempt	13,000	13,000	13,000	39,000
Technical Writer **	<b>30462</b>	1,920	1,920	1,920	5,760
Technical Specialist	Exempt	3,840	3,840	3,840	11,520
Administrative Assistant **	<b>01020</b>	3,840	3,840	3,840	11,520
<b>TOTALS</b>		<b>197,600</b>	<b>197,600</b>	<b>197,600</b>	<b>592,800</b>

\* Key Personnel

\*\* Service Contract Act Category

## CLAUSES IN FULL TEXT

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

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

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

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

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

(End of Clause)

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

The Contractor's Technical Proposal Number P15848A, dated March 2, 2012, and any amendments/addendums thereof, is incorporated herein by reference, unless otherwise specified, with the same force and effect as if set forth in full text. Nothing in the Contractor's proposal shall constitute a waiver of any of the provisions of the contract, including the Statement(s) of Work and Specification. For purposes of FAR Clause 52.215-8, "Order of Precedence", the Contractor's technical proposal shall be considered a "Specification" but the Government's Specification shall take precedence over the Contractor's technical proposal.

(End of Clause)

**C-TXT-ECMRA REQUIRED ENTERPRISE-WIDE CONTRACTOR MANPOWER REPORTING APPLICATION (ECMRA) INFORMATION**

The contractor shall report contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the [NAMED COMPONENT] via a secure data collection site. Contracted services, excluded from reporting are based on Product Service Codes (PSCs). The excluded PSCs are:

- (1) W, Lease/Rental of Equipment;
- (2) X, Lease/Rental of Facilities;
- (3) Y, Construction of Structures and Facilities;
- (4) D, Automatic Data Processing and Telecommunications, IT and Telecom - Telecommunications Transmission (D304) and Internet (D322) ONLY.
- (5) S, Utilities ONLY;
- (6) V, Freight and Shipping ONLY.

The contractor is required to completely fill in all required data fields using the following web address "https://doncmra.nmci.navy.mil".

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

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## **SECTION D PACKAGING AND MARKING**

### **Section D information is applicable to CLINS 6X03 & 9X03.**

Note: Unless otherwise specified in the task order, all provisions and clauses of Section D of the Basic Seaport-e Multiple Award Contract (MAC) are applicable to this task order, in addition to the following:

All deliverables shall be delivered to the Contracting Officer's Representative (COR) at the address noted in the Section "F" NAVAIR CLAUSE 5252.247-9505 - TECHNICAL DATA AND INFORMATION (FEB 1995).

Items 6X03 & 9X03 - The data to be furnished hereunder shall be packaged, packed, and marked in accordance with Exhibit (A), DD Form 1423, Contract Data Requirements Lists (CDRLs A001-A006) and Exhibit B (CDRL A007).

### **CLAUSES IN FULL TEXT**

**10RA HQ D-1-0001 DATA PACKAGING LANGUAGE (DEC 2005)** All unclassified data shall be prepared for shipment in accordance with best commercial practice. Classified reports, data, and documentation shall be prepared for shipment in accordance with National Industrial Security Program Operating Manual (NISPOM), DOD 5220.22-M dated 28 February 2006.

(End of Clause)

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

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

(1) name and business address of the Contractor

**ManTech Systems Engineering Corporation  
46610 Expedition Drive, Suite 101  
Lexington Park, MD 20653**

(2) contract number

**N00178-04-D-4080**

(3) task order number

**M803**

(4) sponsor & requiring activity address:

**Refer to the COR identified in clause 5252.201-9501 of this task order for the sponsor & requiring activity address.**

(End of Clause)

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## SECTION E INSPECTION AND ACCEPTANCE

### Section E information is applicable to CLINs 4XXX, 6XXX, 7XXX, and 9XXX.

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

Items 4000, 4010, 4020, 6001, 6002, 6004; Option Items 4100, 4120, 6101, 6102, 6104; 4200, 4210, 4220, 6201, 6202 6204; Items 7000, 7010, 7001, 7002, 7004; Option Items 7100, 9101, 9102, & 9104 - Inspection and acceptance of the services called for hereunder shall be performed in accordance with Section C at the destination approved by the cognizant Procuring Contracting Officer (PCO)/Contracting Officer's Representative (COR). The Government will monitor the Contractor's performance to assure compliance with the contract requirements, inclusive of the terms and conditions, in accordance with Section C Performance Based Statement of Work and Section J, Attachment 1 - Quality Assurance Surveillance Plan (QASP). Final acceptance of all associated Contract Data Requirements List (CDRL), DD Form 1423 Exhibit A (A001-A006) and Exhibit B (A007) under the associated Items 6003, Options 6103 and 6203 must be completed prior to final acceptance of the services identified herein.

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

Items 6003, 9003, Option Items 6103, 6203, & 9103 - Inspection and acceptance of the data to be furnished hereunder by the Contractor shall be in accordance with Exhibit A (A001-A006) and Exhibit B (A007) Contract Data Requirements List, DD Form 1423 in support of CLINs 4000, 4010, 4020, 6001, 6002, 6004; 4100, 4120, 6101, 6102, 6104; 4200, 4210, 4220, 6201, 6202 6204; 7000, 7010, 7001, 7002, 7004; and 7100, 9101, 9102, & 9104. Acceptance shall be performed by the first addressee listed in the distribution list under Block 14 and in accordance with Block 16 of the DD Form 1423.

Supplies/Services will be inspected/accepted at:

CLINs	INSPECTION AT	INSPECTION BY	ACCEPTANCE AT	ACCEPTANCE BY
4000	Destination	Government	Destination	Government
4010	Destination	Government	Destination	Government
4020	Destination	Government	Destination	Government
4100	Destination	Government	Destination	Government
4120	Destination	Government	Destination	Government
4200	Destination	Government	Destination	Government
4210	Destination	Government	Destination	Government
4220	Destination	Government	Destination	Government
7000	Destination	Government	Destination	Government
7010	Destination	Government	Destination	Government
7100	Destination	Government	Destination	Government
6001	Destination	Government	Destination	Government
6002	Destination	Government	Destination	Government
6003	Destination	Government	Destination	Government
6004	Destination	Government	Destination	Government
6101	Destination	Government	Destination	Government
6102	Destination	Government	Destination	Government
6103	Destination	Government	Destination	Government
6104	Destination	Government	Destination	Government

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6201	Destination	Government	Destination	Government
6202	Destination	Government	Destination	Government
6203	Destination	Government	Destination	Government
6204	Destination	Government	Destination	Government
9001	Destination	Government	Destination	Government
9002	Destination	Government	Destination	Government
9003	Destination	Government	Destination	Government
9004	Destination	Government	Destination	Government
9101	Destination	Government	Destination	Government
9102	Destination	Government	Destination	Government
9103	Destination	Government	Destination	Government
9104	Destination	Government	Destination	Government



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## SECTION F DELIVERABLES OR PERFORMANCE

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

4000	3/27/2012 - 3/26/2013
4010	3/27/2012 - 3/26/2013
4020	3/27/2012 - 3/26/2013
4100	3/27/2013 - 3/26/2014
4120	3/27/2013 - 3/26/2014
4200	3/27/2014 - 3/26/2015
4210	3/27/2014 - 3/26/2015
4220	3/27/2014 - 3/26/2015
6001	3/27/2012 - 3/26/2013
6002	3/27/2012 - 3/26/2013
6003	3/27/2012 - 3/26/2013
6004	3/27/2012 - 3/26/2013
6011	3/27/2012 - 3/26/2013
6012	3/27/2012 - 3/26/2013
6014	3/27/2012 - 3/26/2013
6101	3/27/2013 - 3/26/2014
6102	3/27/2013 - 3/26/2014
6103	3/27/2013 - 3/26/2014
6104	3/27/2013 - 3/26/2014
6201	3/27/2014 - 3/26/2015
6202	3/27/2014 - 3/26/2015
6203	3/27/2014 - 3/26/2015
6204	3/27/2014 - 3/26/2015
6212	10/24/2014 - 3/26/2015
7000	3/27/2015 - 3/26/2016
7010	5/13/2015 - 3/26/2016
7100	3/27/2016 - 2/28/2017
7110	3/27/2016 - 2/28/2017
9001	3/27/2015 - 3/26/2016
9002	3/27/2015 - 3/26/2016
9003	3/27/2015 - 3/26/2016
9004	3/27/2015 - 3/26/2016
9101	3/27/2016 - 2/28/2017
9102	3/27/2016 - 2/28/2017
9103	3/27/2016 - 2/28/2017

### CLIN - DELIVERIES OR PERFORMANCE

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

This Seaport-e MAC Task Order incorporates one (1) base year and two (2) one year option periods as delineated

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below:

	CLINs	PERIOD OF PERFORMANCE
Base Period	4000, 4010, 4020, 6001, 6011, 6002, 6012, 6003, 6004, 6014	27 Mar 2012 - 26 Mar 2013
Option Period I	4100, 4120, 6101, 6102, 6103, 6104	27 Mar 2013 - 26 Mar 2014
Option Period II	4200, 4210, 4220, 6201, 6202, 6212, 6203, 6204	27 Mar 2014 - 26 Mar 2015
Level of Effort Extension (OY3)	7000, 7010, 9001, 9002, 9003, 9004	27 Mar 2015 - 26 Mar 2016
Option for Additional Level of Effort (OY4)	7100, 9101, 9102, 9103, 9104	27 Mar 2016 - 3 May 2016

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

4000	3/27/2012 - 3/26/2013
4010	3/27/2012 - 3/26/2013
4020	3/27/2012 - 3/26/2013
4100	3/27/2013 - 3/26/2014
4120	3/27/2013 - 3/26/2014
4200	3/27/2014 - 3/26/2015
4210	3/27/2014 - 3/26/2015
4220	3/27/2014 - 3/26/2015
6001	3/27/2012 - 3/26/2013
6002	3/27/2012 - 3/26/2013
6003	3/27/2012 - 3/26/2013
6004	3/27/2012 - 3/26/2013
6011	3/27/2012 - 3/26/2013
6012	3/27/2012 - 3/26/2013
6014	3/27/2012 - 3/26/2013
6101	3/27/2013 - 3/26/2014
6102	3/27/2013 - 3/26/2014
6103	3/27/2013 - 3/26/2014
6104	3/27/2013 - 3/26/2014
6201	3/27/2014 - 3/26/2015
6202	3/27/2014 - 3/26/2015
6203	3/27/2014 - 3/26/2015
6204	3/27/2014 - 3/26/2015
6212	10/24/2014 - 3/26/2015
7000	3/27/2015 - 3/26/2016
7010	5/13/2015 - 3/26/2016
7100	3/27/2016 - 2/28/2017

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7110	3/27/2016 - 2/28/2017
9001	3/27/2015 - 3/26/2016
9002	3/27/2015 - 3/26/2016
9003	3/27/2015 - 3/26/2016
9004	3/27/2015 - 3/26/2016
9101	3/27/2016 - 2/28/2017
9102	3/27/2016 - 2/28/2017
9103	3/27/2016 - 2/28/2017

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

9104	3/27/2016 - 5/3/2016
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Services to be performed hereunder will be provided at approximately 95% Government on-site and 5% Contractor off-site.

**CLAUSES IN FULL TEXT**

**5252.247-9505** - Note: For the purposes of this clause included in a task order under a multiple award contract, the term "PCO" refers to the "Task Order PCO."

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

Technical Data and Information shall be delivered in accordance with the requirements of the Contract Data Requirements List, DD Form 1423, Exhibit A, CDRLs A001-A006 and Exhibit B, CDRL A007 attached hereto, and the following:

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

**(1) COR, Code: 5.1.6D**

(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.

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(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:

5.1.6D

**Refer to COR identified in clause 5252.201-9501 of this task order**

DCMA

**Ms. Linda K. Ahlers**  
**Telephone Number: 703-530-3652**  
**Fax Number: 703-530-3604**  
**E-Mail Address: [linda.ahlers@dcma.mil](mailto:linda.ahlers@dcma.mil)**  
**DCMA Manassas (EVABC)**  
**10500 Battleview Parkway, Suite 200**  
**Manassas, VA 20109-2342**

(End of Clause)

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

The services to be performed herein shall be performed at the Naval Air Warfare Center, Aircraft Division (NAWCAD), Bldg. 201, Patuxent River, Maryland.

(End of Clause)

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## SECTION G CONTRACT ADMINISTRATION DATA

Section G Information is applicable to CLINs 4XX0, 6XXX, 7XXX, and 9XXX.

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

### CLAUSES IN FULL TEXT

**10RA HQ B-2-0015** - For purposes of this clause incorporated at the task order level, the term “contract” means “task order”, and the term “Procuring Contracting Officer” is the “Task Order Contracting Officer.” Note: The Contractor shall invoice the fixed fee rate of CLIN 4XX0 which is a result of dividing the fixed fee pool by the cost pool. In addition, the contractor shall not invoice for fee based on the individual fee rates utilized in its cost proposal to create the fixed fee pool.

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

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

(b) The Government shall make payments to the Contractor, subject to and in accordance with the clause in this contract entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE", (FAR 52.216-10), as applicable. Such payments shall be equal to 100% of the allowable cost of each invoice submitted by and payable to the Contractor pursuant to the clause of this contract entitled "ALLOWABLE COST AND PAYMENT" (FAR 52.216-7), subject to the withholding terms and conditions of the "FIXED FEE" or "INCENTIVE FEE" clause, as applicable (percentage of fee is based on fee dollars divided by estimated cost dollars, including facilities capital cost of money). Total fee(s) paid to the Contractor shall not exceed the fee amount(s) set forth in this contract.

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

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

(End of Clause)

### **252.201-7000 CONTRACTING OFFICER'S REPRESENTATIVE (DEC 1991)**

(a) *Definition.* “Contracting officer's representative” means an individual designated in accordance with subsection [201.602-2](#) of the Defense Federal Acquisition Regulation Supplement and authorized in writing by the contracting officer to perform specific technical or administrative functions.

(b) If the Contracting Officer designates a contracting officer's representative (COR), the Contractor will receive a copy of the written designation. It will specify the extent of the COR's authority to act on behalf of the contracting officer. The COR is not authorized to make any commitments or changes that will affect price, quality, quantity, delivery, or any other term or condition of the contract.

(End of clause)

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#### **252.204-0012 PAYMENT INSTRUCTIONS - OTHER (SEP 2009)**

- (a) This is a multiple funded requirement. Additional ACRNs will be assigned and payment instructions revised when new accounting classifications are available.
- (b) Pay any invoice submitted through Wide Area Work Flow with the ACRN indicated on the invoice. The Government will instruct the contractor as to which ACRN(s) to bill. It is the responsibility of the contractor to identify on each invoice which ACRN(s) are to be used for payment.
- (c) Rationale for use of "Other" Payment Instructions: Multiple customers will provide funding under CLIN of this contract. This requires the ability for the Government to instruct the contractor as to which ACRN to bill and when on a real time basis as work is performed. No other payment instruction provides this capability; therefore, according to PGI 204.7108(d)(12), the use of other payment instructions is permitted.

(End of clause)

#### **10RA SEA 5252.216-9122 LEVEL OF EFFORT (DEC 2000)**

- (a) The Contractor agrees to provide the total level of effort specified in the next sentence in performance of the work described in Sections B and C of this contract. The total 3 year level of effort for the performance of this contract shall be **592,800** total man-hours [REDACTED] of direct labor, including subcontractor direct labor for those subcontractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort. **See Note (1).**
- (b) Of the total man-hours of direct labor set forth above, it is estimate [REDACTED] uncompensated effort. Uncompensated effort is defined as hours provided by personnel in excess of 40 hours per week without additional compensation for such excess work. All other effort is defined as compensated effort. If no effort is indicated in the first sentence of this paragraph, uncompensated effort performed by the Contractor shall not be counted in fulfillment of the level of effort obligations under this contract.
- (c) Effort performed in fulfilling the total level of effort obligations specified above shall only include effort performed in direct support of this contract and shall not include time and effort expended on such things as (local travel to and from an employee's usual work location), uncompensated effort while on travel status, truncated lunch periods, work (actual or inferred) at an employee's residence or other non-work locations, or other time and effort which does not have a specific and direct contribution to the tasks described in Sections B and C.
- (d) The level of effort for this contract shall be expended at an average rate of approximately **3,800** hours per week. It is understood and agreed that the rate of man-hours per month may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total man-hours of effort prior to the expiration of the term hereof, except as provided in the following paragraph.
- (e) If, during the term hereof, the Contractor finds it necessary to accelerate the expenditure of direct labor to such an extent that the total man-hours of effort specified above would be used prior to the expiration of the term, the Contractor shall notify the Task Order Contracting Officer in writing setting forth the acceleration required, the probable benefits which would result, and an offer to undertake the acceleration at no increase in the estimated cost or fee together with an offer, setting forth a proposed level of effort, cost breakdown, and proposed fee, for continuation of the work until expiration of the term hereof. The offer shall provide that the work proposed will be subject to the terms and conditions of this contract and any additions or changes required by then current law, regulations, or directives, and that the offer, with a written notice of acceptance by the Task Order Contracting Officer, shall constitute a binding contract. The Contractor shall not accelerate any effort until receipt of such written approval by the Task Order Contracting Officer. Any agreement to accelerate will be formalized by contract modification.
- (f) The Task Order Contracting Officer may, by written order, direct the Contractor to accelerate the expenditure of direct labor such that the total man-hours of effort specified in paragraph (a) above would be used prior to the expiration of the term. This order shall specify the acceleration required and the resulting revised term. The Contractor shall acknowledge this order within

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five days of receipt.

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

$$\text{Fee Reduction} = \text{Fee} \frac{(\text{Required LOE} - \text{Expended LOE})}{\text{Required LOE}}$$

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

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

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

(j) Unless the Contracting Officer determines that alternative worksite arrangements are detrimental to contract performance, the Contractor may perform up to 10% of the hours at an alternative worksite, provided the Contractor has a company-approved alternative worksite plan. The primary worksite is the traditional "main office" worksite. An alternative worksite means an employee's residence or a telecommuting center. A telecommuting center is a geographically convenient office setting as an alternative to an employee's main office. The Government reserves the right to review the Contractor's alternative worksite plan. In the event performance becomes unacceptable, the Contractor will be prohibited from counting the hours performed at the alternative worksite in fulfilling the total level of effort obligations of the contract. Regardless of the work location, all contract terms and conditions, including security requirements and labor laws, remain in effect. The Government shall not incur any additional cost nor provide additional equipment for contract performance as a result of the Contractor's election to implement an alternative worksite plan. \*

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

\* The Contracting Officer referred to, in paragraph (j), is the Task Order Contracting Officer.

**Note (1) Fee paid is based on total fee dollars by total man hours to be provided.**

(End of Clause)

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

(a) The Contracting Officer has designated:

██████████ AIR-5.1.6D,

21960 Nickles Road, Bldg 201

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Patuxent River, MD 20670

[REDACTED]

[REDACTED]

as the authorized Contracting Officer's Representative (COR) for this contract.

(b) The duties of the COR are limited to the following: See Section J, Attachment 2 - COR Designation Letter

(End of Clause)

**SEA 5252.232-9104 ALLOTMENT OF FUNDS (MAY 1993)**

(a) This contract is incrementally funded with respect to both cost and fee. The amount(s) presently available and allotted to this contract for payment of fee for incrementally funded contract line item number/contract subline item number (CLIN/SLIN), subject to the clause entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE" (FAR 52.216-10), as appropriate, is specified below. The amount(s) presently available and allotted to this contract for payment of cost for incrementally funded CLINs/SLINs is set forth below. As provided in the clause of this contract entitled "LIMITATION OF FUNDS" (FAR 52.232-22), the CLINs/SLINs covered thereby, and the period of performance for which it is estimated the allotted amount(s) will cover are as follows:

<b>Allotment of Funds</b>					
<b>Base Year</b>					
ITEM/CLIN	Cost Funded	Fee Funded	CPFF Funded	CPFF Unfunded	PERIOD OF PERFORMANCE
4000	[REDACTED]	[REDACTED]	\$ 8,952,564.35	[REDACTED]	27 Mar 2012 - 26 Mar 2013
4010	[REDACTED]	[REDACTED]	\$ 305,558.00	[REDACTED]	27 Mar 2012 - 26 Mar 2013
4020	[REDACTED]	[REDACTED]	\$ 245,000.00	[REDACTED]	27 Mar 2012 - 26 Mar 2013
6001	[REDACTED]	[REDACTED]	\$ 118,490.08	[REDACTED]	27 Mar 2012 - 26 Mar 2013
6011	[REDACTED]	[REDACTED]	\$ -	[REDACTED]	27 Mar 2012 - 26 Mar 2013
6002	[REDACTED]	[REDACTED]	\$ 759.21	[REDACTED]	27 Mar 2012 - 26 Mar 2013
6012	[REDACTED]	[REDACTED]	\$ 3,615.00	[REDACTED]	27 Mar 2012 - 26 Mar 2013
6004	[REDACTED]	[REDACTED]	\$ 88,837.72	[REDACTED]	27 Mar 2012 - 26 Mar 2013
6014	[REDACTED]	[REDACTED]	\$ 35,000.00	[REDACTED]	27 Mar 2012 - 26 Mar 2013
<b>BASE YEAR TOTAL</b>	[REDACTED]	[REDACTED]	<b>\$ 9,749,824.36</b>	[REDACTED]	<b>27 Mar 2012 - 26 Mar 2013</b>
<b>OY 1</b>					
ITEM/CLIN	Cost Funded	Fee Funded	CPFF Funded	CPFF Unfunded	PERIOD OF PERFORMANCE
4100	[REDACTED]	[REDACTED]	\$ 9,040,294.59	[REDACTED]	27 Mar 2013 - 26 Mar 2014
4120	[REDACTED]	[REDACTED]	\$ 128,145.00	[REDACTED]	27 Mar 2013 - 26 Mar 2014
6101	[REDACTED]	[REDACTED]	\$ 69,198.17	[REDACTED]	27 Mar 2013 - 26 Mar 2014
6102	[REDACTED]	[REDACTED]	\$ 25,485.01	[REDACTED]	27 Mar 2013 - 26 Mar 2014
6104	[REDACTED]	[REDACTED]	\$ 106,594.95	[REDACTED]	27 Mar 2013 - 26 Mar 2014
<b>OY 1 TOTAL</b>	[REDACTED]	[REDACTED]	<b>\$ 9,369,717.72</b>	[REDACTED]	<b>27 Mar 2013 - 26 Mar 2014</b>
<b>OY 2</b>					
ITEM/CLIN	Cost Funded	Fee Funded	CPFF Funded	CPFF Unfunded	PERIOD OF PERFORMANCE
4200	[REDACTED]	[REDACTED]	\$ 7,894,990.28	[REDACTED]	27 Mar 2014 - 26 Mar 2015
4210	[REDACTED]	[REDACTED]	\$ 4,261.76	[REDACTED]	27 Mar 2014 - 26 Mar 2015



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4220		\$ 56,052.18		27 Mar 2014 - 26 Mar 2015
6201		\$ 28,273.35		27 Mar 2014 - 26 Mar 2015
6202		\$ 17,720.15		27 Mar 2014 - 26 Mar 2015
6212		\$ 157,037.42		27 Mar 2014 - 26 Mar 2015
6204		\$ 70,776.41		27 Mar 2014 - 26 Mar 2015
<b>OY 2 TOTAL</b>		<b>\$ 8,229,111.55</b>		<b>27 Mar 2014 - 26 Mar 2015</b>

### LOE Extension OY 3

ITEM/CLIN	Cost Funded	Fee Funded	CPFF Funded	CPFF Unfunded	PERIOD OF PERFORMANCE
7000			\$ 7,718,972.7		27 Mar 2015 - 26 Mar 2016
7010			\$ 87,760.00		27 Mar 2015 - 26 Mar 2016
9001			\$ 54,489.24		27 Mar 2015 - 26 Mar 2016
9002			\$ 5,622.81		27 Mar 2015 - 26 Mar 2016
9004			\$ 46,507.27		27 Mar 2015 - 26 Mar 2016
<b>LOE Extension OY 3</b>			<b>7,913,352.05</b>		<b>27 Mar 2015 - 26 Mar 2016</b>

### LOE Extension OY 4

ITEM/CLIN	Cost Funded	Fee Funded	CPFF Funded	CPFF Unfunded	PERIOD OF PERFORMANCE
7100			\$ 7,150,761.75		27 Mar 2016 - 28 Feb 2017
7110			\$ 95,292.84		27 Mar 2016 - 28 Feb 2017
9101			\$ 95,001.25		27 Mar 2016 - 28 Feb 2017
9102			\$ 2,000.00		27 Mar 2016 - 28 Feb 2017
9104			\$ -		27 Mar 2016 - 28 Feb 2017
<b>LOE Extension OY 4</b>			<b>7,343,055.84</b>		<b>27 Mar 2016 - 28 Feb 2017</b>

### Total Summary

ITEM/CLIN	Cost Funded	Fee Funded	CPFF Funded	CPFF Unfunded	PERIOD OF PERFORMANCE
BASE YEAR			9,749,824.36		27 Mar 2012 - 26 Mar 2013
OY 1			9,369,717.72		27 Mar 2013 - 26 Mar 2014
OY 2			8,229,111.55		27 Mar 2014 - 26 Mar 2015
LOE Extension OY 3			,913,352.05		27 Mar 2015 - 26 Mar 2016
LOE Extension OY 4			,343,055.84		27 Mar 2016 - 28 Feb 2017
<b>TOTALS</b>			<b>2,605,061.52</b>		

The following chart projects the estimated period of performance covered by the funds currently allotted to the contract:

CLIN	PoP Start	Projected PoP End
4000	3/27/2012	3/25/2013
4010	3/27/2012	3/26/2013
4020	3/27/2012	3/26/2013
4100	3/27/2013	3/22/2014
4120	3/27/2013	3/26/2014
4200	3/27/2014	3/26/2015
4210	3/27/2014	3/26/2015

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4220	3/27/2014	3/26/2015
7000	3/27/2015	1/13/2016
7010	3/27/2015	3/26/2016
7100	3/27/2016	2/28/2017

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

(c) CLINs/SLINs 4XX0, 6X01, 6X02 and 6X04 are not fully funded and the performance under these CLINs/SLINs is subject to the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable.

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

(End of Clause)

**5252.232-9528 Reimbursement of Costs Associated with OPNAV Services (NAVAIR) (JUN 2012)**

This procurement does not contain the requirement to support the Office of the Chief of Naval Operations (OPNAV). No such requirement is included in the Statement of Work nor shall be contained in any flow down requirements to subcontracts. Since OPNAV service support is not a requirement of the statement of work, the Contracting Officer's Representative (COR) is prohibited from endorsing any such costs/charges. The Government will not pay for such costs as they are outside the scope of this contract.

(End of Clause)

**5252.232-9529 Incurred Cost and Progress Reporting for Services**

Effective as of Mod 61 of this task order, clause 5252.232-9529 is removed in its entirety. The associated Attachment (10) and CDRL A007 have also been removed from the task order.

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

(a) Contract Administration Office.

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

See the ADMINISTERED BY, Block #7 on the face page of the contract or modification.

For COR administrative functions - See items 31, 38-41, 43, 44, 45, 47, 48, 56, 58, 66 and 67 per FAR 42.302(a).

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

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

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

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

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

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

- N/A Invoice (FFP Supply & Service)
- N/A Invoice and Receiving Report Combo (FFP Supply)
- N/A Invoice as 2-in-1 (FFP Service Only)
- X Cost Voucher (Cost Reimbursable, T&M , LH, or FPI)
- N/A Receiving Report (FFP, DD250 Only)

DODAAC Codes and Inspection and Acceptance Locations (*contracting officer complete appropriate information as applicable*)

Issue DODAAC	<u>N00421</u>
Admin DODAAC	<u>Block 6 of TO Cover</u>
Pay Office DODAAC	<u>HQ0338</u>
Inspector DODAAC	<u>N00421</u>

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Service Acceptor DODAAC N00421

Service Approver DODAAC N00421

Ship To DODAAC See Section F

DCAA Auditor DODAAC HAA47F

LPO DODAAC S2404A

Inspection Location See Section E

Acceptance Location See Section E

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

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

<b>Send Additional Email Notification To:</b>
<b>COR - Refer to clause 5252.201-9501 of this task order for the email address of the COR</b>
<b>ACOR - [REDACTED]</b>

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

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

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

(End of Clause)

Accounting Data

SLINID	PR Number	Amount
400001	1300248838	59464.32
LLA :		
AA 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001049539		
CIN 130024883800001		
400002	1300248838	46250.24
LLA :		
AB 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001049539		
CIN 130024883800002		
400003	1300248838	140761.24
LLA :		
AC 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001049539		

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CIN 130024883800003

400004 1300248838 80296.92  
 LLA :  
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 CIN 130024883800004

400005 1300248838 14899.56  
 LLA :  
 AE 97X4930 NH2A 252 77777 0 050120 2F 000000 A40001049539  
 CIN 130024883800005

400006 1300248838 39631.72  
 LLA :  
 AF 97X4930 NH2A 252 77777 0 050120 2F 000000 A50001049539  
 CIN 130024883800006

BASE Funding 381304.00  
 Cumulative Funding 381304.00

MOD 01

400007 1300260071 1500.00  
 LLA :  
 AG 9720460 3101 SDS D0260 6 058140 TE 00255Y 24VJ61425542 SC424400MIPR2EDAV9915 019130  
 CIN: 130026007100001

400008 1300260071 49000.00  
 LLA :  
 AH 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001128474  
 CIN: 130026007100002

400009 1300260071 32339.56  
 LLA :  
 AJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001128474  
 CIN: 130026007100003

400010 1300260071 27000.00  
 LLA :  
 AK 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001128474  
 CIN: 130026007100004

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 CIN: 130026003900001

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 AM 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001128381  
 CIN: 130026003900002

400013 1300260039 867159.00  
 LLA :  
 AN 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001128381  
 CIN: 130026003900003

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 LLA :  
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 CIN: 130026003900001

600103 1300260039 4000.00  
 LLA :  
 AM 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001128381  
 CIN: 130026003900002

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600104 1300260039 9522.00  
 LLA :  
 AN 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001128381  
 CIN: 130026003900003

600401 1300260071 1000.00  
 LLA :  
 AH 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001128474  
 CIN: 130026007100002

600402 1300260071 1660.44  
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 AK 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001128474  
 CIN: 130026007100004

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 LLA :  
 AL 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001128381  
 CIN: 130026003900001

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MOD 01 Funding 2517681.00  
 Cumulative Funding 2898985.00

MOD 02

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 CIN 130026191400001

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 AS 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001149254  
 CIN 130026296000001

400016 1300263466 129046.00  
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 AT 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001151631  
 CIN 130026346600001

400017 1300263466 19000.62  
 LLA :  
 AU 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001151631  
 CIN 130026346600002

400018 1300263466 48515.00  
 LLA :  
 AV 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001151631  
 CIN 130026346600003

400019 1300263466 13000.00  
 LLA :  
 AW 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001151631  
 CIN 130026346600004

400020 1300263466 8800.00  
 LLA :  
 AX 97X4930 NH2A 252 77777 0 050120 2F 000000 A40001151631  
 CIN 130026346600005

400021 1300256993 48253.80  
 LLA :  
 AY 1721804 4A4N 251 00019 0 050120 2D 000000 A00001105903  
 CIN 130025699300001

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400022 1300256993 296250.58  
 LLA :  
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 CIN 130025699300002

400023 1300256993 39828.09  
 LLA :  
 BA 1721804 4A4N 251 00019 0 050120 2D 000000 A20001105903  
 CIN 130025699300003

400024 1300256993 50390.23  
 LLA :  
 BB 1721804 4A4N 251 00019 0 050120 2D 000000 A40001105903  
 CIN 130025699300005

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 LLA :  
 AP 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001140671  
 CIN 130026191400001

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 LLA :  
 AP 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001140671  
 CIN 130026191400001

600406 1300263466 4400.00  
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 AT 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001151631  
 CIN 130026346600001

600407 1300263466 2000.00  
 LLA :  
 AW 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001151631  
 CIN 130026346600004

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 LLA :  
 AX 97X4930 NH2A 252 77777 0 050120 2F 000000 A40001151631  
 CIN 130026346600005

MOD 02 Funding 876975.80  
 Cumulative Funding 3775960.80

MOD 03

400025 1300264807 40000.00  
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 CIN: 130026480700001

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 BD 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001160632  
 CIN: 130026480700002

400027 1300261914-0001 119107.29  
 LLA :  
 BE 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001140671  
 CIN: 130026191400001

400028 1300264201 1420740.00  
 LLA :  
 BF 1721319 J5VX 251 00019 0 050120 2D 000000 A10001156269  
 CIN: 130026420100011

400029 1300269618 98326.00  
 LLA :  
 BG 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001193851  
 CIN: 130026961800001

400030 1300272968 74163.00

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LLA :  
BH 97X4930 NH2A 251 77777 0 050120 2F 000000 A00001216032  
CIN: 130027296800001

400031 1300272968 15163.00  
LLA :  
BJ 97X4930 NH2A 251 77777 0 050120 2F 000000 A10001216032  
CIN: 130027296800002

400032 1300272968 24500.00  
LLA :  
BK 97X4930 NH2A 251 77777 0 050120 2F 000000 A20001216032  
CIN: 130027296800003

400033 1300272968 49163.00  
LLA :  
BL 97X4930 NH2A 251 77777 0 050120 2F 000000 A30001216032  
CIN: 130027296800004

400034 1300269156 113500.00  
LLA :  
BM 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001190843  
CIN: 130026915600001

400035 1300269156 64205.00  
LLA :  
BN 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001190843  
CIN: 130026915600002

400036 1300269156 60000.00  
LLA :  
BP 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001190843  
CIN: 130026915600003

400037 1300269156 87500.00  
LLA :  
BQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001190843  
CIN: 130026915600004

400038 1300269673 106797.65  
LLA :  
BR 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001193784  
CIN: 130026967300001

600106 1300264807 4885.29  
LLA :  
BD 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001160632  
CIN: 130026480700002

600107 1300261914-0001 12407.70  
LLA :  
BE 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001140671  
CIN: 130026191400001

600108 1300264201 2141.00  
LLA :  
BF 1721319 J5VX 251 00019 0 050120 2D 000000 A10001156269  
CIN: 130026420100011

600109 1300269156 3000.00  
LLA :  
BM 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001190843  
CIN: 130026915600001

600110 1300269156 10000.00  
LLA :  
BN 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001190843  
CIN: 130026915600002

600111 1300269156 2000.00  
LLA :  
BP 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001190843



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CIN: 130026915600003

600112 1300269156 1000.00  
 LLA :  
 BQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001190843  
 CIN: 130026915600004

600113 1300269673 6000.00  
 LLA :  
 BR 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001193784  
 CIN: 130026967300001

600201 1300269673 500.00  
 LLA :  
 BR 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001193784  
 CIN: 130026967300001

600409 1300261914-0001 3124.49  
 LLA :  
 BE 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001140671  
 CIN: 130026191400001

600410 1300264201 14877.00  
 LLA :  
 BF 1721319 J5VX 251 00019 0 050120 2D 000000 A10001156269  
 CIN: 130026420100011

600411 1300269156 3400.00  
 LLA :  
 BM 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001190843  
 CIN: 130026915600001

600412 1300269156 3390.00  
 LLA :  
 BN 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001190843  
 CIN: 130026915600002

600413 1300269156 3000.00  
 LLA :  
 BP 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001190843  
 CIN: 130026915600003

600414 1300269156 1500.00  
 LLA :  
 BQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001190843  
 CIN: 130026915600004

600415 1300269673 3124.49  
 LLA :  
 BR 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001193784  
 CIN: 130026967300001

MOD 03 Funding 2428656.91  
 Cumulative Funding 6204617.71

MOD 04

401001 1300262682 305558.00  
 LLA :  
 BS 97-11X8242 2879 000 74792 0 065916 2D PMFF44 113760050LBE  
 CIN: 130026268200001

601201 1300262682 3615.00  
 LLA :  
 BT 97-11X8242 2879 000 74792 0 065916 2D PMFF44 113760070LBE  
 CIN: 130026268200003

601401 1300262682 35000.00  
 LLA :  
 BU 97-11X8242 2879 000 74792 0 065916 2D PMFF44 113760060LBE  
 CIN: 130026268200002

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MOD 04 Funding 344173.00  
Cumulative Funding 6548790.71

MOD 05

400039 1300267313 570000.00  
LLA :  
BV 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001176665  
CIN: 130026731300001

400040 1300267313 110000.00  
LLA :  
BW 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001176665  
CIN: 130026731300002

400041 1300278459 332471.00  
LLA :  
BX 1721319 Y5VW 251 00019 0 050120 2D 000000 A00001252584  
CIN: 130027845900001

600416 1300267313 10000.00  
LLA :  
BW 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001176665  
CIN: 130026731300002

MOD 05 Funding 1022471.00  
Cumulative Funding 7571261.71

MOD 06

400042 1300260039-0001 47180.00  
LLA :  
AN 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001128381  
CIN: 130026003900004

400043 1300288256 620000.00  
LLA :  
BY 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001306529  
CIN: 130028825600001

600114 1300288256 20000.00  
LLA :  
BY 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001306529  
CIN: 130028825600001

MOD 06 Funding 687180.00  
Cumulative Funding 8258441.71

MOD 07

402001 1300272489 245000.00  
LLA :  
BZ 97-11X8242 2858 000 74582 0 065916 2D PTWB54 802790080SEG  
CIN: 130027248900001

MOD 07 Funding 245000.00  
Cumulative Funding 8503441.71

MOD 08

400044 1300269673-0001 95637.00  
LLA :  
CA 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001193784  
CIN: 130026967300002

400045 1300289729 127500.00  
LLA :

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CB 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001313068  
CIN: 130028972900001

400046 1300298620 79984.65  
LLA :  
CC 1721804 4RZ3 251 00019 0 050120 2D 000000 A00001354439  
CIN: 130029862000001

600115 1300269673-0001 2000.00  
LLA :  
CA 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001193784  
CIN: 130026967300002

600417 1300269673-0001 2267.00  
LLA :  
CA 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001193784  
CIN: 130026967300002

MOD 08 Funding 307388.65  
Cumulative Funding 8810830.36

MOD 09 Funding 0.00  
Cumulative Funding 8810830.36

MOD 10

400047 1300315873 220000.00  
LLA :  
CD 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001496509  
CIN 130031587300001

400048 1300315873 55000.00  
LLA :  
CE 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001496509  
CIN 130031587300002

MOD 10 Funding 275000.00  
Cumulative Funding 9085830.36

MOD 11

400049 1300316922 6075.00  
LLA :  
CF 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001502863  
CIN: 130031692200001

400050 1300316922 20000.00  
LLA :  
CG 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001502863  
CIN: 130031692200002

400051 1300316922 20000.00  
LLA :  
CH 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001502863  
CIN: 130031692200003

400052 1300316922 20000.00  
LLA :  
CJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001502863  
CIN: 130031692200004

400053 1300316922 22000.00  
LLA :  
CK 97X4930 NH2A 252 77777 0 050120 2F 000000 A40001502863  
CIN: 130031692200005

400054 1300316922 233199.50  
LLA :  
CL 97X4930 NH2A 252 77777 0 050120 2F 000000 A50001502863  
CIN: 130031692200006

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600116 1300316922 10000.00  
 LLA :  
 CF 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001502863  
 CIN: 130031692200001

600117 1300316922 2380.75  
 LLA :  
 CL 97X4930 NH2A 252 77777 0 050120 2F 000000 A50001502863  
 CIN: 130031692200006

600202 1300316922 725.00  
 LLA :  
 CF 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001502863  
 CIN: 130031692200001

600418 1300316922 11200.00  
 LLA :  
 CF 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001502863  
 CIN: 130031692200001

MOD 11 Funding 345580.25  
 Cumulative Funding 9431410.61

MOD 12

400055 1300312303 236449.65  
 LLA :  
 CM 1731319 Y5EJ 251 00019 0 050120 2D 000000 A00001470608  
 CIN: 130031230300001

600118 1300312303 2541.20  
 LLA :  
 CM 1731319 Y5EJ 251 00019 0 050120 2D 000000 A00001470608  
 CIN: 130031230300001

600419 1300312303 1720.73  
 LLA :  
 CM 1731319 Y5EJ 251 00019 0 050120 2D 000000 A00001470608  
 CIN: 130031230300001

MOD 12 Funding 240711.58  
 Cumulative Funding 9672122.19

MOD 13 Funding 0.00  
 Cumulative Funding 9672122.19

MOD 14

400056 1300321766 67288.00  
 LLA :  
 CN 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001531385  
 CIN: 130032176600001

400057 1300321766 36000.00  
 LLA :  
 CP 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001531385  
 CIN: 130032176600002

400058 1300321766 65000.00  
 LLA :  
 CQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001531385  
 CIN: 130032176600003

400059 1300321766 24000.00  
 LLA :  
 CR 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001531385  
 CIN: 130032176600004

400060 1300327963 269100.00

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LLA :  
CS 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001568486  
CIN: 130032796300001

400061 1300325267 67349.78  
LLA :  
CT 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001551189  
CIN: 130032526700001

600119 1300327963 8000.00  
LLA :  
CS 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001568486  
CIN: 130032796300001

600420 1300325267 1410.22  
LLA :  
CT 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001551189  
CIN: 130032526700001

MOD 14 Funding 538148.00  
Cumulative Funding 10210270.19

MOD 15

410001 1300329733 641757.00  
LLA :  
CX 1731319 J5VX 251 00019 0 050120 2D 000000 A00001580401  
CIN: 130032973300010

410002 1300341306 866000.00  
LLA :  
CV 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001661846  
CIN: 130034130600001

410003 1300339942 489670.00  
LLA :  
CW 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001652243  
CIN: 130033994200001

610101 1300341306 12000.00  
LLA :  
CV 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001661846  
CIN: 130034130600001

610102 1300339942 500.00  
LLA :  
CW 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001652243  
CIN: 130033994200001

610201 1300341306 3000.00  
LLA :  
CV 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001661846  
CIN: 130034130600001

610401 1300329733 6549.00  
LLA :  
CU 1731319 J5VX 251 00019 0 050120 2D 000000 A00001580401  
CIN: 130032973300010

610402 1300341306 19000.00  
LLA :  
CV 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001661846  
CIN: 130034130600001

610403 1300339942 1915.00  
LLA :  
CW 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001652243  
CIN: 130033994200001

MOD 15 Funding 2040391.00

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Cumulative Funding 12250661.19

MOD 16

410004 1300312303-0001 360588.24

LLA :  
CY 1731319 Y5EJ 251 00019 0 050120 2D 000000 A00001470608  
CIN: 130031230300002

410005 1300269673-0002 52100.00

LLA :  
CZ 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001193784  
CIN: 130026967300003

410006 1300337950 3000.00

LLA :  
DA 9730460 3101 SDS D0260 6 05130T E2 55X34V J61422742SC4 24400MIPR3ADAV99027 019130  
CIN: 130033795000001

410007 1300337950 50000.00

LLA :  
DB 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001662024 24400MIPR3ADAV99027 019130  
CIN: 130033795000002

410008 1300342654 679029.47

LLA :  
DC 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001670379  
CIN: 130034265400001

410009 1300342654 100308.72

LLA :  
DD 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001670379  
CIN: 130034265400002

410010 1300342923 126850.00

LLA :  
DE 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001671168  
CIN: 130034292300001

410011 1300342923 62200.00

LLA :  
DF 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001671168  
CIN: 130034292300002

410012 1300342923 52325.00

LLA :  
DG 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001671168  
CIN: 130034292300003

410013 1300342923 61905.00

LLA :  
DH 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001671168  
CIN: 130034292300004

410014 1300342923 24625.00

LLA :  
DJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A40001671168  
CIN: 130034292300005

410015 1300344179 57465.00

LLA :  
DK 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001681577  
CIN: 130034417900001

410016 1300344179 20431.00

LLA :  
DL 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001681577  
CIN: 130034417900002

410017 1300345469 109024.00

LLA :  
DM 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001690674

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CIN: 130034546900001

410018 1300345469 75000.00  
 LLA :  
 DN 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001690674  
 CIN: 130034546900002

410019 1300345469 62000.00  
 LLA :  
 DP 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001690674  
 CIN: 130034546900003

410020 1300345469 43000.00  
 LLA :  
 DQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001690674  
 CIN: 130034546900004

410021 1300345469 45000.00  
 LLA :  
 DR 97X4930 NH2A 252 77777 0 050120 2F 000000 A40001690674  
 CIN: 130034546900005

610103 1300342654 6331.53  
 LLA :  
 DC 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001670379  
 CIN: 130034265400001

610104 1300342923 862.00  
 LLA :  
 DH 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001671168  
 CIN: 130034292300004

610202 1300345469 519.00  
 LLA :  
 DM 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001690674  
 CIN: 130034546900001

610404 1300312303-0001 4411.76  
 LLA :  
 CY 1731319 Y5EJ 251 00019 0 050120 2D 000000 A00001470608  
 CIN: 130031230300002

610405 1300269673-0002 650.00  
 LLA :  
 CZ 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001193784  
 CIN: 130026967300003

610406 1300342923 1600.00  
 LLA :  
 DE 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001671168  
 CIN: 130034292300001

610407 1300342923 4800.00  
 LLA :  
 DF 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001671168  
 CIN: 130034292300002

610408 1300342923 1275.00  
 LLA :  
 DH 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001671168  
 CIN: 130034292300004

610409 1300344179 637.00  
 LLA :  
 DK 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001681577  
 CIN: 130034417900001

610410 1300344179 1569.00  
 LLA :  
 DL 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001681577  
 CIN: 130034417900002

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610411 1300345469 12457.00  
 LLA :  
 DM 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001690674  
 CIN: 130034546900001

MOD 16 Funding 2019963.72  
 Cumulative Funding 14270624.91

MOD 17

410022 1300327242 32826.00  
 LLA :  
 DS 1731804 4RZ3 252 00019 0 050120 2D 000000 A10001563876  
 CIN: 130032724200002

410023 1300327242 32826.00  
 LLA :  
 DT 1731804 4RZ3 252 00019 0 050120 2D 000000 A20001563876  
 CIN: 130032724200001

410024 1300269673-0003 36746.00  
 LLA :  
 DU 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001173784  
 CIN: 130026967300004

412001 1300349288 128145.00  
 LLA :  
 DV 97-11X8242 2858 000 74582 0 065916 2D PTWB54 802793050SEG  
 CIN: 130034928800001

MOD 17 Funding 230543.00  
 Cumulative Funding 14501167.91

MOD 18

410025 1300344342 64231.00  
 LLA :  
 DW 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001681878  
 CIN: 130034434200001

410026 1300349585-0001 101000.00  
 LLA :  
 DX 1731804 4C7C 252 00019 0 050120 2D 000000 A00001722652  
 CIN: 130034958500001

610412 1300344342 1607.00  
 LLA :  
 DW 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001681878  
 CIN: 130034434200001

MOD 18 Funding 166838.00  
 Cumulative Funding 14668005.91

MOD 19

410027 1300349221 81000.00  
 LLA :  
 DY 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001719311  
 CIN: 130034922100001

410028 1300349221 295000.00  
 LLA :  
 DZ 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001719311  
 CIN: 130034922100002

410029 1300354665 15418.00  
 LLA :  
 EA 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001757603  
 CIN: 130035466500001



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410030 1300354665 14675.00  
 LLA :  
 EB 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001757603  
 CIN: 130035466500003

410031 1300350742 11439.00  
 LLA :  
 ED 1731804 4A5A 257 00019 0 050120 2D 000000 A00001730814  
 CIN:130035074200001

610105 1300354665 14100.00  
 LLA :  
 EA 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001757603  
 CIN: 130035466500001

610106 1300354665 20000.00  
 LLA :  
 EC 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001757603  
 CIN: 130035466500002

610413 1300349221 19000.00  
 LLA :  
 DY 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001719311  
 CIN: 130034922100001

610414 1300349221 5000.00  
 LLA :  
 DZ 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001719311  
 CIN: 130034922100002

MOD 19 Funding 475632.00  
 Cumulative Funding 15143637.91

MOD 20

400028 1300264201 (196920.16)  
 LLA :  
 BF 1721319 J5VX 251 00019 0 050120 2D 000000 A10001156269  
 CIN: 130026420100011

410032 1300359416 63185.00  
 LLA :  
 EE 1731804 4A4N 251 00019 0 050120 2D 000000 A00001789090  
 CIN: 130035941600001

410033 1300359416 11420.85  
 LLA :  
 EF 1731804 4A4N 251 00019 0 050120 2D 000000 A10001789090  
 CIN: 130035941600002

410034 1300359416 95024.00  
 LLA :  
 EG 1731804 4A4N 251 00019 0 050120 2D 000000 A20001789090  
 CIN: 130035941600003

410035 1300359416 106154.15  
 LLA :  
 EH 1731804 4A4N 251 00019 0 050120 2D 000000 A30001789090  
 CIN: 130035941600004

410036 1300362097 57674.30  
 LLA :  
 EJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001804060  
 CIN: 130036209700001

410037 1300364582 244000.00  
 LLA :  
 EK 97X4930 NH2A 252 77777 0 050120 2F 000000 A0000181997  
 CIN: 130036458200001

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610107 1300362097 1300.00  
 LLA :  
 EJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001804060  
 CIN: 130036209700001

MOD 20 Funding 381838.14  
 Cumulative Funding 15525476.05

MOD 21

410038 1300269673-0004 17340.00  
 LLA :  
 EL 97X4930 NH2A 252 77777 0 050120 2F 000000 A40001193784  
 CIN: 130026967300005

410039 1300269673-0004 59149.00  
 LLA :  
 EM 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001193784  
 CIN: 130026967300006

410040 1300366428 119355.00  
 LLA :  
 EN 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001827672  
 CIN: 130036642800001

410041 1300372914 500000.00  
 LLA :  
 EP 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001866042  
 CIN: 130037291400001

610415 1300369673-0004 208.00  
 LLA :  
 EL 97X4930 NH2A 252 77777 0 050120 2F 000000 A40001193784  
 CIN: 130026967300005

610416 1300269673-0004 2092.00  
 LLA :  
 EM 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001193784  
 CIN: 130026967300006

610417 1300366428 1639.00  
 LLA :  
 EN 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001827672  
 CIN: 130036642800001

MOD 21 Funding 699783.00  
 Cumulative Funding 16225259.05

MOD 22

410042 1300329733-0001 321607.00  
 LLA :  
 EQ 1721319 J5VX 251 00019 0 050120 2D 000000 A00001580401  
 CIN: 130032973300020

410043 1300376076 52325.00  
 LLA :  
 ER 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001887745  
 CIN: 130037607600001

410044 1300376076 24625.00  
 LLA :  
 ES 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001887745  
 CIN: 130037676000002

410045 1300376076 161652.00  
 LLA :  
 ET 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001887745  
 CIN: 130037607600003

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410046 1300378894 130000.00  
 LLA :  
 EU 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001912544  
 CIN: 130037889400001

410047 1300378894 100748.00  
 LLA :  
 EV 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001912544  
 CIN: 130037889400002

410048 1300378894 318565.00  
 LLA :  
 EW 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001912544  
 CIN: 130037889400003

410049 1300378894 135000.00  
 LLA :  
 EX 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001912544  
 CIN: 130037889400004

MOD 22 Funding 1244522.00  
 Cumulative Funding 17469781.05

MOD 23

410050 1300312303-0002 171816.00  
 LLA :  
 EY 1731319 Y5EJ 251 00019 0 050120 2D 000000 A00001470608  
 CIN: 130031230300003

410051 1300383444 38200.00  
 LLA :  
 EZ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001967092  
 CIN: 130038344400001

610108 1300312303-0002 20000.00  
 LLA :  
 EY 1731319 J5VX 251 00019 0 050120 2D 000000 A00001470608  
 CIN: 130031230300003

MOD 23 Funding 230016.00  
 Cumulative Funding 17699797.05

MOD 24

410052 1300384099 21946.00  
 LLA :  
 FA 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001974091  
 CIN: 130038409900001

410053 1300384099 43000.00  
 LLA :  
 FB 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001974091  
 CIN: 130038409900002

410054 1300384099 47264.52  
 LLA :  
 FC 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001974091  
 CIN: 130038409900003

410055 1300384099 91083.07  
 LLA :  
 FD 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001974091  
 CIN: 130038409900004

410056 1300384099 30166.00  
 LLA :  
 FE 97X4930 NH2A 252 77777 0 050120 2F 000000 A40001974091  
 CIN: 130038409900005

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410057 1300384099 1572.00  
 LLA :  
 FF 97X4930 NH2A 252 77777 0 050120 2F 000000 A50001974091  
 CIN: 130038409900006

410058 1300387547 70785.80  
 LLA :  
 FG 1741804 4RZ3 251 00019 0 050120 2D 000000 A00002003584  
 CIN: 130038754700001

410059 1300388069 43647.00  
 LLA :  
 FH 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002010379  
 CIN: 130038806900001

410060 1300388069 1837.00  
 LLA :  
 FJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002010379  
 CIN: 130038806900002

410061 1300388966 11975.61  
 LLA :  
 FK 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002015904  
 CIN: 130038896600001

410062 1300388966 211122.77  
 LLA :  
 FL 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002015904  
 CIN: 130038896600002

610109 1300387547 593.48  
 LLA :  
 FG 1741804 4RZ3 251 00019 0 050120 2D 000000 A00002003584  
 CIN: 130038754700001

610110 1300388966 6020.73  
 LLA :  
 FL 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002015904  
 CIN: 130038896600002

610418 1300384099 1876.00  
 LLA :  
 FE 97X4930 NH2A 252 77777 0 050120 2F 000000 A40001974091  
 CIN: 130038409900005

610419 1300384099 4428.00  
 LLA :  
 FF 97X4930 NH2A 252 77777 0 050120 2F 000000 A50001974091  
 CIN: 130038409900006

610420 1300388069 11000.00  
 LLA :  
 FH 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002010379  
 CIN: 130038806900001

610421 1300388069 1301.00  
 LLA :  
 FJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002010379  
 CIN: 130038806900002

MOD 24 Funding 599618.98  
 Cumulative Funding 18299416.03

MOD 25

410063 1300392970 33000.00  
 LLA :  
 FM 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002048082  
 CIN: 130039297000001

410064 1300392970 25000.00

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LLA :  
FM 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002048082  
CIN: 130039297000002

410065 1300394133 500000.00  
LLA :  
FN 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002053548  
CIN: 130039413300001

610111 1300392970 300.00  
LLA :  
FM 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002048082  
CIN: 130039297000002

610422 1300392970 418.00  
LLA :  
FM 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002048082  
CIN: 130039297000001

610423 1300392970 1068.00  
LLA :  
FM 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002048082  
CIN: 130039297000002

MOD 25 Funding 559786.00  
Cumulative Funding 18859202.03

MOD 26

410066 1300396578 54000.00  
LLA :  
FP 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002070613  
CIN: 130039657800005

410067 1300396578 37465.00  
LLA :  
FQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002070613  
CIN: 130039657800002

410068 1300396578 37050.48  
LLA :  
FR 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002070613  
CIN: 130039657800003

410069 1300396578 197367.00  
LLA :  
FR 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002070613  
CIN: 130039657800003

410070 1300396578 78377.00  
LLA :  
FR 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002070613  
CIN: 130039657800003

410071 1300396578 65000.00  
LLA :  
FS 97X4930 NH2A 252 77777 0 050120 2F 000000 A30002070613  
CIN: 130039657800004

410072 1300396578 57500.00  
LLA :  
FT 97X4930 NH2A 252 77777 0 050120 2F 000000 A40002070613  
CIN: 130039657800006

610112 1300396578 718.00  
LLA :  
FR 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002070613  
CIN: 130039657800003

610203 1300396578 20000.00  
LLA :

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FP 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002070613  
CIN: 130039657800001

610424 1300396578 1738.00  
LLA :  
FQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002070613  
CIN: 130039657800002

610425 1300396578 500.00  
LLA :  
FT 97X4930 NH2A 252 77777 0 050120 2F 000000 A40002070613  
CIN: 130039657800006

MOD 26 Funding 549715.48  
Cumulative Funding 19408917.51

MOD 27

410073 1300329733-0002 63300.00  
LLA :  
FU 1731319 J5VX 251 00019 0 050120 2D 000000 A00001580401  
CIN: 130032973300030

410074 1300383444-0001 77478.00  
LLA :  
FV 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001967092  
CIN: 130038344400002

610426 1300329733-0002 1200.00  
LLA :  
FU 1731319 J5VX 251 00019 0 050120 2D 000000 A00001580401  
CIN: 130032973300030

610427 1300329733-0002 5500.00  
LLA :  
FU 1731319 J5VX 251 00019 0 050120 2D 000000 A00001580401  
CIN: 130032973300030

610428 1300383444-0001 1657.00  
LLA :  
FV 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001967092  
CIN: 130038344400002

MOD 27 Funding 149135.00  
Cumulative Funding 19558052.51

MOD 28

610204 1300406924 2600.00  
LLA :  
FW 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002154604  
CIN: 130040692400001

MOD 28 Funding 2600.00  
Cumulative Funding 19560652.51

MOD 29

420001 1300410515 21436.00  
LLA :  
FX 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002183122  
CIN: 130041051500001

420002 1300410515 13691.00  
LLA :  
FY 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002183122  
CIN: 130041051500002

420003 1300410515 49500.00

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LLA :  
FZ 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002183122  
CIN: 130041051500003

420004 1300410515 39900.00  
LLA :  
GA 97X4930 NH2A 252 77777 0 050120 2F 000000 A30002183122  
CIN: 130041051500004

420005 1300410515 44120.10  
LLA :  
GB 97X4930 NH2A 252 77777 0 050120 2F 000000 A40002183122  
CIN: 130041051500005

420006 1300410515 56552.51  
LLA :  
GC 97X4930 NH2A 252 77777 0 050120 2F 000000 A50002183122  
CIN: 130041051500006

620401 1300410515 8000.00  
LLA :  
FX 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002183122  
CIN: 130041051500001

MOD 29 Funding 233199.61  
Cumulative Funding 19793852.12

MOD 30

420007 1300398057 1500389.00  
LLA :  
GD 1741319 J5VX 251 00019 0 050120 2D 000000 A00002081411  
CIN: 130039805700001

420008 1300406927 57409.00  
LLA :  
GE 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002154901  
CIN: 130040692700001

420009 1300406927 108103.83  
LLA :  
GF 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002154901  
CIN: 130040692700003

420010 1300406927 65481.00  
LLA :  
GG 97X4930 NH2A 252 77777 0 050120 2F 000000 A30002154901  
CIN: 130040692700004

420011 1300406927 23461.31  
LLA :  
GH 97X4930 NH2A 252 77777 0 050120 2F 000000 A40002154901  
CIN: 130040692700005

420012 1300406927 60366.00  
LLA :  
GJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A50002154901  
CIN: 130040692700006

420013 1300409857 48186.25  
LLA :  
GK 1741804 4A4N 251 00019 0 050120 2D 000000 A10002178797  
CIN: 130040985700002

420014 1300409857 90590.35  
LLA :  
GL 1741804 4A4N 251 00019 0 050120 2D 000000 A20002178797  
CIN: 130040985700003

420015 1300409857 96708.00  
LLA :

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GM 1741804 4A4N 251 00019 0 050120 2D 000000 A30002178797  
CIN: 130040985700004

420016 1300409857 51304.00  
LLA :  
GN 1741804 4A4N 251 00019 0 050120 2D 000000 A30002178797  
CIN: 130040985700005

420017 1300409857 57823.50  
LLA :  
GR 1741804 4A4N 251 00019 0 050120 2D 000000 A40002178797  
CIN: 130040985700006

420018 1300410270 130000.00  
LLA :  
GQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002181567  
CIN: 130041027000001

620101 1300406927 18346.00  
LLA :  
GF 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002154901  
CIN: 130040692700003

620402 1300406927 2342.00  
LLA :  
GE 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002154901  
CIN: 130040692700001

620403 1300406927 2342.00  
LLA :  
GF 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002154901  
CIN: 130040692700003

620404 1300406927 2335.69  
LLA :  
GH 97X4930 NH2A 252 77777 0 050120 2F 000000 A40002154901  
CIN: 130040692700005

620405 1300406927 1634.00  
LLA :  
GJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A50002154901  
CIN: 130040692700006

620406 1300398057 22461.00  
LLA :  
GD 1741319 J5VX 251 00019 0 050120 2D 000000 A00002081411  
CIN: 130039805700001

MOD 30 Funding 2339282.93  
Cumulative Funding 22133135.05

MOD 31

420019 1300413068 1006898.53  
LLA :  
GS 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002199194  
CIN: 130041306800001

420020 1300413068 34308.80  
LLA :  
GT 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002199194  
CIN: 130041306800002

420021 1300413068 24795.00  
LLA :  
GU 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002199194  
CIN: 130041306800003

420022 1300413068 26125.00  
LLA :  
GV 97X4930 NH2A 252 77777 0 050120 2F 000000 A30002199194



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CIN: 130041306800004

420023 1300413068 80556.85  
 LLA :  
 GW 97X4930 NH2A 252 77777 0 050120 2F 000000 A40002199194  
 CIN: 130041306800005

420024 1300413068 626396.85  
 LLA :  
 GX 97X4930 NH2A 252 77777 0 050120 2F 000000 A50002199194  
 CIN: 130041306800006

420025 1300413094 147062.89  
 LLA :  
 GY 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002199291  
 CIN: 130041309400001

420026 1300413094 76249.67  
 LLA :  
 GZ 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002199291  
 CIN: 130041309400002

420027 1300413094 26919.75  
 LLA :  
 HA 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002199291  
 CIN: 130041309400003

620102 1300413068 9367.78  
 LLA :  
 GS 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002199194  
 CIN: 130041306800001

620103 1300413068 9024.48  
 LLA :  
 GX 97X4930 NH2A 252 77777 0 050120 2F 000000 A50002199194  
 CIN: 130041306800006

620104 1300413094 9014.11  
 LLA :  
 GY 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002199291  
 CIN: 130041309400001

620407 1300413068 1330.00  
 LLA :  
 GU 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002199194  
 CIN: 130041306800003

620408 1300413068 1330.00  
 LLA :  
 GW 97X4930 NH2A 252 77777 0 050120 2F 000000 A40002199194  
 CIN: 130041306800005

620409 1300413068 2553.29  
 LLA :  
 GX 97X4930 NH2A 252 77777 0 050120 2F 000000 A50002199194  
 CIN: 130041306800006

620410 1300413094 3040.37  
 LLA :  
 GY 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002199291  
 CIN: 130041309400001

620411 1300413094 1330.33  
 LLA :  
 GZ 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002199291  
 CIN: 130041309400002

MOD 31 Funding 2086303.70  
 Cumulative Funding 24219438.75

MOD 32

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420028 1300418659 600000.00  
 LLA :  
 HB 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002241805  
 CIN: 130041865900001

620105 1300418659 10000.00  
 LLA :  
 HB 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002241805  
 CIN: 130041865900001

620412 1300418659 14000.00  
 LLA :  
 HB 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002241805  
 CIN: 130041865900001

MOD 32 Funding 624000.00  
 Cumulative Funding 24843438.75

MOD 33

420029 1300415301 75000.00  
 LLA :  
 HC 1741804 4A4N 251 00019 0 050120 2D 000000 A00002215636  
 CIN: 130041530100001

420030 1300419401 334449.51  
 LLA :  
 HD 1741804 4C7C 252 00019 0 050120 2D 000000 A00002247111  
 CIN: 130041940100001

MOD 33 Funding 409449.51  
 Cumulative Funding 25252888.26

MOD 34

420031 1300418692 19770.00  
 LLA :  
 HE 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002241807  
 CIN: 130041869200002

420032 1300418692 28320.00  
 LLA :  
 HF 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002241807  
 CIN: 130041869200003

420033 1300418692 22470.34  
 LLA :  
 HG 97X4930 NH2A 252 77777 0 050120 2F 000000 A30002241807  
 CIN: 130041869200004

420034 1300418692 26058.00  
 LLA :  
 HH 97X4930 NH2A 252 77777 0 050120 2F 000000 A40002241807  
 CIN: 130041869200005

420035 1300418692 113680.00  
 LLA :  
 HJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A50002241807  
 CIN: 130041869200006

420036 1300418692 78535.80  
 LLA :  
 HK 97X4930 NH2A 252 77777 0 050120 2F 000000 A60002241807  
 CIN: 130041869200007

420037 1300422279 69388.00  
 LLA :  
 HL 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002272471  
 CIN: 130042227900001

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420038 1300422279 34465.00  
 LLA :  
 HM 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002272471  
 CIN: 130042227900002

420039 1300422279 73240.00  
 LLA :  
 HN 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002272471  
 CIN: 130042227900003

420040 1300422279 38100.00  
 LLA :  
 HP 97X4930 NH2A 252 77777 0 050120 2F 000000 A30002272471  
 CIN: 130042227900004

420041 1300420850 111152.00  
 LLA :  
 HQ 1741804 4A4N 251 00019 0 050120 2D 000000 A00002259098  
 CIN: 130042085000001

620413 1300418692 5230.00  
 LLA :  
 HE 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002241807  
 CIN: 130041869200002

620414 1300418692 2646.00  
 LLA :  
 HK 97X4930 NH2A 252 77777 0 050120 2F 000000 A60002241807  
 CIN: 130041869200007

MOD 34 Funding 623055.14  
 Cumulative Funding 25875943.40

MOD 35

420042 1300424656 11060.00  
 LLA :  
 HR 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002288224  
 CIN: 130042465600001

620106 1300424656 6761.00  
 LLA :  
 HR 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002288224  
 CIN: 130042465600001

MOD 35 Funding 17821.00  
 Cumulative Funding 25893764.40

MOD 36

420043 1300424385 88650.00  
 LLA :  
 HS 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002287856  
 CIN: 130042438500001

420044 1300425187 1000.00  
 LLA :  
 HT 9740460 3101 SDS D0260 6 051310 TE 255Y44 VJ61427542SC 424400MIPR4GDAV99175 019130  
 CIN: 130042518700001

620107 1300425187 2000.00  
 LLA :  
 HT 9740460 3101 SDS D0260 6 051310 TE 255Y44 VJ61427542SC 424400MIPR4GDAV99175 019130  
 CIN: 130042518700001

620415 1300424385 1350.00  
 LLA :  
 HS 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002287856  
 CIN: 130042438500001

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MOD 36 Funding 93000.00  
Cumulative Funding 25986764.40

MOD 37

420045 1300416858 358216.00  
LLA :  
HU 1741319 Y5EJ 251 00019 0 050120 2D 000000 A00002230080  
CIN: 130041685800001

4210 1300413959 15000.00  
LLA :  
HV 97-11X8242 2884 000 74842 0 065916 2D PATY44 314960390GQY  
CIN: 130041395900001

620416 1300416858 4839.00  
LLA :  
HU 1741319 Y5EJ 251 00019 0 050120 2D 000000 A00002230080  
CIN: 130041685800002

MOD 37 Funding 378055.00  
Cumulative Funding 26364819.40

MOD 38

400039 1300267313 (178918.75)  
LLA :  
BV 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001176665  
CIN: 130026731300001

420046 1300428120 21262.50  
LLA :  
HW 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002312759  
CIN: 130042812000002

420047 1300424656-0001 3925.00  
LLA :  
HR 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002288224  
CIN: 130042465600002

420048 1300419401-0001 125000.00  
LLA :  
HD 1741804 4C7C 252 00019 0 050120 2D 000000 A00002247111  
CIN: 130041940100002

420049 1300424656 4662.50  
LLA :  
HR 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002288224  
CIN: 130042465600003

620201 1300428120 5000.00  
LLA :  
HX 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002312759  
CIN: 130042812000001

MOD 38 Funding -19068.75  
Cumulative Funding 26345750.65

MOD 39

420050 1300419401-0002 47000.00  
LLA :  
HD 1741804 4C7C 252 00019 0 050120 2D 000000 A00002247111  
CIN: 130041940100003

420051 1300443527 125000.00  
LLA :  
HY 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002418840

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CIN: 130044352700001

420052 1300442312 6251.00  
 LLA :  
 JA 1741804 4RZ3 251 00019 0 050120 2D 000000 A00002410790  
 CIN: 130044231200001

420053 1300442312 8479.00  
 LLA :  
 JA 1741804 4RZ3 251 00019 0 050120 2D 000000 A00002410790  
 CIN: 130044231200002

420054 1300442312 20000.00  
 LLA :  
 JA 1741804 4RZ3 251 00019 0 050120 2D 000000 A00002410790  
 CIN: 130044231200003

420055 1300442312 20000.00  
 LLA :  
 JA 1741804 4RZ3 251 00019 0 050120 2D 000000 A00002410790  
 CIN: 130044231200004

620417 1300443532 18000.00  
 LLA :  
 HZ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002418719  
 CIN: 130044353200001

MOD 39 Funding 244730.00  
 Cumulative Funding 26590480.65

MOD 40

420056 1300450793 30000.00  
 LLA :  
 JC 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002468373  
 CIN: 130045079300001

420057 1300450793 4644.00  
 LLA :  
 JB 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002468373  
 CIN: 130045079300002

620202 1300450793 8000.00  
 LLA :  
 JB 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002468373  
 CIN: 130045079300002

MOD 40 Funding 42644.00  
 Cumulative Funding 26633124.65

MOD 41

4220 1300452631 87760.00  
 LLA :  
 JD 97-11X8242 2878 000 74782 0 065916 2D PKUA44 400660010GGW  
 CIN: 130045263100001

MOD 41 Funding 87760.00  
 Cumulative Funding 26720884.65

MOD 42

420021 1300413068 (15978.50)  
 LLA :  
 GU 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002199194  
 CIN: 130041306800003

420022 1300413068 (17308.50)  
 LLA :

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GV 97X4930 NH2A 252 77777 0 050120 2F 000000 A30002199194  
CIN: 130041306800004

420058 1300454245 121428.00  
LLA :  
JE 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002504255  
CIN: 130045424500001

420059 1300455884 80000.00  
LLA :  
JF 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002520017  
CIN: 130045588400001

620407 1300413068 (532.00)  
LLA :  
GU 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002199194  
CIN: 130041306800003

620418 1300454245 1572.00  
LLA :  
JE 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002504255  
CIN: 130045424500001

620419 1300455884 1776.00  
LLA :  
JF 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002520017  
CIN: 130045588400001

MOD 42 Funding 170957.00  
Cumulative Funding 26891841.65

MOD 43

420060 1300458149 100000.00  
LLA :  
JG 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002546758  
CIN: 130045814900001

6212 1300452631-0001 170000.00  
LLA :  
JH 97-11X8242 2878 000 74782 0 065916 2D PKUA44 400660020GGW  
CIN: 130045263100002

MOD 43 Funding 270000.00  
Cumulative Funding 27161841.65

MOD 44

420061 1300462221 16915.00  
LLA :  
JJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002591310  
CIN: 130046222100001

420062 1300462221 110293.62  
LLA :  
JJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002591310  
CIN: 130046222100001

420063 1300462221 47613.72  
LLA :  
JJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002591310  
CIN: 130046222100001

420064 1300462221 41949.00  
LLA :  
JJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002591310  
CIN: 130046222100001

620108 1300462221 2611.64  
LLA :

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JJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002591310  
CIN: 130046222100001

620109 1300462221 1029.20  
LLA :  
JJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002591310  
CIN: 130046222100001

620110 1300462221 10000.00  
LLA :  
JK 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002591310  
CIN: 130046222100002

620203 1300462221 10000.00  
LLA :  
JK 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002591310  
CIN: 130046222100002

MOD 44 Funding 240412.18  
Cumulative Funding 27402253.83

MOD 45

420065 1300466415 102752.00  
LLA :  
JL 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002628621  
CIN: 130046641500001

420066 1300466415 20398.00  
LLA :  
JM 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002628621  
CIN: 130046641500003

420067 1300466415 17413.00  
LLA :  
JN 97X4930 NH2A 252 77777 0 050120 2F 000000 A30002628621  
CIN: 130046641500004

420068 1300469362 36000.00  
LLA :  
JP 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002652175  
CIN: 130046936200001

420069 1300469362 375000.00  
LLA :  
JQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002652175  
CIN: 130046936200003

420070 1300469362 20000.00  
LLA :  
JR 97X4930 NH2A 252 77777 0 050120 2F 000000 A30002652175  
CIN: 130046936200004

420071 1300466415 2487.00  
LLA :  
JS 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002628621  
CIN: 130046641500002

620420 1300466415 62.00  
LLA :  
JS 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002628621  
CIN: 130046641500002

620421 1300469362 5000.00  
LLA :  
JT 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002652175  
CIN: 130046936200002

MOD 45 Funding 579112.00  
Cumulative Funding 27981365.83

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MOD 46

420072 1300473630 120779.48  
 LLA :  
 JU 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002690171  
 CIN: 130047363000001

620111 1300473630 926.14  
 LLA :  
 JU 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002690171  
 CIN: 130047363000001

MOD 46 Funding 121705.62  
 Cumulative Funding 28103071.45

MOD 47

4210 1300413959 (10738.24)  
 LLA :  
 HV 97-11X8242 2884 000 74842 0 065916 2D PATY44 314960390GQY  
 CIN: 130041395900001

700001 1300479014 59078.36  
 LLA :  
 JV 1751804 4A4N 251 00019 0 050120 2D 000000 A00002731459  
 CIN: 130047901400001

700002 1300479014 32858.38  
 LLA :  
 JW 1751804 4A4N 251 00019 0 050120 2D 000000 A10002731459  
 CIN: 130047901400002

700003 1300479014 398883.00  
 LLA :  
 JX 1751804 4A4N 251 00019 0 050120 2D 000000 A20002731459  
 CIN: 130047901400003

700004 1300484059 124000.00  
 LLA :  
 JY 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002771265  
 CIN: 130048405900001

700005 1300484059 67636.22  
 LLA :  
 JZ 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002771265  
 CIN: 130048405900002

700006 1300484059 152871.41  
 LLA :  
 KA 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002771265  
 CIN: 130048405900003

900101 1300484059 9797.24  
 LLA :  
 KA 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002771265  
 CIN: 130048405900003

900401 1300484059 1000.00  
 LLA :  
 JY 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002771265  
 CIN: 130048405900001

900402 1300484059 1813.11  
 LLA :  
 JZ 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002771265  
 CIN: 130048405900002

900403 1300484059 1813.11  
 LLA :  
 KA 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002771265



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CIN: 130048405900003

MOD 47 Funding 839012.59  
Cumulative Funding 28942084.04

MOD 48

700007 1300486464 693097.73  
LLA :  
KB 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002786068  
CIN: 130048646400001

700008 1300486464 59009.55  
LLA :  
KC 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002786068  
CIN: 130048646400002

700009 1300485751 92219.77  
LLA :  
KD 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002781654  
CIN: 130048575100001

700010 1300485751 94216.35  
LLA :  
KE 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002781654  
CIN: 130048575100002

900102 1300486464 17794.70  
LLA :  
KB 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002786068  
CIN: 130048646400001

900201 1300485751 1996.59  
LLA :  
KD 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002781654  
CIN: 130048575100001

MOD 48 Funding 958334.69  
Cumulative Funding 29900418.73

MOD 49

700011 1300479461 244899.50  
LLA :  
KF 1751319 J5VX 251 00019 0 050120 2D 000000 A00002734963  
CIN: 130047946100001

700012 1300479461 739932.43  
LLA :  
KF 1751319 J5VX 251 00019 0 050120 2D 000000 A00002734963  
CIN: 130047946100001

700013 1300482303 200000.00  
LLA :  
KG 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002757749  
CIN: 130048230300001

700014 1300487041 340400.00  
LLA :  
KH 1751319 Y5EJ 251 00019 0 050120 2D 000000 A00002790033  
CIN: 130048704100001

700015 1300488835 83393.00  
LLA :  
KJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002802509  
CIN: 130048883500001

700016 1300488835 34851.00  
LLA :  
KK 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002802509

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CIN: 130048883500002

700017 1300488835 74058.00

LLA :  
 KL 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002802509  
 CIN: 130048883500003

700018 1300488835 13691.00

LLA :  
 KM 97X4930 NH2A 252 77777 0 050120 2F 000000 A30002802509  
 CIN: 130048883500004

700019 1300488835 56024.75

LLA :  
 KN 97X4930 NH2A 252 77777 0 050120 2F 000000 A40002802509  
 CIN: 130048883500005

700020 1300488835 82224.03

LLA :  
 KP 97X4930 NH2A 252 77777 0 050120 2F 000000 A50002802509  
 CIN: 130048883500006

700021 1300488835 631292.42

LLA :  
 KP 97X4930 NH2A 252 77777 0 050120 2F 000000 A50002802509  
 CIN: 130048883500007

700022 1300488835 57913.85

LLA :  
 KQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A60002802509  
 CIN: 130048883500008

700023 1300488835 725000.00

LLA :  
 KR 97X4930 NH2A 252 77777 0 050120 2F 000000 A70002802509  
 CIN: 130048883500009

900103 1300488835 2499.95

LLA :  
 KP 97X4930 NH2A 252 77777 0 050120 2F 000000 A50002802509  
 CIP: 130048883500007

900104 130488835 8000.00

LLA :  
 KR 97X4930 NH2A 252 77777 0 050120 2F 000000 A70002802509  
 CIN: 130048883500009

900202 1300487041 3626.22

LLA :  
 KH 1751319 Y5EJ 251 00019 0 050120 2D 000000 A00002790033  
 CIN: 130048704100002

900404 1300479461 3664.85

LLA :  
 KF 1751319 J5VX 251 00019 0 050120 2D 000000 A00002734963  
 CIN: 130047946100001

900405 1300479461 15972.72

LLA :  
 KF 1751319 J5VX 251 00019 0 050120 2D 000000 A00002734963  
 CIN: 130047946100001

900406 1300488835 3657.00

LLA :  
 KJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002802509  
 CIN: 130048883500001

900407 1300488835 1813.11

LLA :  
 KP 97X4930 NH2A 252 77777 0 050120 2F 000000 A50002802509  
 CIN: 130048883500006

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900408 1300488835 3626.22  
 LLA :  
 KP 97X4930 NH2A 252 77777 0 050120 2F 000000 A50002802509  
 CIN: 130048883500007

900409 1300488835 1346.30  
 LLA :  
 KQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A60002802509  
 CIN: 130048883500008

900410 1300488835 6700.00  
 LLA :  
 KR 97X4930 NH2A 252 77777 0 050120 2F 000000 A70002802509  
 CIN: 130048883500009

MOD 49 Funding 3334586.35  
 Cumulative Funding 33235005.08

MOD 50

700024 1300480999 49500.00  
 LLA :  
 KS 1751804 4C7C 252 00019 0 050120 2D 000000 A00002749308  
 CIN: 130048099900001

700025 1300497804 288615.48  
 LLA :  
 KU 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002869331  
 CIN: 130049780400001

700026 1300497834 15000.00  
 LLA :  
 KV 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002869553  
 CIN: 130049783400002

700027 1300497834 6600.00  
 LLA :  
 KW 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002869553  
 CIN: 130049783400003

700028 1300497834 52500.00  
 LLA :  
 KX 97X4930 NH2A 252 77777 0 050120 2F 000000 A30002869553  
 CIN: 130049783400004

700029 1300497834 50750.00  
 LLA :  
 KY 97X4930 NH2A 252 77777 0 050120 2F 000000 A40002869553  
 CIN: 130049783400005

701001 1300491718-0001 87760.00  
 LLA :  
 KT 97-11X8242 2878 000 74782 0 065916 2D PKUA44 400660030GGW  
 CIN: 130049171800001

900105 1300497834 5000.00  
 LLA :  
 KZ 97X4930 NH2A 252 77777 0 050120 2F 000000 A50002869553  
 CIN: 130049783400006

900411 1300497804 9384.52  
 LLA :  
 KU 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002869331  
 CIN: 130049780400001

900412 1300497834 7419.63  
 LLA :  
 LA 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002869553  
 CIN: 130049783400001

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MOD 50 Funding 572529.63  
Cumulative Funding 33807534.71

MOD 51

700030 1300515254 40626.77

LLA :  
LB 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002985651  
CIN: 130051525400001

700031 1300515254 10919.59

LLA :  
LC 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002985651  
CIN: 130051525400002

700032 1300515254 37627.27

LLA :  
LD 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002985651  
CIN: 130051525400003

MOD 51 Funding 89173.63  
Cumulative Funding 33896708.34

MOD 52

700033 1300518238 2465.29

LLA :  
LE 97X4930 NH2A 252 77777 0 050120 2F 000000 A00003005892  
CIN: 130051823800001

700034 1300518238 5000.00

LLA :  
LF 97X4930 NH2A 252 77777 0 050120 2F 000000 A10003005892  
CIN: 130051823800002

700035 1300518238 10000.00

LLA :  
LG 97X4930 NH2A 252 77777 0 050120 2F 000000 A20003005892  
CIN: 130051823800003

700036 1300518238 37627.27

LLA :  
LH 97X4930 NH2A 252 77777 0 050120 2F 000000 A30003005892  
CIN: 130051823800004

700037 1300518238 20520.00

LLA :  
LJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A40003005892  
CIN: 130051823800005

700038 1300518238 20000.00

LLA :  
LK 97X4930 NH2A 252 77777 0 050120 2F 000000 A50003005892  
CIN: 130051823800006

700039 1300487041-0001 106837.98

LLA :  
KH 1751319 Y5EJ 251 00019 0 050120 2D 000000 A00002790033  
CIN: 130048704100003

MOD 52 Funding 202450.54  
Cumulative Funding 34099158.88

MOD 53

700040 1300518096-0001 44000.00

LLA :  
LL 1751804 4RZ3 251 00019 0 050120 2D 000000 A00003005616  
CIN: 130051809600001

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MOD 53 Funding 44000.00  
Cumulative Funding 34143158.88

MOD 54

700041 1300527558-0001 29890.23

LLA :  
LM 97X4930 NH2A 252 77777 0 050120 2F 000000 A10003074377  
CIN: 130052755800002

700042 1300527558-001 8550.00

LLA :  
LN 97X4930 NH2A 252 77777 0 050120 2F 000000 A20003074377  
CIN: 130052755800003

700043 1300527558-0001 12238.85

LLA :  
LP 97X4930 NH2A 252 77777 0 050120 2F 000000 A30003074377  
CIN: 130052755800004

700044 1300527558-0001 22395.81

LLA :  
LQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A40003074377  
CIN: 130052755800005

700045 1300527558-0001 77119.20

LLA :  
LR 97X4930 NH2A 252 77777 0 050120 2F 000000 A50003074377  
CIN: 130052755800006

700046 1300527558-0001 40000.00

LLA :  
LS 97X4930 NH2A 252 77777 0 050120 2F 000000 A60003074377  
CIN: 130052755800007

900413 1300527558-0001 542.74

LLA :  
LR 97X4930 NH2A 252 77777 0 050120 2F 000000 A50003074377  
CIN: 130052755800006

MOD 54 Funding 190736.83  
Cumulative Funding 34333895.71

MOD 55

700047 1300530059 123041.00

LLA :  
LT 97X4930 NH2A 252 77777 0 050120 2F 000000 A00003096256  
Standard Number: 130053005900001

MOD 55 Funding 123041.00  
Cumulative Funding 34456936.71

MOD 56

700048 1300531796 75000.00

LLA :  
LU 97X4930 NH2A 252 77777 0 050120 2F 000000 A00003118734  
CIN: 130053179600001

700049 1300531796 23640.31

LLA :  
LV 97X4930 NH2A 252 77777 0 050120 2F 000000 A10003118734  
CIN: 130053179600002

700050 1300531796 176656.02

LLA :  
LV 97X4930 NH2A 252 77777 0 050120 2F 000000 A10003118734  
CIN: 130053179600002

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700051 1300531796 47254.75  
 LLA :  
 LV 97X4930 NH2A 252 77777 0 050120 2F 000000 A10003118734  
 CIN: 130053179600002

700052 1300531796 24280.84  
 LLA :  
 LW 97X4930 NH2A 252 77777 0 050120 2F 000000 A20003118734  
 CIN: 130053179600003

700053 1300531796 9674.84  
 LLA :  
 LX 97X4930 NH2A 252 77777 0 050120 2F 000000 A30003118734  
 CIN: 130053179600004

700054 1300531796 25000.00  
 LLA :  
 LY 97X4930 NH2A 252 77777 0 050120 2F 000000 A40003118734  
 CIN: 130053179600005

MOD 56 Funding 381506.76  
 Cumulative Funding 34838443.47

MOD 57

700055 1300534248 34747.44  
 LLA :  
 LZ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00003145352  
 CIN: 130053424800002

700056 1300534248 39740.00  
 LLA :  
 MA 97X4930 NH2A 252 77777 0 050120 2F 000000 A10003145352  
 CIN: 130053424800003

700057 1300534248 6566.00  
 LLA :  
 MB 97X4930 NH2A 252 77777 0 050120 2F 000000 A20003145352  
 CIN: 130053424800004

700058 1300534248 4000.00  
 LLA :  
 MC 97X4930 NH2A 252 77777 0 050120 2F 000000 A30003145352  
 CIN: 130053424800005

700059 1300534248 2350.00  
 LLA :  
 MD 97X4930 NH2A 252 77777 0 050120 2F 000000 A40003145352  
 CIN: 130053424800006

700060 8376.70  
 LLA :  
 ME 97X4930 NH2A 252 77777 0 050120 2F 000000 A60003145352  
 CIN: 130053424800008

700061 1300534248 14830.40  
 LLA :  
 MF 97X4930 NH2A 252 77777 0 050120 2F 000000 A70003145352  
 CIN: 130053424800009

MOD 57 Funding 110610.54  
 Cumulative Funding 34949054.01

MOD 58

700062 1300537344 400000.00  
 LLA :  
 MH 97X4930 NH2A 252 77777 0 050120 2F 000000 A10003173190  
 CIN: 130053734400002

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700063 1300537344 18000.00  
 LLA :  
 MJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A20003173190  
 CIN: 130053734400003

700064 1300537344 12663.36  
 LLA :  
 MK 97X4930 NH2A 252 77777 0 050120 2F 000000 A30003173190  
 CIN: 130053734400004

700065 1300537344 6983.67  
 LLA :  
 ML 97X4930 NH2A 252 77777 0 050120 2F 000000 A40003173190  
 CIN: 130053734400005

700066 1300537344 8400.23  
 LLA :  
 MM 97X4930 NH2A 252 77777 0 050120 2F 000000 A50003173190  
 CIN: 130053734400006

700067 1300537344 28539.00  
 LLA :  
 MN 97X4930 NH2A 252 77777 0 050120 2F 000000 A60003173190  
 CIN: 130053734400007

700068 1300537608 152308.00  
 LLA :  
 MP 1761319 Y5EJ 251 00019 0 050120 2D 000000 A00003176151  
 CIN: 130053760800001

900106 1300537344 13500.00  
 LLA :  
 MG 97X4930 NH2A 252 77777 0 050120 2F 000000 A00003173190  
 CIN: 130053734400001

MOD 58 Funding 640394.26  
 Cumulative Funding 35589448.27

MOD 59

700036 1300518238 (37627.27)  
 LLA :  
 LH 97X4930 NH2A 252 77777 0 050120 2F 000000 A30003005892  
 CIN: 130051823800004

700069 1300541380 20000.00  
 LLA :  
 MQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00003207866  
 CIN: 130054138000001

700070 1300541380 3339.16  
 LLA :  
 MR 97X4930 NH2A 252 77777 0 050120 2F 000000 A10003207866  
 CIN: 130054138000002

700071 1300541380 1600.00  
 LLA :  
 MS 97X4930 NH2A 252 77777 0 050120 2F 000000 A20003207866  
 CIN: 130054138000003

700072 1300541380 28120.05  
 LLA :  
 MT 97X4930 NH2A 252 77777 0 050120 2F 000000 A30003207866  
 CIN: 130054138000004

700073 1300541380 195723.87  
 LLA :  
 MT 97X4930 NH2A 252 77777 0 050120 2F 000000 A30003207866  
 CIN: 130054138000004

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700074 1300541380 49174.00  
 LLA :  
 MT 97X4930 NH2A 252 77777 0 050120 2F 000000 A30003207866  
 CIN: 130054138000004

700075 1300541380 21339.40  
 LLA :  
 MU 97X4930 NH2A 252 77777 0 050120 2F 000000 A40003207866  
 CIN: 130054138000005

900107 1300541380 8147.35  
 LLA :  
 MT 97X4930 NH2A 252 77777 0 050120 2F 000000 A30003207866  
 CIN: 130054138000004

900108 1300541380 750.00  
 LLA :  
 MT 97X4930 NH2A 252 77777 0 050120 2F 000000 A30003207866  
 CIN: 130054138000004

MOD 59 Funding 290566.56  
 Cumulative Funding 35880014.83

MOD 60

700062 1300537344 (100000.00)  
 LLA :  
 MH 97X4930 NH2A 252 77777 0 050120 2F 000000 A10003173190  
 CIN: 130053734400002

MOD 60 Funding -100000.00  
 Cumulative Funding 35780014.83

MOD 61

410065 1300394133 (98169.77)  
 LLA :  
 FN 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002053548  
 CIN: 130039413300001

710001 1300547116 50000.00  
 LLA :  
 MV 97X4930 NH2A 255 77777 0 050120 2F 000000 A10003266698  
 CIN: 130054711600005

MOD 61 Funding -48169.77  
 Cumulative Funding 35731845.06

MOD 62

700076 1300485751 38149.47  
 LLA :  
 MW 97X4930 NH2A 255 77777 0 050120 2F 000000 A20002781654  
 CIN: 130048575100003

MOD 62 Funding 38149.47  
 Cumulative Funding 35769994.53

MOD 63

400012 1300260039 (2636.63)  
 LLA :  
 AM 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001128381  
 CIN: 130026003900002

400040 1300267313 (32227.52)  
 LLA :  
 BW 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001176665



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CIN: 130026731300002

400045 1300289729 (6.88)

LLA :  
CB 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001313068  
CIN: 130028972900001

410074 1300383444-0001 (12992.65)

LLA :  
FV 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001967092  
CIN: 130038344400002

600103 1300260039 (2706.13)

LLA :  
AM 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001128381  
CIN: 130026003900002

600110 1300269156 (6291.72)

LLA :  
BN 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001190843  
CIN: 130026915600002

600416 1300267313 (2477.01)

LLA :  
BW 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001176665  
CIN: 130026731300002

600420 1300325267 (1410.22)

LLA :  
CT 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001551189  
CIN: 130032526700001

610413 1300349221 (1798.11)

LLA :  
DY 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001719311  
CIN: 130034922100001

610414 1300349221 (493.55)

LLA :  
DZ 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001719311  
CIN: 130034922100002

610428 1300383444-0001 (1431.66)

LLA :  
FV 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001967092  
CIN: 130038344400002

620103 1300413068 (9024.48)

LLA :  
GX 97X4930 NH2A 252 77777 0 050120 2F 000000 A50002199194  
CIN: 130041306800006

700077 1300557701 34574.00

LLA :  
NZ 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003337095  
CIN: 130055770100001

700078 1300557701 46000.00

LLA :  
PA 97X4930 NH2A 251 77777 0 050120 2F 000000 A10003337095  
CIN: 130055770100002

700079 1300557701 7425.69

LLA :  
PB 97X4930 NH2A 251 77777 0 050120 2F 000000 A20003337095  
CIN: 130055770100003

700080 1300557701 106767.31

LLA :  
PB 97X4930 NH2A 251 77777 0 050120 2F 000000 A20003337095  
CIN: 130055770100003

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700081	1300557701	16000.00
LLA :		
PB 97X4930 NH2A 251 77777 0 050120 2F 000000 A20003337095		
CIN: 130055770100003		
710002	1300556897	30000.00
LLA :		
MX 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003330897		
CIN: 130055689700001		
710003	1300556897	5149.39
LLA :		
MY 97X4930 NH2A 251 77777 0 050120 2F 000000 A20003330897		
CIN: 130055689700003		
710004	1300556897	64578.30
LLA :		
MZ 97X4930 NH2A 251 77777 0 050120 2F 000000 A30003330897		
CIN: 130055689700004		
710005	1300556897	30000.00
LLA :		
NA 97X4930 NH2A 251 77777 0 050120 2F 000000 A40003330897		
CIN: 130055689700005		
710006	1300556897	99000.00
LLA :		
NB 97X4930 NH2A 251 77777 0 050120 2F 000000 A90003330897		
CIN: 130055689700007		
710007	1300556897	40000.00
LLA :		
NC 97X4930 NH2A 251 77777 0 050120 2F 000000 B10003330897		
CIN: 130055689700008		
710008	1300556897	10000.00
LLA :		
ND 97X4930 NH2A 251 77777 0 050120 2F 000000 B70003330897		
CIN: 130055689700009		
710009	1300556897	19644.18
LLA :		
NE 97X4930 NH2A 251 77777 0 050120 2F 000000 B80003330897		
CIN: 130055689700002		
710010	1300556897	5000.00
LLA :		
NF 97X4930 NH2A 251 77777 0 050120 2F 000000 B90003330897		
CIN: 130055689700006		
710011	1300557671	38000.00
LLA :		
NG 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003336868		
CIN: 130055767100001		
710012	1300557671	102500.00
LLA :		
NH 97X4930 NH2A 251 77777 0 050120 2F 000000 A10003336868		
CIN: 130055767100002		
710013	1300557520	41000.00
LLA :		
NP 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003336862		
CIN: 130055752000001		
710014	1300557520	33000.00
LLA :		
NN 97X4930 NH2A 251 77777 0 050120 2F 000000 A10003336862		
CIN: 130055752000002		
710015	1300557520	76000.00
LLA :		

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NL 97X4930 NH2A 251 77777 0 050120 2F 000000 A20003336862  
CIN: 130055752000003

710016 1300554660 106974.00  
LLA :  
NQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00003314161  
CIN: 130055466000001

710017 1300554660 110735.53  
LLA :  
NQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00003314161  
CIN: 130055466000002

710018 1300554660 72048.18  
LLA :  
NR 97X4930 NH2A 252 77777 0 050120 2F 000000 A20003314161  
CIN: 130055466000004

710019 1300554660 15000.00  
LLA :  
NS 97X4930 NH2A 252 77777 0 050120 2F 000000 A30003314161  
CIN: 130055466000005

710020 1300554660 5000.00  
LLA :  
NT 97X4930 NH2A 252 77777 0 050120 2F 000000 A40003314161  
CIN: 130055466000006

710021 1300554660 39968.88  
LLA :  
NU 97X4930 NH2A 252 77777 0 050120 2F 000000 A50003314161  
CIN: 130055466000007

710022 1300553394 59710.00  
LLA :  
NV 1761804 4A4N 251 00019 0 050120 2D 000000 A00003304904  
CIN: 130055339400001

710023 1300553394 101273.57  
LLA :  
NW 1761804 4A4N 251 00019 0 050120 2D 000000 A10003304904  
CIN: 130055339400002

710024 1300553394 92118.00  
LLA :  
NX 1761804 4A4N 251 00019 0 050120 2D 000000 A20003304904  
CIN: 130055339400003

710025 1300553394 381497.00  
LLA :  
NY 1761804 4A4N 251 00019 0 050120 2D 000000 A30003304904  
CIN: 130055339400004

910101 1300554660 14999.56  
LLA :  
NQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00003314161  
CIN: 130055466000001

MOD 63 Funding 1730467.03  
Cumulative Funding 37500461.56

MOD 64

710026 1300558364 143800.00  
LLA :  
PD 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003342614  
Standard Number: 130055836400001  
CIN: 130055836400001

710027 1300558074 158940.35  
LLA :

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PE 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003339969  
Standard Number: 130055807400001  
CIN: 130055807400001

710028 1300558074 38911.60

LLA :  
QS 97X4930 NH2A 251 77777 0 050120 2F 000000 A10003339969  
Standard Number: 130055807400003  
CIN: 130055807400003

710029 1300558074 31729.00

LLA :  
PF 97X4930 NH2A 251 77777 0 050120 2F 000000 A20003339969  
Standard Number: 130055807400004  
CIN: 130055807400004

710030 1300558074 71786.90

LLA :  
PG 97X4930 NH2A 251 77777 0 050120 2F 000000 A30003339969  
Standard Number: 130055807400005  
CIN: 130055807400005

710031 1300559716 83316.05

LLA :  
PH 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003351828  
Standard Number: 130055971600001  
CIN: 130055971600001

710032 1300559716 439211.97

LLA :  
PJ 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003351828  
Standard Number: 130055971600002  
CIN: 130055971600002

710033 1300559716 129218.10

LLA :  
PK 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003351828  
Standard Number: 130055971600003  
CIN: 130055971600003

710034 1300559716 50348.81

LLA :  
PL 97X4930 NH2A 251 77777 0 050120 2F 000000 A10003351828  
Standard Number: 130055971600004  
CIN: 130055971600004

710035 1300559716 120247.93

LLA :  
PM 97X4930 NH2A 251 77777 0 050120 2F 000000 A20003351828  
Standard Number: 130055971600005  
CIN: 130055971600005

710036 1300559716 554254.85

LLA :  
PN 97X4930 NH2A 251 77777 0 050120 2F 000000 A30003351828  
Standard Number: 130055971600006  
CIN: 130055971600006

710037 1300559716 9000.00

LLA :  
PP 97X4930 NH2A 251 77777 0 050120 2F 000000 A40003351828  
Standard Number: 130055971600007  
CIN: 130055971600007

710038 1300559716 34614.00

LLA :  
PQ 97X4930 NH2A 251 77777 0 050120 2F 000000 A50003351828  
Standard Number: 130055971600008  
CIN: 130055971600008

710039 1300559716 65349.00

LLA :

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PR 97X4930 NH2A 251 77777 0 050120 2F 000000 A60003351828  
Standard Number: 130055971600009  
CIN: 130055971600009

710040 1300559716 73554.00

LLA :  
QM 97X4930 NH2A 251 77777 0 050120 2F 000000 A70003351828  
Standard Number: 130055971600010  
CIN: 130055971600010

910102 1300558074 9500.00

LLA :  
PX 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003339969  
Standard Number: 130055807400002  
A00003339969

910103 1300559716 33296.43

LLA :  
PT 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003351828  
Standard Number: 130055971600002  
A00003351828

910104 1300559716 2690.00

LLA :  
PU 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003351828  
Standard Number: 130055971600003  
CIN: 130055971600003

910105 1300559716 1899.60

LLA :  
PV 7X4930 NH2A 251 77777 0 050120 2F 000000 A30003351828  
Standard Number: 130055971600006  
CIN: 130055971600006

MOD 64 Funding 2051668.59  
Cumulative Funding 39552130.15

MOD 65 Funding 0.00  
Cumulative Funding 39552130.15

MOD 66

610106 1300354665 (11927.37)

LLA :  
EC 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001757603  
CIN: 130035466500002

620419 1300455884 (1776.00)

LLA :  
JF 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002520017  
CIN: 130045588400001

710041 1300561579 400000.00

LLA :  
QK 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003365859  
Standard Number: A00003365859  
CIN 130056157900002

710044 1300561579 117076.75

LLA :  
RK 97X4930 NH2A 251 77777 0 050120 2F 000000 A50003365859  
Standard Number: A50003365859  
CIN 130056157900007

710045 1300558829 191459.00

LLA :  
PY 1761319 J5VX 251 00019 0 050120 2D 000000 A00003346218  
Standard Number: A00003346218  
CIN 130055882900001

710046 1300558829 500000.00

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LLA :  
PZ 1761319 J5VX 251 00019 0 050120 2D 000000 A00003346218  
Standard Number: A00003346218  
CIN 130055882900001

900406 1300488835 (3657.00)

LLA :  
KJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002802509  
CIN: 130048883500001

900409 1300488835 (1346.30)

LLA :  
KQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A60002802509  
CIN: 130048883500008

900410 1300488835 (6700.00)

LLA :  
KR 97X4930 NH2A 252 77777 0 050120 2F 000000 A70002802509  
CIN: 130048883500009

900413 1300527558-0001 (542.74)

LLA :  
LR 97X4930 NH2A 252 77777 0 050120 2F 000000 A50003074377  
CIN: 130052755800006

910106 1300561579 4154.00

LLA :  
QA 97X4930 NH2A 251 77777 0 050120 2D 000000 A10003365859  
Standard Number: A10003365859  
CIN 130056157900003

910107 130056157 6556.60

LLA :  
QR 97X4930 NH2A 251 77777 0 050120 2F 000000 A30003365859  
Standard Number: A30003365859  
CIN 130056157900005

MOD 66 Funding 1193296.94  
Cumulative Funding 40745427.09

MOD 67

610107 1300362097 (1300.00)

LLA :  
EJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001804060  
CIN: 130036209700001

MOD 67 Funding -1300.00  
Cumulative Funding 40744127.09

MOD 68

600116 1300316922 (8372.99)

LLA :  
CF 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001502863  
CIN: 130031692200001

600202 1300316922 (465.79)

LLA :  
CF 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001502863  
CIN: 130031692200001

600418 1300316922 (4218.32)

LLA :  
CF 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001502863  
CIN: 130031692200001

MOD 68 Funding -13057.10  
Cumulative Funding 40731069.99

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MOD 69

710047 1300575663 100300.00  
 LLA :  
 QB 97X4930 NH2A 251 77777 0 050120 2F 000000 A20003474040  
 CIN 130057566300003

710048 1300575663 40000.00  
 LLA :  
 QC 97X4930 NH2A 251 77777 0 050120 2F 000000 A30003474040  
 CIN 130057566300004

710049 1300575663 5951.42  
 LLA :  
 QD 97X4930 NH2A 251 77777 0 050120 2F 000000 A50003474040  
 CIN 130057566300006

710050 1300575663 10000.00  
 LLA :  
 QE 97X4930 NH2A 251 77777 0 050120 2F 000000 A60003474040  
 CIN 130057566300007

710051 1300575663 5000.00  
 LLA :  
 QF 97X4930 NH2A 251 77777 0 050120 2F 000000 A70003474040  
 CIN 130057566300011

710052 1300575663 23453.14  
 LLA :  
 QG 97X4930 NH2A 251 77777 0 050120 2F 000000 A80003474040  
 CIN 130057566300009

710053 1300575663 5000.00  
 LLA :  
 QH 97X4930 NH2A 251 77777 0 050120 2F 000000 A90003474040  
 CIN 130057566300010

710054 1300575663 800.00  
 LLA :  
 QJ 97X4930 NH2A 251 77777 0 050120 2F 000000 B00003474040  
 CIN: 130057566300011

710055 1300575663 800.00  
 LLA :  
 QL 97x4930 NH2A 251 77777 0 050120 2F 000000 A00003474040  
 CIN 130057566300012

910108 1300575663 10000.00  
 LLA :  
 QN 97X4930 NH2A 251 77777 0 050120 2F 000000 A60003474040  
 CIN: 130057566300007

910201 1300575663 2000.00  
 LLA :  
 QP 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003474040  
 CIN 130057566300001

MOD 69 Funding 203304.56  
 Cumulative Funding 40934374.55

MOD 70

620101 1300406927 (2060.59)  
 LLA :  
 GF 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002154901  
 CIN: 130040692700003

620102 1300413068 (9360.35)  
 LLA :  
 GS 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002199194

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CIN: 130041306800001

620104 1300413094 (9014.11)

LLA :  
GY 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002199291  
CIN: 130041309400001

620105 1300418659 (9105.43)

LLA :  
HB 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002241805  
CIN: 130041865900001

620106 1300424656 (6761.00)

LLA :  
HR 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002288224  
CIN: 130042465600001

620107 1300425187 (2000.00)

LLA :  
HT 9740460 3101 SDS D0260 6 051310 TE 255Y44 VJ61427542SC 424400MIPR4GDVAV99175 019130  
CIN: 130042518700001

620413 1300418692 (1459.27)

LLA :  
HE 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002241807  
CIN: 130041869200002

620414 1300418692 (2646.00)

LLA :  
HK 97X4930 NH2A 252 77777 0 050120 2F 000000 A60002241807  
CIN: 130041869200007

620415 1300424385 (1350.00)

LLA :  
HS 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002287856  
CIN: 130042438500001

620417 1300443532 (18000.00)

LLA :  
HZ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002418719  
CIN: 130044353200001

MOD 70 Funding -61756.75  
Cumulative Funding 40872617.80

MOD 71

420069 1300469362 (234295.13)

LLA :  
JQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A20002652175  
CIN: 130046936200003

420070 1300469362 (20000.00)

LLA :  
JR 97X4930 NH2A 252 77777 0 050120 2F 000000 A30002652175  
CIN: 130046936200004

420071 1300466415 (2487.00)

LLA :  
JS 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002628621  
CIN: 130046641500002

420072 1300473630 (82083.25)

LLA :  
JU 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002690171  
CIN: 130047363000001

620108 1300462221 (2611.64)

LLA :  
JJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002591310  
CIN: 130046222100001



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620109 1300462221 (1029.20)  
 LLA :  
 JJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002591310  
 CIN: 130046222100001

620110 1300462221 (10000.00)  
 LLA :  
 JK 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002591310  
 CIN: 130046222100002

620111 1300473630 (840.20)  
 LLA :  
 JU 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002690171  
 CIN: 130047363000001

620203 1300462221 (5279.85)  
 LLA :  
 JK 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002591310  
 CIN: 130046222100002

620418 1300454245 (1572.00)  
 LLA :  
 JE 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002504255  
 CIN: 130045424500001

620420 1300466415 (62.00)  
 LLA :  
 JS 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002628621  
 CIN: 130046641500002

620421 1300469362 (5000.00)  
 LLA :  
 JT 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002652175  
 CIN: 130046936200002

MOD 71 Funding -365260.27  
 Cumulative Funding 40507357.53

MOD 72 Funding 0.00  
 Cumulative Funding 40507357.53

MOD 73

610105 1300354665 (215.04)  
 LLA :  
 EA 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001757603  
 CIN: 130035466500001

610419 1300384099 (439.65)  
 LLA :  
 FF 97X4930 NH2A 252 77777 0 050120 2F 000000 A50001974091  
 CIN: 130038409900006

MOD 73 Funding -654.69  
 Cumulative Funding 40506702.84

MOD 74

4220 1300452631 (31707.82)  
 LLA :  
 JD 97-11X8242 2878 000 74782 0 065916 2D PKUA44 400660010GGW  
 CIN: 130045263100001

610104 1300342923 (85.16)  
 LLA :  
 DH 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001671168  
 CIN: 130034292300004

610203 1300396578 (633.99)

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
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LLA :  
 FP 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002070613  
 CIN: 130039657800001

610425 1300396578 (388.23)

LLA :  
 FT 97X4930 NH2A 252 77777 0 050120 2F 000000 A40002070613  
 CIN: 130039657800006

6212 1300452631-0001 (12962.58)

LLA :  
 JH 97-11X8242 2878 000 74782 0 065916 2D PKUA44 400660020GGW  
 CIN: 130045263100002

MOD 74 Funding -45777.78  
 Cumulative Funding 40460925.06

MOD 75

400043 1300288256 (400.55)

LLA :  
 BY 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001306529  
 CIN: 130028825600001

410065 1300394133 (43450.46)

LLA :  
 FN 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002053548  
 CIN: 130039413300001

600102 1300260039 (2.69)

LLA :  
 AL 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001128381  
 CIN: 130026003900001

600114 1300288256 (8495.18)

LLA :  
 BY 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001306529  
 CIN: 130028825600001

600403 1300260039 (1634.40)

LLA :  
 AL 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001128381  
 CIN: 130026003900001

MOD 75 Funding -53983.28  
 Cumulative Funding 40406941.78

MOD 76

710056 1300580242 3810.54

LLA :  
 RA 97X4930 NH2A 251 77777 0 050120 2D 000000 A00003502400  
 Standard Number: CIN130058024200001  
 CIN: 130058024200001

710057 1300580242 2700.00

LLA :  
 RG 97X4930 NH2A 251 77777 0 050120 2D 000000 A10003502400  
 Standard Number: CIN130058024200002  
 CIN: 130058024200002

710058 1300580242 5951.42

LLA :  
 RH 97X4930 NH2A 251 77777 0 050120 2D 000000 A20003502400  
 Standard Number: CIN130058024200003  
 CIN: 130058024200003

710059 1300580242 43000.00

LLA :  
 RB 97X4930 NH2A 251 77777 0 050120 2D 000000 A30003502400

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Standard Number: CIN130058024200004  
CIN: 130058024200004

710060 1300580242 5000.00  
LLA :  
RC 97X4930 NH2A 251 77777 0 050120 2D 000000 A400003502400  
Standard Number: CIN130058024200005  
CIN: 130058024200005

710061 1300580242 7000.00  
LLA :  
RD 97X4930 NH2A 251 77777 0 050120 2D 000000 A50003502400  
Standard Number: CIN130058024200006  
CIN130058024200006

710062 1300590009 12000.00  
LLA :  
RE 97X4930 NH2A 251 77777 0 050120 2D 000000 A00003568696  
Standard Number: CIN130059000900001  
CIN130059000900001

710063 1300580242 9000.00  
LLA :  
RJ 97X4930 NH2A 251 77777 0 050120 2D 000000 A10003568696  
Standard Number: CIN130059000900002  
CIN130059000900002

710064 1300580242 102000.00  
LLA :  
RF 97X4930 NH2A 251 77777 0 050120 2D 000000 A20003568696  
Standard Number: CIN130059000900003  
CIN130059000900003

MOD 76 Funding 190461.96  
Cumulative Funding 40597403.74

MOD 77

410060 1300388069 (309.51)  
LLA :  
FJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002010379  
CIN: 130038806900002

420015 1300409857 (10000.00)  
LLA :  
GM 1741804 4A4N 251 00019 0 050120 2D 000000 A30002178797  
CIN: 130040985700004

610420 1300388069 (3070.91)  
LLA :  
FH 97X4930 NH2A 252 77777 0 050120 2F 000000 A00002010379  
CIN: 130038806900001

610421 1300388069 (878.80)  
LLA :  
FJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002010379  
CIN: 130038806900002

MOD 77 Funding -14259.22  
Cumulative Funding 40583144.52

MOD 78

620112 1300537344 11000.00  
LLA :  
MG 97X4930 NH2A 252 77777 0 050120 2F 000000 A00003173190  
CIN 13005374400001

710065 1300598023 34594.00  
LLA :

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RL 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003621716  
CIN 130059802300001

710066 1300598023 266319.00

LLA :  
RL 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003621716  
CIN 130059802300002

710067 1300598023 71351.00

LLA :  
RL 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003621716  
CIN 130059802300003

710068 1300598023 37764.00

LLA :  
RM 97X4930 NH2A 251 77777 0 050120 2F 000000 A10003621716  
CIN 130059802300004

710069 1300598023 220000.00

LLA :  
RN 97X4930 NH2A 251 77777 0 050120 2F 000000 A20003621716  
CIN 130059802300005

710070 1300598023 17000.00

LLA :  
RP 97X4930 NH2A 251 77777 0 050120 2F 000000 A70003621716  
CIN 130059802300006

710071 1300598023 13500.00

LLA :  
RQ 97X4930 NH2A 251 77777 0 050120 2F 000000 A80003621716  
CIN 130059802300007

710072 1300598023 75315.86

LLA :  
RR 97X4930 NH2A 251 77777 0 050120 2F 000000 A90003621716  
CIN 130059802300008

900106 1300537344 (11000.00)

LLA :  
MG 97X4930 NH2A 252 77777 0 050120 2F 000000 A00003173190  
CIN: 130053734400001

MOD 78 Funding 735843.86  
Cumulative Funding 41318988.38

MOD 79

710073 1300601613 23000.00

LLA :  
RS 5753600 2954 7EL 65313 3 2GBJ1J 80 201646 02F503000F03 000ALDAAFSR036818PSEG 50300  
CIN 130060161300001

MOD 79 Funding 23000.00  
Cumulative Funding 41341988.38

MOD 80

610421 1300388069 0.10

LLA :  
FJ 97X4930 NH2A 252 77777 0 050120 2F 000000 A10002010379  
CIN: 130038806900002

MOD 80 Funding 0.10  
Cumulative Funding 41341988.48

MOD 81

710074 1300604912 8975.00

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LLA :  
RT 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003683792  
CIN 130060491200001

710075 1300604912 4000.00  
LLA :  
RU 97X4930 NH2A 251 77777 0 050120 2F 000000 A10003683792  
CIN 130060491200002

710076 1300604912 7000.00  
LLA :  
RV 97X4930 NH2A 251 77777 0 050120 2F 000000 A20003683792  
CIN 130060491200003

710077 1300604912 19374.30  
LLA :  
RW 97X4930 NH2A 251 77777 0 050120 2F 000000 A30003683792  
CIN 130060491200004

710078 1300604912 15650.00  
LLA :  
RX 97X4930 NH2A 251 77777 0 050120 2F 000000 A40003683792  
CIN 130060491200005

710079 1300604912 32694.00  
LLA :  
RY 97X4930 NH2A 251 77777 0 050120 2F 000000 A50003683792  
CIN 130060491200006

710080 1300558074-0001 180370.00  
LLA :  
RZ 97X4930 NH2A 251 77777 0 050120 2F 000000 A40003339969  
CIN 130055807400006

710081 1300607431 39396.12  
LLA :  
SA 97X4930 NH2A 251 77777 0 050120 2D 000000 A00003706124  
CIN 130060743100001

910109 1300558074-0001 10800.00  
LLA :  
RZ 97X4930 NH2A 251 77777 0 050120 2F 000000 A40003339969  
CIN 130055807400006

MOD 81 Funding 318259.42  
Cumulative Funding 41660247.90

MOD 82 Funding 0.00  
Cumulative Funding 41660247.90

MOD 83

710082 1300612056 145800.00  
LLA :  
SB 97X4930 NH2A 251 77777 0 050120 2D 000000 A00003742336  
Standard Number: CIN 130061205600001

MOD 83 Funding 145800.00  
Cumulative Funding 41806047.90

MOD 84

710083 1300613488 180000.00  
LLA :  
SC 97X4930 NH2A 251 77777 0 050120 2D 000000 A00003755464  
Standard Number: CIN 130061348800001

710084 1300613488 54363.00  
LLA :  
SD 97X4930 NH2A 251 77777 0 050120 2F 000000 A10003755464

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Standard Number: CIN 130061348800002

MOD 84 Funding 234363.00  
Cumulative Funding 42040410.90

MOD 85

710085 1300611286 2400.00  
LLA :  
SE 97X4930 NH2A 251 77777 0 050120 2D 000000 A00003736708  
Standard Number: CIN 130061128600001

710086 1300611286 2400.00  
LLA :  
SF 97X4930 NH2A 251 77777 0 050120 2D 000000 A10003736708  
Standard Number: CIN 130061128600002

710087 1300611286 9440.00  
LLA :  
SG 97X4930 NH2A 251 77777 0 050120 2D 000000 A20003736708  
Standard Number: CIN 130061128600003

710088 1300611286 52399.15  
LLA :  
SG 97X4930 NH2A 251 77777 0 050120 2D 000000 A20003736708  
Standard Number: CIN 130061128600003

710089 1300611286 18910.00  
LLA :  
SG 97X4930 NH2A 251 77777 0 050120 2D 000000 A20003736708  
Standard Number: CIN 130061128600003

710090 1300611286 5284.00  
LLA :  
SH 97X4930 NH2A 251 77777 0 050120 2D 000000 A30003736708  
Standard Number: CIN 130061128600004

710091 1300611286 68000.00  
LLA :  
SJ 97X4930 NH2A 251 77777 0 050120 2D 000000 A40003736708  
Standard Number: CIN 130061128600005

710092 1300611286 29326.35  
LLA :  
SG 97X4930 NH2A 251 77777 0 050120 2D 000000 A20003736708  
Standard Number: CIN 130061128600006

710093 1300611286 151571.97  
LLA :  
SG 97X4930 NH2A 251 77777 0 050120 2D 000000 A20003736708  
Standard Number: CIN 130061128600006

710094 1300611286 36116.49  
LLA :  
SG 97X4930 NH2A 251 77777 0 050120 2D 000000 A20003736708  
Standard Number: CIN 130061128600006

710095 1300611286 5524.65  
LLA :  
SH 97X4930 NH2A 251 77777 0 050120 2D 000000 A30003736708  
Standard Number: CIN 130061128600007

MOD 85 Funding 381372.61  
Cumulative Funding 42421783.51

MOD 86

400037 1300269156 (12.85)  
LLA :  
BQ 97X4930 NH2A 252 77777 0 050120 2F 000000 A30001190843

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CIN: 130026915600004

600101 1300260071 (1426.85)  
 LLA :  
 AG 9720460 3101 SDS D0260 6 058140 TE 00255Y 24VJ61425542 SC424400MIPR2EDAV9915 019130  
 CIN: 130026007100001

600111 1300269156 (2000.00)  
 LLA :  
 BP 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001190843  
 CIN: 130026915600003

600113 1300269673 (6000.00)  
 LLA :  
 BR 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001193784  
 CIN: 130026967300001

600115 1300269673-0001 (2000.00)  
 LLA :  
 CA 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001193784  
 CIN: 130026967300002

600402 1300260071 (110.52)  
 LLA :  
 AK 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001128474  
 CIN: 130026007100004

600413 1300269156 (517.51)  
 LLA :  
 BP 97X4930 NH2A 252 77777 0 050120 2F 000000 A20001190843  
 CIN: 130026915600003

600415 1300269673 (1099.15)  
 LLA :  
 BR 97X4930 NH2A 252 77777 0 050120 2F 000000 A00001193784  
 CIN: 130026967300001

600417 1300269673-0001 (94.01)  
 LLA :  
 CA 97X4930 NH2A 252 77777 0 050120 2F 000000 A10001193784  
 CIN: 130026967300002

710096 1300614591-0001 8805.00  
 LLA :  
 SP 1771804 4A4N 251 00019 0 050120 2D 000000 B60003761270  
 COST CODE: B60003761270  
 CIN 130061459100005

710097 1300614591-0001 20933.00  
 LLA :  
 SQ 1771804 4A4N 251 00019 0 050120 2D 000000 B80003761270  
 COST CODE: B80003761270  
 CIN 130061459100006

710098 1300614591-0001 13417.00  
 LLA :  
 SR 1771804 4A4N 251 00019 0 050120 2D 000000 C00003761270  
 COST CODE: C00003761270  
 CIN 130061459100007

710099 1300614591-0001 56986.00  
 LLA :  
 SS 1771804 4A4N 251 00019 0 050120 2D 000000 C10003761270  
 COST CODE: C10003761270  
 CIN 130061459100008

MOD 86 Funding 86880.11  
 Cumulative Funding 42508663.62

MOD 87

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711001 1300616783 45652.00  
 LLA :  
 ST 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003779945  
 COST CODE: A0000377945  
 CIN: 130061678300001

MOD 87 Funding 45652.00  
 Cumulative Funding 42554315.62

MOD 88

711002 1300616400 24017.59  
 LLA :  
 SU 97-11X8242 2862 000 74622 0 065916 2D PJAG45 400980080CPI  
 COST CODE: 400980080CPI  
 CIN: 130061640000001

910110 1300616400 1105.06  
 LLA :  
 SU 97-11X8242 2862 000 74622 0 065916 2D PJAG45 400980080CPI  
 COST CODE: 400980080CPI  
 CIN: 130061640000001

MOD 88 Funding 25122.65  
 Cumulative Funding 42579438.27

MOD 89

711003 1300620684 10623.25  
 LLA :  
 SV 97X4930 NH2A 251 77777 0 050120 2F 000000 A00003810361  
 COST CODE: A00003810361  
 CIN: 130062068400001

711004 1300558829-0001 15000.00  
 LLA :  
 SW 1761319 J5VX 251 00019 0 050120 2D 000000 A00003346218  
 COST CODE: A00003346218  
 CIN: 130055882900002

MOD 89 Funding 25623.25  
 Cumulative Funding 42605061.52



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## SECTION H SPECIAL CONTRACT REQUIREMENTS

Section H information is applicable to: CLINs 4XXX, 6XXX, 7XXX, and 9XXX.

### CLAUSES IN FULL TEXT

#### **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, Patuxent River, MD 20670. 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 Contracting Officer Representative (COR), identified in clause 5252.201-9501 of this task order and [REDACTED] AIR-5.1D Alternate Contracting Officer Representative (ACOR), Manned & Unmanned Air Vehicle Division, 21960 Nickles Road, Bldg. 201, Patuxent River, MD 20670, Email: [REDACTED]. All losses are to have the permanent badges returned to: The Pass Visitor Office at Bldg. 2389, NAS Patuxent River, MD 20670, located at the entrance of Security Gate #2, on the last day of the individual's task requirement.

(End of Clause)

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

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

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

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

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

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

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

- (1) "System" includes system, major component, subassembly or subsystem, project, or item.
- (2) "Nondevelopmental items" as defined in FAR 2.101.
- (3) "Systems Engineering" (SE) includes, but is not limited to, the activities in FAR 9.505-1(b).

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(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 3 years after the date of completion of the contract. (FAR 9.505-1(a))

[ ] (2) To the extent the contractor prepares and furnishes complete specifications covering nondevelopmental items to be used in a competitive acquisition, the contractor shall not be allowed to furnish these items either as a prime contractor or subcontractor. This rule applies to the initial production contract, for such items plus a specified time period or event. The contractor agrees to prepare complete specifications covering non-developmental items to be used in competitive acquisitions, and the contractor agrees not to be a supplier to the Department of Defense, subcontract supplier, or a consultant to a supplier of any system or subsystem for which complete specifications were prepared hereunder. The prohibition relative to being a supplier, a subcontract supplier, or a consultant to a supplier of these systems of their subsystems extends for a period of 3 years after the terms of this contract. (FAR 9.505-2(a)(1))

[ ] (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 3 years after the terms of this contract. (FAR 9.505-2(b)(1))

[ ] (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

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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)

(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 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))

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

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

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

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

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

(3) the dollar amount;

(4) the period of performance; and

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

(End of Clause)

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**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.

(End of Clause)

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

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

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

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

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

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

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

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

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

(End of Clause)

**5252.227-9501 INVENTION DISCLOSURES AND REPORTS (NAVAIR) (MAY 1998)**

(a) In accordance with the requirements of the Patent Rights clause of this contract, the contractor shall submit "Report of Inventions and Subcontracts" (DD Form 882) along with written disclosure of inventions to the designated Contract Administrator.

(b) The Contract Administrator will forward such reports and disclosures directly to the appropriate Patent Counsel, designated below, for review and recommendations, after which the reports will be returned to the Contract Administrator.

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Name and address of Patent Counsel:

**Mark O. Glut, Patent Attorney**  
**Code 11.2**  
**Building 435**  
**47076 Liljencrantz Road**  
**Patuxent River, MD 20670**  
**Email: [mark.glut@navy.mil](mailto:mark.glut@navy.mil)**  
**Phone: (301) 757-0582**  
**Fax: (301) 757-2940**

(c) The above designated Patent Counsel will represent the Procurement Contracting Officer with regard to invention reporting matters arising under this contract.

(d) A copy of each report and disclosure shall be forwarded to the Procuring Contracting Officer.

(e) The contractor shall furnish the Contracting Officer a final report within three (3) months after completion of the contracted work listing all subject inventions or certifying that there were no such inventions, and listing all subcontracts at any tier containing a patent rights clause or certifying that there were no such subcontracts.

(End of Clause)

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

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

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

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

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

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

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(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.

(End of Clause)

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

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

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

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(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)".

(End of Clause)

**5252.237-9503 ORDERING PROCEDURES FOR NAVY MARINE CORPS INTRANET (NMCI) SERVICES (NAVAIR) (JAN 2012)**

(a) This Support Services contract may require the use of and/or access to Department of Navy (DoN) Information Technology (IT) Resources by contractor personnel for contract performance. Applicable DoN IT Resources for performance of this contract shall be procured from the NMCI Contractor pursuant to the authority of NMCI Contract #N00039-10-D-0010, "Ordering" clause.

(b) The Support Services contractor shall obtain written authorization from the Contracting Officer executing this contract, prior to ordering directly from the NMCI Contractor. No NMCI Order may be placed without the prior written authorization of the Contracting Officer. Any NMCI Order exceeding the written authorization of the Contracting Officer shall be treated as an unallowable cost pursuant to FAR Part 31.

(c) The Government shall reimburse the contractor for the placement of NMCI Orders including applicable indirect burdens (general & administrative, etc.), excluding profit or fee.

NAVAIR Clause 5252.237-9503 Ordering Procedures for Navy Marine Corps Intranet (NMCI) and the associated Attachments (7) and (8) are hereby suspended from use under this order effective 1 October 2015.

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

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

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

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

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

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

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

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

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

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

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

(vii) If the contractor undertakes work associated with a TDL that is considered to be outside the scope of the contract, the contractor does so at its own risk and is not subject to recover any costs and fee or profit associated with the scope of effort.

(End of Clause)



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

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

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

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

(End of Clause)

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

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

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

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

(c) The Contracting Officer is the only person authorized to approve changes in any of the requirements of this contract and notwithstanding provisions contained elsewhere in this contract, the said authority remains solely the Contracting Officer's. In the event the contractor effects any change at the direction of any person other than the Contracting Officer, the change will be considered to have been made without authority and no adjustment will be made in the contract price to cover any increase in charges incurred as a result thereof. The address and telephone number of the Contracting Officer is: Silas Alexander, (301) 757-9796, [silas.alexander@navy.mil](mailto:silas.alexander@navy.mil).

(End of Clause)

**5252.245-9500 GOVERNMENT PROPERTY FOR THE PERFORMANCE OF THIS CONTRACT (NAVAIR) (FEB 2009)**

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

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

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

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

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

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

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

(4) If authority has been granted in accordance with FAR 51.102, Contractor access to Government supply sources is authorized for the following items:

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

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

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

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

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## SECTION I CONTRACT CLAUSES

### Section I Information is applicable to CLINs 4XXX, 6XXX, 7XXX, & 9XXX.

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

The following clauses are included by reference:

52.222-4	Contract Work Hours and Safety Standards Act -- Overtime Compensation	Jul-12
52.222-40	Notification Of Employee Rights Under The National Labor Relations Act	Dec-12
52.223-5	Pollution Prevention and Right-to-Know Information	May-12
52.230-2	Cost Accounting Standards	May-12
52.230-3	Disclosure and Consistency of Cost Accounting Practices	May-12
52.230-4	Disclosure and Consistency of Cost Accounting Practices - Foreign Concerns	May-12
52.230-5	Cost Accounting Standards - Educational Institution	May-12
52.232-39	Unenforceability of Unauthorized Obligations	Jun-13
52.237-2	Protection Of Government Buildings, Equipment, And Vegetation	Apr-84
52.251-1	Government Supply Sources	Aug-12
252.228-7001	Ground and Flight Risk	Jun-12
252.242-7004	Material Management And Accounting System	May-12

### CLAUSES IN FULL TEXT

#### **52.217-8 -- Option to Extend Services (NOV 1999)**

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

(End of Clause)

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

- (a) The Government may extend the term of this contract by written notice to the Contractor within 30 days; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 60 days before the contract expires. The preliminary notice does not commit the Government to an extension.
- (b) If the Government exercises this option, the extended contract shall be considered to include this option clause.
- (c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 36 (months).

(End of Clause)

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### 52.222-2 -- Payment for Overtime Premiums (Jul 1990)

(a) The use of overtime is authorized under this contract if the overtime premium does not exceed \* [REDACTED] or the overtime premium is paid for work --

- (1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;
- (2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;
- (3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or
- (4) That will result in lower overall costs to the Government.<sup>52</sup>

(b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall --

- (1) Identify the work unit; e.g., department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;
- (2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;
- (3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and
- (4) Provide reasons why the required work cannot be performed by using multishift operations or by employing additional personnel.

\* The inserted figure does not apply to the exceptions in subparagraph (a)(1) through (a)(4) of the clause.

(End of Clause)

### 252.227-7013 Rights in Technical Data--Noncommercial Items (MAR 2011)

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

- (1) "Computer data base" means a collection of data recorded in a form capable of being processed by a computer. The term does not include computer software.
- (2) "Computer program" means a set of instructions, rules, or routines recorded in a form that is capable of causing a computer to perform a specific operation or series of operations.
- (3) "Computer software" means computer programs, source code, source code listings, object code listings, design details, algorithms, processes, flow charts, formulae and related material that would enable the software to be reproduced, recreated, or recompiled. Computer software does not include computer data bases or computer software documentation.
- (4) "Computer software documentation" means owner's manuals, user's manuals, installation instructions, operating instructions, and other similar items, regardless of storage medium, that explain the capabilities of the computer software or provide instructions for using the software.
- (5) "Covered Government support contractor" means a contractor under a contract, the primary

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purpose of which is to furnish independent and impartial advice or technical assistance directly to the Government in support of the Government's management and oversight of a program or effort (rather than to directly furnish an end item or service to accomplish a program or effort), provided that the contractor—

(i) Is not affiliated with the prime contractor or a first-tier subcontractor on the program or effort, or with any direct competitor of such prime contractor or any such first-tier subcontractor in furnishing end items or services of the type developed or produced on the program or effort; and

(ii) Receives access to technical data or computer software for performance of a Government contract that contains the clause at 252.227-7025, Limitations on the Use or Disclosure of Government-Furnished Information Marked with Restrictive Legends.

(6) "Detailed manufacturing or process data" means technical data that

describe the steps, sequences, and conditions of manufacturing, processing or assembly used by the manufacturer to produce an item or component or to perform a process.

(7) "Developed" means that an item, component, or process exists and is

workable. Thus, the item or component must have been constructed or the process practiced. Workability is generally established when the item, component, or process has been analyzed or tested sufficiently to demonstrate to reasonable people skilled in the applicable art that there is a high probability that it will operate as intended. Whether, how much, and what type of analysis or testing is required to establish workability depends on the nature of the item, component, or process, and the state of the art. To be considered "developed," the item, component, or process need not be at the stage where it could be offered for sale or sold on the commercial market, nor must the item, component, or process be actually reduced to practice within the meaning of Title 35 of the United States Code.

(8) "Developed exclusively at private expense" means development was

accomplished entirely with costs charged to indirect cost pools, costs not allocated to a government contract, or any combination thereof.

(i) Private expense determinations should be made at the lowest practicable level.

(ii) Under fixed-price contracts, when total costs are greater than the firm-fixed-price or ceiling price of the contract, the additional development costs necessary to complete development shall not be considered when determining whether development was at government, private, or mixed expense.

(9) "Developed exclusively with government funds" means development was not

accomplished exclusively or partially at private expense.

(10) "Developed with mixed funding" means development was accomplished

partially with costs charged to indirect cost pools and/or costs not allocated to a government contract, and partially with costs charged directly to a government contract.

(11) "Form, fit, and function data" means technical data that describes the

required overall physical, functional, and performance characteristics (along with the qualification requirements, if applicable) of an item, component, or process to the extent necessary to permit identification of physically and functionally interchangeable items.

(12) "Government purpose" means any activity in which the United States

Government is a party, including cooperative agreements with international or multi-national defense organizations, or sales or transfers by the United States Government to foreign governments or international organizations.

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Government purposes include competitive procurement, but do not include the rights to use, modify, reproduce, release, perform, display, or disclose technical data for commercial purposes or authorize others to do so.

(13) “Government purpose rights” means the rights to—

(i) Use, modify, reproduce, release, perform, display, or disclose technical data within the Government without restriction; and

(ii) Release or disclose technical data outside the Government and authorize persons to whom release or disclosure has been made to use, modify, reproduce, release, perform, display, or disclose that data for United States government purposes.

(14) “Limited rights” means the rights to use, modify, reproduce, release,

perform, display, or disclose technical data, in whole or in part, within the Government. The Government may not, without the written permission of the party asserting limited rights, release or disclose the technical data outside the Government, use the technical data for manufacture, or authorize the technical data to be used by another party,

except that the Government may reproduce, release, or disclose such data or authorize

the use or reproduction of the data by persons outside the Government if—

(i) The reproduction, release, disclosure, or use is—

(A) Necessary for emergency repair and overhaul; or

(B) A release or disclosure to—

(1) A covered Government support contractor, for use, modification, reproduction, performance, display, or release or disclosure to authorized person(s) in performance of a Government contract; or

(2) A foreign government, of technical data (other than detailed manufacturing or process data when use of such data by the foreign government is in the interest of the Government and is required for evaluational or informational purposes;

(ii) The recipient of the technical data is subject to a prohibition on the

further reproduction, release, disclosure, or use of the technical data; and

(iii) The contractor or subcontractor asserting the restriction is notified of

such reproduction, release, disclosure, or use.

(15) “Technical data” means recorded information, regardless of the form or

method of the recording, of a scientific or technical nature (including computer software documentation). The term does not include computer software or data incidental to contract administration, such as financial and/or management information.

(16) “Unlimited rights” means rights to use, modify, reproduce, perform,

display, release, or disclose technical data in whole or in part, in any manner, and for any purpose whatsoever, and to have or authorize others to do so.

(b) *Rights in technical data.* The Contractor grants or shall obtain for the Government the following royalty free, world-wide, nonexclusive, irrevocable license rights in technical data other than computer software documentation (see the Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation clause of this contract for rights in computer software documentation):

(1) Unlimited rights. The Government shall have unlimited rights in technical data that are—

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- (i) Data pertaining to an item, component, or process which has been or will be developed exclusively with Government funds;
- (ii) Studies, analyses, test data, or similar data produced for this contract, when the study, analysis, test, or similar work was specified as an element of performance;
- (iii) Created exclusively with Government funds in the performance of a contract that does not require the development, manufacture, construction, or production of items, components, or processes;
- (iv) Form, fit, and function data;
- (v) Necessary for installation, operation, maintenance, or training purposes (other than detailed manufacturing or process data);
- (vi) Corrections or changes to technical data furnished to the Contractor by the Government;
- (vii) Otherwise publicly available or have been released or disclosed by the Contractor or subcontractor without restrictions on further use, release or disclosure, other than a release or disclosure resulting from the sale, transfer, or other assignment of interest in the technical data to another party or the sale or transfer of some or all of a business entity or its assets to another party;
- (viii) Data in which the Government has obtained unlimited rights under another Government contract or as a result of negotiations; or
- (ix) Data furnished to the Government, under this or any other Government contract or subcontract thereunder, with—
  - (A) Government purpose license rights or limited rights and the restrictive condition(s) has/have expired; or
  - (B) Government purpose rights and the Contractor's exclusive right to use such data for commercial purposes has expired.

(2) Government purpose rights.

- (i) The Government shall have government purpose rights for a five-year period, or such other period as may be negotiated, in technical data—
  - (A) That pertain to items, components, or processes developed with mixed funding except when the Government is entitled to unlimited rights in such data as provided in paragraphs (b)(ii) and (b)(iv) through (b)(ix) of this clause; or
  - (B) Created with mixed funding in the performance of a contract that does not require the development, manufacture, construction, or production of items, components, or processes.
- (ii) The five-year period, or such other period as may have been negotiated, shall commence upon execution of the contract, subcontract, letter contract (or similar contractual instrument), contract modification, or option exercise that required development of the items, components, or processes or creation of the data described in paragraph (b)(2)(i)(B) of this clause. Upon expiration of the five-year or other negotiated period, the Government shall have unlimited rights in the technical data.
- (iii) The Government shall not release or disclose technical data in which it has government purpose rights unless—
  - (A) Prior to release or disclosure, the intended recipient is subject to the non-disclosure agreement at 227.7103-7 of the Defense Federal Acquisition Regulation Supplement (DFARS); or



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(B) The recipient is a Government contractor receiving access to the data for performance of a Government contract that contains the clause at DFARS 252.227-7025, Limitations on the Use or Disclosure of Government-Furnished Information Marked with Restrictive Legends.

(iv) The Contractor has the exclusive right, including the right to license others, to use technical data in which the Government has obtained government purpose rights under this contract for any commercial purpose during the time period specified in the government purpose rights legend prescribed in paragraph (f)(2) of this clause.

(3) Limited rights.

(i) Except as provided in paragraphs (b)(1)(ii) and (b)(1)(iv) through (b)(1)(ix) of this clause, the Government shall have limited rights in technical data—

(A) Pertaining to items, components, or processes developed exclusively at private expense and marked with the limited rights legend prescribed in paragraph (f) of this clause; or

(B) Created exclusively at private expense in the performance of a contract that does not require the development, manufacture, construction, or production of items, components, or processes.

(ii) The Government shall require a recipient of limited rights data for emergency repair or overhaul to destroy the data and all copies in its possession promptly following completion of the emergency repair/overhaul and to notify the Contractor that the data have been destroyed.

(iii) The Contractor, its subcontractors, and suppliers are not required to provide the Government additional rights to use, modify, reproduce, release, perform, display, or disclose technical data furnished to the Government with limited rights. However, if the Government desires to obtain additional rights in technical data in which it has limited rights, the Contractor agrees to promptly enter into negotiations with the Contracting Officer to determine whether there are acceptable terms for transferring such rights. All technical data in which the Contractor has granted the Government additional rights shall be listed or described in a license agreement made part of the contract. The license shall enumerate the additional rights granted the Government in such data.

(iv) The Contractor acknowledges that—

(A) Limited rights data is authorized to be released or disclosed to covered Government support contractors;

(B) The Contractor will be notified of such release or disclosure;

(C) The Contractor (or the party asserting restrictions as identified in the limited rights legend) may require each such covered Government support contractor to enter into a non-disclosure agreement directly with the Contractor (or the party asserting restrictions) regarding the covered Government support contractor's use of such data, or alternatively, that the Contractor (or party asserting restrictions) may waive in writing the requirement for a non-disclosure agreement;

(D) Any such non-disclosure agreement shall address the restrictions on the covered Government support contractor's use of the limited rights data as set forth in the clause at 252.227-7025, and shall not include any additional terms and conditions unless mutually agreed to by the parties to the non-disclosure agreement; and

(E) The Contractor shall provide a copy of any such non-disclosure agreement or waiver to the Contracting Officer, upon request.

(4) Specifically negotiated license rights. The standard license rights granted to the Government

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under paragraphs (b)(1) through (b)(3) of this clause, including the period during which the Government shall have government purpose rights in technical data, may be modified by mutual agreement to provide such rights as the parties consider appropriate but shall not provide the Government lesser rights than are enumerated in paragraph (a)(13) of this clause. Any rights so negotiated shall be identified in a license agreement made part of this contract.

(5) Prior government rights. Technical data that will be delivered, furnished, or otherwise provided to the Government under this contract, in which the Government has previously obtained rights shall be delivered, furnished, or provided with the pre-existing rights, unless—

- (i) The parties have agreed otherwise; or
- (ii) Any restrictions on the Government's rights to use, modify, reproduce, release, perform, display, or disclose the data have expired or no longer apply.

(6) Release from liability. The Contractor agrees to release the Government from liability for any release or disclosure of technical data made in accordance with paragraph (a)(13) or (b)(2)(iii) of this clause, in accordance with the terms of a license negotiated under paragraph (b)(4) of this clause, or by others to whom the recipient has released or disclosed the data and to seek relief solely from the party who has improperly used, modified, reproduced, released, performed, displayed, or disclosed Contractor data marked with restrictive legends.

(c) *Contractor rights in technical data*. All rights not granted to the Government are retained by the Contractor.

(d) *Third party copyrighted data*. The Contractor shall not, without the written approval of the Contracting Officer, incorporate any copyrighted data in the technical data to be delivered under this contract unless the Contractor is the copyright owner or has obtained for the Government the license rights necessary to perfect a license or licenses in the deliverable data of the appropriate scope set forth in paragraph (b) of this clause, and has affixed a statement of the license or licenses obtained on behalf of the Government and other persons to the data transmittal document.

(e) *Identification and delivery of data to be furnished with restrictions on use, release, or disclosure*.

- (1) This paragraph does not apply to restrictions based solely on copyright.
- (2) Except as provided in paragraph (e)(3) of this clause, technical data that the Contractor asserts should be furnished to the Government with restrictions on use, release, or disclosure are identified in an attachment to this contract (the Attachment). The Contractor shall not deliver any data with restrictive markings unless the data are listed on the Attachment.
- (3) In addition to the assertions made in the Attachment, other assertions may be identified after award when based on new information or inadvertent omissions unless the inadvertent omissions would have materially affected the source selection decision. Such identification and assertion shall be submitted to the Contracting Officer as soon as practicable prior to the scheduled date for delivery of the data, in the following format, and signed by an official authorized to contractually obligate the Contractor:

Identification and Assertion of Restrictions on the Government's Use, Release,  
or Disclosure of Technical Data.

The Contractor asserts for itself, or the persons identified below, that the Government's rights to use, release, or disclose the following technical data should be restricted—

Technical Data			Name of Person
to be Furnished	Basis for	Asserted Rights	Asserting
With Restrictions*	Assertion**	Category***	Restrictions****

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(LIST)	(LIST)	(LIST)	(LIST)
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\*If the assertion is applicable to items, components, or processes developed at private expense, identify both the data and each such item, component, or process.

\*\*Generally, the development of an item, component, or process at private expense, either exclusively or partially, is the only basis for asserting restrictions on the Government's rights to use, release, or disclose technical data pertaining to such items, components, or processes. Indicate whether development was exclusively or partially at private expense. If development was not at private expense, enter the specific reason for asserting that the Government's rights should be restricted.

\*\*\*Enter asserted rights category (e.g., government purpose license rights from a prior contract, rights in SBIR data generated under another contract, limited or government purpose rights under this or a prior contract, or specifically negotiated licenses).

\*\*\*\*Corporation, individual, or other person, as appropriate.

Date \_\_\_\_\_  
 Printed Name and Title \_\_\_\_\_  
 \_\_\_\_\_  
 Signature \_\_\_\_\_

(End of identification and assertion)

(4) When requested by the Contracting Officer, the Contractor shall provide sufficient information to enable the Contracting Officer to evaluate the Contractor's assertions. The Contracting Officer reserves the right to add the Contractor's assertions to the Attachment and validate any listed assertion, at a later date, in accordance with the procedures of the Validation of Restrictive Markings on Technical Data clause of this contract.

(f) *Marking requirements.* The Contractor, and its subcontractors or suppliers, may only assert restrictions on the Government's rights to use, modify, reproduce, release, perform, display, or disclose technical data to be delivered under this contract by marking the deliverable data subject to restriction. Except as provided in paragraph (f)(5) of this clause, only the following legends are authorized under this contract: the government purpose rights legend at paragraph (f)(2) of this clause; the limited rights legend at paragraph (f)(3) of this clause; or the special license rights legend at paragraph (f)(4) of this clause; and/or a notice of copyright as prescribed under 17 U.S.C. 401 or 402.

(1) General marking instructions. The Contractor, or its subcontractors or suppliers, shall conspicuously and legibly mark the appropriate legend on all technical data that qualify for such markings. The authorized legends shall be placed on the transmittal document or storage container and, for printed material, each page of the printed material containing technical data for which restrictions are asserted. When only portions of a page of printed material are subject to the asserted restrictions, such portions shall be identified by circling, underscoring, with a note, or other appropriate identifier. Technical data transmitted directly from one computer or computer terminal to another shall contain a notice of asserted restrictions. Reproductions of technical data or any portions thereof subject to asserted restrictions shall also reproduce the asserted restrictions.

(2) Government purpose rights markings. Data delivered or otherwise furnished to the Government with government purpose rights shall be marked as follows:

GOVERNMENT PURPOSE RIGHTS

Contract No. N00178-04-D-4080-M803  
 Contractor Name ManTech Systems Engineering Corporation  
 Contractor Address 46610 Expedition Drive, Suite 101

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Lexington Park, MD 20653

Expiration Date

The Government's rights to use, modify, reproduce, release, perform, display, or disclose these technical data are restricted by paragraph (b)(2) of the Rights in Technical Data—Noncommercial Items clause contained in the above identified contract. No restrictions apply after the expiration date shown above. Any reproduction of technical data or portions thereof marked with this legend must also reproduce the markings.

(End of legend)

(3) Limited rights markings. Data delivered or otherwise furnished to the Government with limited rights shall be marked with the following legend:

LIMITED RIGHTS

Contract No. N00178-04-D-4080-M803  
Contractor Name ManTech Systems Engineering Corporation  
Contractor Address 46610 Expedition Drive, Suite 101  
Lexington Park, MD 20653

The Government's rights to use, modify, reproduce, release, perform, display, or disclose these technical data are restricted by paragraph (b)(3) of the Rights in Technical Data--Noncommercial Items clause contained in the above identified contract. Any reproduction of technical data or portions thereof marked with this legend must also reproduce the markings. Any person, other than the Government, who has been provided access to such data must promptly notify the above named Contractor.

(End of legend)

(4) Special license rights markings.

(i) Data in which the Government's rights stem from a specifically negotiated license shall be marked with the following legend:

SPECIAL LICENSE RIGHTS

The Government's rights to use, modify, reproduce, release, perform, display, or disclose these data are restricted by Contract No. \_\_\_\_ (Insert contract number) \_\_\_\_, License No. \_\_\_\_ (Insert license identifier) \_\_\_\_. Any reproduction of technical data or portions thereof marked with this legend must also reproduce the markings.

(End of legend)

(ii) For purposes of this clause, special licenses do not include government purpose license rights acquired under a prior contract (see paragraph (b)(5) of this clause).

(5) Pre-existing data markings. If the terms of a prior contract or license permitted the Contractor to restrict the Government's rights to use, modify, reproduce, release, perform, display, or disclose technical data deliverable under this contract, and those restrictions are still applicable, the Contractor may mark such data with the appropriate restrictive legend for which the data qualified under the prior contract or license. The marking procedures in paragraph (f)(1) of this clause shall be followed.

(g) *Contractor procedures and records*. Throughout performance of this contract, the Contractor and its subcontractors or suppliers that will deliver technical data with other than unlimited rights, shall—

(1) Have, maintain, and follow written procedures sufficient to assure that restrictive markings are

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used only when authorized by the terms of this clause; and

(2) Maintain records sufficient to justify the validity of any restrictive markings on technical data delivered under this contract.

(h) *Removal of unjustified and nonconforming markings.*

(1) Unjustified technical data markings. The rights and obligations of the parties regarding the validation of restrictive markings on technical data furnished or to be furnished under this contract are contained in the Validation of Restrictive Markings on Technical Data clause of this contract. Notwithstanding any provision of this contract concerning inspection and acceptance, the Government may ignore or, at the Contractor's expense, correct or strike a marking if, in accordance with the procedures in the Validation of Restrictive Markings on Technical Data clause of this contract, a restrictive marking is determined to be unjustified.

(2) Nonconforming technical data markings. A nonconforming marking is a marking placed on technical data delivered or otherwise furnished to the Government under this contract that is not in the format authorized by this contract. Correction of nonconforming markings is not subject to the Validation of Restrictive Markings on Technical Data clause of this contract. If the Contracting Officer notifies the Contractor of a nonconforming marking and the Contractor fails to remove or correct such marking within sixty (60) days, the Government may ignore or, at the Contractor's expense, remove or correct any nonconforming marking.

(i) *Relation to patents*. Nothing contained in this clause shall imply a license to the Government under any patent or be construed as affecting the scope of any license or other right otherwise granted to the Government under any patent.

(j) *Limitation on charges for rights in technical data.*

(1) The Contractor shall not charge to this contract any cost, including, but not limited to, license fees, royalties, or similar charges, for rights in technical data to be delivered under this contract when—

(i) The Government has acquired, by any means, the same or greater rights in the data; or

(ii) The data are available to the public without restrictions.

(2) The limitation in paragraph (j)(1) of this clause—

(i) Includes costs charged by a subcontractor or supplier, at any tier, or costs incurred by the Contractor to acquire rights in subcontractor or supplier technical data, if the subcontractor or supplier has been paid for such rights under any other Government contract or under a license conveying the rights to the Government; and

(ii) Does not include the reasonable costs of reproducing, handling, or mailing the documents or other media in which the technical data will be delivered.

(k) *Applicability to subcontractors or suppliers.*

(1) The Contractor shall ensure that the rights afforded its subcontractors and suppliers under 10 U.S.C. 2320, 10 U.S.C. 2321, and the identification, assertion, and delivery processes of paragraph (e) of this clause are recognized and protected.

(2) Whenever any technical data for noncommercial items is to be obtained from a subcontractor or supplier for delivery to the Government under this contract, the Contractor shall use this same clause in the subcontract or other contractual instrument, and require its subcontractors or suppliers to do so, without alteration, except to identify the parties. No other clause shall be used to enlarge or diminish the Government's, the Contractor's, or a higher-tier subcontractor's or supplier's rights in a subcontractor's or supplier's technical data.

(3) Technical data required to be delivered by a subcontractor or supplier shall normally be delivered

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to the next higher-tier contractor, subcontractor, or supplier. However, when there is a requirement in the prime contract for data which may be submitted with other than unlimited rights by a subcontractor or supplier, then said subcontractor or supplier may fulfill its requirement by submitting such data directly to the Government, rather than through a higher-tier contractor, subcontractor, or supplier.

(4) The Contractor and higher-tier subcontractors or suppliers shall not use their power to award contracts as economic leverage to obtain rights in technical data from their subcontractors or suppliers.

(5) In no event shall the Contractor use its obligation to recognize and protect subcontractor or supplier rights in technical data as an excuse for failing to satisfy its contractual obligation to the Government.

(End of clause)

**252.227-7014 Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation (MAR 2011)**

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

(1) “Commercial computer software” means software developed or regularly used for non-governmental purposes which—

- (i) Has been sold, leased, or licensed to the public;
- (ii) Has been offered for sale, lease, or license to the public;
- (iii) Has not been offered, sold, leased, or licensed to the public but will be available for commercial sale, lease, or license in time to satisfy the delivery requirements of this contract; or
- (iv) Satisfies a criterion expressed in paragraph (a)(1)(i), (ii), or (iii) of this clause and would require only minor modification to meet the requirements of this contract.

(2) “Computer database” means a collection of recorded data in a form capable of being processed by a computer. The term does not include computer software.

(3) “Computer program” means a set of instructions, rules, or routines, recorded in a form that is capable of causing a computer to perform a specific operation or series of operations.

(4) “Computer software” means computer programs, source code, source code listings, object code listings, design details, algorithms, processes, flow charts, formulae, and related material that would enable the software to be reproduced, recreated, or recompiled. Computer software does not include computer databases or computer software documentation.

(5) “Computer software documentation” means owner's manuals, user's manuals, installation instructions, operating instructions, and other similar items, regardless of storage medium, that explain the capabilities of the computer software or provide instructions for using the software.

(6) "Covered Government support contractor" means a contractor under a contract, the primary purpose of which is to furnish independent and impartial advice or technical assistance directly to the Government in support of the Government's management and oversight of a program or effort (rather than to directly furnish an end item or service to accomplish a program or effort), provided that the contractor—

- (i) Is not affiliated with the prime contractor or a first-tier subcontractor on the program or effort, or with any direct competitor of such prime contractor or any such first-tier subcontractor in furnishing end items or services of the type developed or produced on the program or effort; and

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(ii) Receives access to technical data or computer software for performance of a Government contract that contains the clause at 252.227-7025, Limitations on the Use or Disclosure of Government-Furnished Information Marked with Restrictive Legends.

(7) “Developed” means that—

(i) A computer program has been successfully operated in a computer and tested to the extent sufficient to demonstrate to reasonable persons skilled in the art that the program can reasonably be expected to perform its intended purpose;

(ii) Computer software, other than computer programs, has been tested or analyzed to the extent sufficient to demonstrate to reasonable persons skilled in the art that the software can reasonably be expected to perform its intended purpose; or

(iii) Computer software documentation required to be delivered under a contract has been written, in any medium, in sufficient detail to comply with requirements under that contract.

(8) “Developed exclusively at private expense” means development was

accomplished entirely with costs charged to indirect cost pools, costs not allocated to a government contract, or any combination thereof.

(i) Private expense determinations should be made at the lowest practicable level.

(ii) Under fixed-price contracts, when total costs are greater than the firm-fixed-price or ceiling price of the contract, the additional development costs necessary to complete development shall not be considered when determining whether development was at government, private, or mixed expense.

(9) “Developed exclusively with government funds” means development was not

accomplished exclusively or partially at private expense.

(10) “Developed with mixed funding” means development was accomplished

partially with costs charged to indirect cost pools and/or costs not allocated to a government contract, and partially with costs charged directly to a government contract.

(11) “Government purpose” means any activity in which the United States

Government is a party, including cooperative agreements with international or multi-national defense organizations or sales or transfers by the United States Government to foreign governments or international organizations. Government purposes include competitive procurement, but do not include the rights to use, modify, reproduce, release, perform, display, or disclose computer software or computer software documentation for commercial purposes or authorize others to do so.

(12) “Government purpose rights” means the rights to—

(i) Use, modify, reproduce, release, perform, display, or disclose computer software or computer software documentation within the Government without restriction; and

(ii) Release or disclose computer software or computer software documentation outside the Government and authorize persons to whom release or disclosure has been made to use, modify, reproduce, release, perform, display, or disclose the software or documentation for United States government purposes.

(13) “Minor modification” means a modification that does not significantly alter

the nongovernmental function or purpose of the software or is of the type customarily provided in the commercial marketplace.

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(14) "Noncommercial computer software" means software that does not qualify as commercial computer software under paragraph (a)(1) of this clause.

(15) "Restricted rights" apply only to noncommercial computer software and mean the Government's rights to—

(i) Use a computer program with one computer at one time. The program may not be accessed by more than one terminal or central processing unit or time shared unless otherwise permitted by this contract;

(ii) Transfer a computer program to another Government agency without the further permission of the Contractor if the transferor destroys all copies of the program and related computer software documentation in its possession and notifies the licensor of the transfer. Transferred programs remain subject to the provisions of this clause;

(iii) Make the minimum number of copies of the computer software required for safekeeping (archive), backup, or modification purposes;

(iv) Modify computer software provided that the Government may—

(A) Use the modified software only as provided in paragraphs

(a)(15)(i) and (iii) of this clause; and

(B) Not release or disclose the modified software except as provided in

paragraphs (a)(15)(ii), (v), (vi) and (vii) of this clause;

(v) Permit contractors or subcontractors performing service contracts (see 37.101 of the Federal Acquisition Regulation) in support of this or a related contract to use computer software to diagnose and correct deficiencies in a computer program, to modify computer software to enable a computer program to be combined with, adapted to, or merged with other computer programs or when necessary to respond to urgent tactical situations, provided that—

(A) The Government notifies the party which has granted restricted rights that a release or disclosure to particular contractors or subcontractors was made;

(B) Such contractors or subcontractors are subject to the use and non-disclosure agreement at 227.7103-7 of the Defense Federal Acquisition Regulation Supplement (DFARS) or are Government contractors receiving access to the software for performance of a Government contract that contains the clause at DFARS 252.227-7025, Limitations on the Use or Disclosure of Government-Furnished Information Marked with Restrictive Legends;

(C) The Government shall not permit the recipient to decompile, disassemble, or reverse engineer the software, or use software decompiled,

disassembled, or reverse engineered by the Government pursuant to paragraph (a)(15)(iv) of this clause, for any other purpose; and

(D) Such use is subject to the limitation in paragraph (a)(15)(i) of this clause;

(vi) Permit contractors or subcontractors performing emergency repairs or overhaul of items or components of items procured under this or a related contract to use the computer software when necessary to perform the repairs or overhaul, or to modify the computer software to reflect the repairs or overhaul made, provided that—

(A) The intended recipient is subject to the use and non-disclosure agreement at DFARS 227.7103-7 or is a Government contractor receiving access to the software for



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performance of a Government contract that contains the clause at DFARS 252.227-7025, Limitations on the Use or Disclosure of Government-Furnished Information Marked with Restrictive Legends; and

(B) The Government shall not permit the recipient to decompile, disassemble, or reverse engineer the software, or use software decompiled,

disassembled, or reverse engineered by the Government pursuant to paragraph (a)(15)(iv) of this clause, for any other purpose; and

(vii) Permit covered Government support contractors to use, modify, reproduce, perform, display, or release or disclose the computer software to authorized person(s) in the performance of Government contracts that contain the clause at 252.227-7025, Limitations on the Use or Disclosure of Government-Furnished Information Marked with Restrictive Legends.

(16) "Unlimited rights" means rights to use, modify, reproduce, release,

perform, display, or disclose computer software or computer software documentation in whole or in part, in any manner and for any purpose whatsoever, and to have or authorize others to do so.

(b) *Rights in computer software or computer software documentation.* The Contractor grants or shall obtain for the Government the following royalty free, world-wide, nonexclusive, irrevocable license rights in noncommercial computer software or computer software documentation. All rights not granted to the Government are retained by the Contractor.

(1) Unlimited rights. The Government shall have unlimited rights in—

(i) Computer software developed exclusively with Government funds;

(ii) Computer software documentation required to be delivered under this contract;

(iii) Corrections or changes to computer software or computer software documentation furnished to the Contractor by the Government;

(iv) Computer software or computer software documentation that is otherwise publicly available or has been released or disclosed by the Contractor or subcontractor without restriction on further use, release or disclosure, other than a release or disclosure resulting from the sale, transfer, or other assignment of interest in the software to another party or the sale or transfer of some or all of a business entity or its assets to another party;

(v) Computer software or computer software documentation obtained with unlimited rights under another Government contract or as a result of negotiations; or

(vi) Computer software or computer software documentation furnished to the Government, under this or any other Government contract or subcontract thereunder with—

(A) Restricted rights in computer software, limited rights in technical data, or government purpose license rights and the restrictive conditions have expired; or

(B) Government purpose rights and the Contractor's exclusive right to use such software or documentation for commercial purposes has expired.

(2) Government purpose rights.

(i) Except as provided in paragraph (b)(1) of this clause, the Government shall have government purpose rights in computer software developed with mixed funding.

(ii) Government purpose rights shall remain in effect for a period of five years unless a different period has been negotiated. Upon expiration of the five-year or other negotiated period, the Government shall have unlimited rights in the computer software or computer software documentation. The government purpose rights period shall commence upon execution of the

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contract, subcontract, letter contract (or similar contractual instrument), contract modification, or option exercise that required development of the computer software.

(iii) The Government shall not release or disclose computer software in which it has government purpose rights to any other person unless—

(A) Prior to release or disclosure, the intended recipient is subject to the use and non-disclosure agreement at DFARS 227.7103-7; or

(B) The recipient is a Government contractor receiving access to the software or documentation for performance of a Government contract that contains the clause at DFARS 252.227-7025, Limitations on the Use or Disclosure of Government Furnished Information Marked with Restrictive Legends.

(3) Restricted rights.

(i) The Government shall have restricted rights in noncommercial computer software required to be delivered or otherwise provided to the Government under this contract that were developed exclusively at private expense.

(ii) The Contractor, its subcontractors, or suppliers are not required to provide the Government additional rights in noncommercial computer software delivered or otherwise provided to the Government with restricted rights. However, if the Government desires to obtain additional rights in such software, the Contractor agrees to promptly enter into negotiations with the Contracting Officer to determine whether there are acceptable terms for transferring such rights. All noncommercial computer software in which the Contractor has granted the Government additional rights shall be listed or described in a license agreement made part of the contract (see paragraph (b)(4) of this clause). The license shall enumerate the additional rights granted the Government.

(iii) The Contractor acknowledges that—

(A) Restricted rights computer software is authorized to be released or disclosed to covered Government support contractors;

(B) The Contractor will be notified of such release or disclosure;

(C) The Contractor (or the party asserting restrictions, as identified in the restricted rights legend) may require each such covered Government support contractor to enter into a non-disclosure agreement directly with the Contractor (or the party asserting restrictions) regarding the covered Government support contractor's use of such software, or alternatively, that the Contractor (or party asserting restrictions) may waive in writing the requirement for a non-disclosure agreement;

(D) Any such non-disclosure agreement shall address the restrictions on the covered Government support contractor's use of the restricted rights software as set forth in the clause at 252.227-7025, Limitations on the Use or Disclosure of Government-Furnished Information Marked with Restrictive Legends, and shall not include any additional terms and conditions unless mutually agreed to by the parties to the non-disclosure agreement; and

(E) The Contractor shall provide a copy of any such non-disclosure agreement or waiver to the Contracting Officer, upon request.

(4) Specifically negotiated license rights.

(i) The standard license rights granted to the Government under paragraphs (b)(1) through (b)(3) of this clause, including the period during which the Government shall have government purpose rights in computer software, may be modified by mutual agreement to provide such rights as the parties consider appropriate but shall not provide the Government

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lesser rights in computer software than are enumerated in paragraph (a)(14) of this clause or lesser rights in computer software documentation than are enumerated in paragraph (a)(13) of the Rights in Technical Data--Noncommercial Items clause of this contract.

(ii) Any rights so negotiated shall be identified in a license agreement made part of this contract.

(5) Prior government rights. Computer software or computer software documentation that will be delivered, furnished, or otherwise provided to the Government under this contract, in which the Government has previously obtained rights shall be delivered, furnished, or provided with the pre-existing rights, unless—

(i) The parties have agreed otherwise; or

(ii) Any restrictions on the Government's rights to use, modify, reproduce, release, perform, display, or disclose the data have expired or no longer apply.

(6) Release from liability. The Contractor agrees to release the Government from liability for any release or disclosure of computer software made in accordance with paragraph (a)(14) or (b)(2)(iii) of this clause, in accordance with the terms of a license negotiated under paragraph (b)(4) of this clause, or by others to whom the recipient has released or disclosed the software, and to seek relief solely from the party who has improperly used, modified, reproduced, released, performed, displayed, or disclosed Contractor software marked with restrictive legends.

(c) *Rights in derivative computer software or computer software documentation*. The Government shall retain its rights in the unchanged portions of any computer software or computer software documentation delivered under this contract that the Contractor uses to prepare, or includes in, derivative computer software or computer software documentation.

(d) *Third party copyrighted computer software or computer software documentation*. The Contractor shall not, without the written approval of the Contracting Officer, incorporate any copyrighted computer software or computer software documentation in the software or documentation to be delivered under this contract unless the Contractor is the copyright owner or has obtained for the Government the license rights necessary to perfect a license or licenses in the deliverable software or documentation of the appropriate scope set forth in paragraph (b) of this clause, and prior to delivery of such—

(1) Computer software, has provided a statement of the license rights obtained in a form acceptable to the Contracting Officer; or

(2) Computer software documentation, has affixed to the transmittal document a statement of the license rights obtained.

(e) *Identification and delivery of computer software and computer software documentation to be furnished with restrictions on use, release, or disclosure*.

(1) This paragraph does not apply to restrictions based solely on copyright.

(2) Except as provided in paragraph (e)(3) of this clause, computer software that the Contractor asserts should be furnished to the Government with restrictions on use, release, or disclosure is identified in an attachment to this contract (the Attachment). The Contractor shall not deliver any software with restrictive markings unless the software is listed on the Attachment.

(3) In addition to the assertions made in the Attachment, other assertions may be identified after award when based on new information or inadvertent omissions unless the inadvertent omissions would have materially affected the source selection decision. Such identification and assertion shall be submitted to the Contracting Officer as soon as practicable prior to the scheduled date for delivery of the software, in the following format, and signed by an official authorized to contractually obligate the Contractor:

Identification and Assertion of Restrictions on the Government's Use, Release, or Disclosure of Computer Software.

The Contractor asserts for itself, or the persons identified below, that the Government's rights to use, release, or disclose the following computer software should be restricted:

Computer Software			Name of Person
to be Furnished	Basis for	Asserted Rights	Asserting
With Restrictions*	Assertion**	Category***	Restrictions****
(LIST)	(LIST)	(LIST)	(LIST)

\*Generally, development at private expense, either exclusively or partially, is the only basis for asserting restrictions on the Government's rights to use, release, or disclose computer software.

\*\*Indicate whether development was exclusively or partially at private expense. If development was not at private expense, enter the specific reason for asserting that the Government's rights should be restricted.

\*\*\*Enter asserted rights category (e.g., restricted or government purpose rights in computer software, government purpose license rights from a prior contract, rights in SBIR software generated under another contract, or specifically negotiated licenses).

\*\*\*\*Corporation, individual, or other person, as appropriate.

Date \_\_\_\_\_  
 Printed Name and Title \_\_\_\_\_  
 \_\_\_\_\_  
 Signature \_\_\_\_\_

(End of identification and assertion)

(4) When requested by the Contracting Officer, the Contractor shall provide sufficient information to enable the Contracting Officer to evaluate the Contractor's assertions. The Contracting Officer reserves the right to add the Contractor's assertions to the Attachment and validate any listed assertion, at a later date, in accordance with the procedures of the Validation of Asserted Restrictions—Computer Software clause of this contract.

(f) *Marking requirements.* The Contractor, and its subcontractors or suppliers, may only assert restrictions on the Government's rights to use, modify, reproduce, release, perform, display, or disclose computer software by marking the deliverable software or documentation subject to restriction. Except as provided in paragraph (f)(5) of this clause, only the following legends are authorized under this contract: the government purpose rights legend at paragraph (f)(2) of this clause; the restricted rights legend at paragraph (f)(3) of this clause; or the special license rights legend at paragraph (f)(4) of this clause; and/or a notice of copyright as prescribed under 17 U.S.C. 401 or 402.

(1) General marking instructions. The Contractor, or its subcontractors or suppliers, shall conspicuously and legibly mark the appropriate legend on all computer software that qualify for such markings. The authorized legends shall be placed on the transmittal document or software storage container and each page, or portions thereof, of printed material containing computer software for which restrictions are asserted. Computer software transmitted directly from one computer or computer terminal to another shall contain a notice of asserted restrictions. However, instructions that interfere with or delay the operation of computer software in order to display a restrictive rights legend or other license statement at any time prior to or during use of the computer software, or otherwise cause such interference or delay, shall not be inserted in software that will or might be used in combat or situations that simulate combat conditions, unless the Contracting Officer's written permission to deliver such software has been obtained prior to delivery. Reproductions of computer software or any portions thereof subject to asserted restrictions, shall also reproduce the asserted restrictions.

(2) Government purpose rights markings. Computer software delivered or otherwise furnished to the

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Government with government purpose rights shall be marked as follows:

#### GOVERNMENT PURPOSE RIGHTS

Contract No. N00178-04-D-4080-M803  
Contractor Name ManTech Systems Engineering Corporation  
Contractor Address 46610 Expedition Drive, Suite 101  
Lexington Park, MD 20653  
Expiration Date

The Government's rights to use, modify, reproduce, release, perform, display, or disclose this software are restricted by paragraph (b)(2) of the Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation clause contained in the above identified contract. No restrictions apply after the expiration date shown above. Any reproduction of the software or portions thereof marked with this legend must also reproduce the markings.

(End of legend)

(3) Restricted rights markings. Software delivered or otherwise furnished to the Government with restricted rights shall be marked with the following legend:

#### RESTRICTED RIGHTS

Contract No. N00178-04-D-4080-M803  
Contractor Name ManTech Systems Engineering Corporation  
Contractor Address 46610 Expedition Drive, Suite 101  
Lexington Park, MD 20653

The Government's rights to use, modify, reproduce, release, perform, display, or disclose this software are restricted by paragraph (b)(3) of the Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation clause contained in the above identified contract. Any reproduction of computer software or portions thereof marked with this legend must also reproduce the markings. Any person, other than the Government, who has been provided access to such software must promptly notify the above named Contractor.

(End of legend)

(4) Special license rights markings.

(i) Computer software or computer software documentation in which the Government's rights stem from a specifically negotiated license shall be marked with the following legend:

#### SPECIAL LICENSE RIGHTS

The Government's rights to use, modify, reproduce, release, perform, display, or disclose these data are restricted by Contract No. \_\_\_\_ (Insert contract number) \_\_\_\_, License No. \_\_\_\_ (Insert license identifier) \_\_\_\_. Any reproduction of computer software, computer software documentation, or portions thereof marked with this legend must also reproduce the markings.

(End of legend)

(ii) For purposes of this clause, special licenses do not include government purpose license rights acquired under a prior contract (see paragraph (b)(5) of this clause).

(5) Pre-existing markings. If the terms of a prior contract or license permitted the Contractor to

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restrict the Government's rights to use, modify, release, perform, display, or disclose computer software or computer software documentation and those restrictions are still applicable, the Contractor may mark such software or documentation with the appropriate restrictive legend for which the software qualified under the prior contract or license. The marking procedures in paragraph (f)(1) of this clause shall be followed.

(g) *Contractor procedures and records.* Throughout performance of this contract, the Contractor and its subcontractors or suppliers that will deliver computer software or computer software documentation with other than unlimited rights, shall—

(1) Have, maintain, and follow written procedures sufficient to assure that restrictive markings are used only when authorized by the terms of this clause; and

(2) Maintain records sufficient to justify the validity of any restrictive markings on computer software or computer software documentation delivered under this contract.

(h) *Removal of unjustified and nonconforming markings.*

(1) Unjustified computer software or computer software documentation markings. The rights and obligations of the parties regarding the validation of restrictive markings on computer software or computer software documentation furnished or to be furnished under this contract are contained in the Validation of Asserted Restrictions--Computer Software and the Validation of Restrictive Markings on Technical Data clauses of this contract, respectively. Notwithstanding any provision of this contract concerning inspection and acceptance, the Government may ignore or, at the Contractor's expense, correct or strike a marking if, in accordance with the procedures of those clauses, a restrictive marking is determined to be unjustified.

(2) Nonconforming computer software or computer software documentation markings. A nonconforming marking is a marking placed on computer software or computer software documentation delivered or otherwise furnished to the Government under this contract that is not in the format authorized by this contract. Correction of nonconforming markings is not subject to the Validation of Asserted Restrictions--Computer Software or the Validation of Restrictive Markings on Technical Data clause of this contract. If the Contracting Officer notifies the Contractor of a nonconforming marking or markings and the Contractor fails to remove or correct such markings within sixty (60) days, the Government may ignore or, at the Contractor's expense, remove or correct any nonconforming markings.

(i) *Relation to patents.* Nothing contained in this clause shall imply a license to the Government under any patent or be construed as affecting the scope of any license or other right otherwise granted to the Government under any patent.

(j) *Limitation on charges for rights in computer software or computer software documentation.*

(1) The Contractor shall not charge to this contract any cost, including but not limited to license fees, royalties, or similar charges, for rights in computer software or computer software documentation to be delivered under this contract when—

(i) The Government has acquired, by any means, the same or greater rights in the software or documentation; or

(ii) The software or documentation are available to the public without restrictions.

(2) The limitation in paragraph (j)(1) of this clause—

(i) Includes costs charged by a subcontractor or supplier, at any tier, or costs incurred by the Contractor to acquire rights in subcontractor or supplier computer software or computer software documentation, if the subcontractor or supplier has been paid for such rights under any other Government contract or under a license conveying the rights to the Government; and

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(ii) Does not include the reasonable costs of reproducing, handling, or mailing the documents or other media in which the software or documentation will be delivered.

*(k) Applicability to subcontractors or suppliers.*

(1) Whenever any noncommercial computer software or computer software documentation is to be obtained from a subcontractor or supplier for delivery to the Government under this contract, the Contractor shall use this same clause in its subcontracts or other contractual instruments, and require its subcontractors or suppliers to do so, without alteration, except to identify the parties. No other clause shall be used to enlarge or diminish the Government's, the Contractor's, or a higher tier subcontractor's or supplier's rights in a subcontractor's or supplier's computer software or computer software documentation.

(2) The Contractor and higher tier subcontractors or suppliers shall not use their power to award contracts as economic leverage to obtain rights in computer software or computer software documentation from their subcontractors or suppliers.

(3) The Contractor shall ensure that subcontractor or supplier rights are recognized and protected in the identification, assertion, and delivery processes required by paragraph (e) of this clause.

(4) In no event shall the Contractor use its obligation to recognize and protect subcontractor or supplier rights in computer software or computer software documentation as an excuse for failing to satisfy its contractual obligation to the Government.

(End of clause)

**252.235-7010 -- Acknowledgment of Support and Disclaimer (May 1995)**

(a) The Contractor shall include an acknowledgment of the Government's support in the publication of any material based on or developed under this contract, stated in the following terms: This material is based upon work supported by NAVAIR under Contract No. N00178-04-D-4080-M803.

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

(End of Clause)

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## **SECTION J LIST OF ATTACHMENTS**

Attachment 1 - Quality Assurance Surveillance Program (QASP)

Attachment 2 - Contracting Officer Representative (COR) Designation Letter  
Alternate Contracting Officer Representative (ACOR) Designation Letter

Attachment 3 - DD Form 254 and STILO Memo dated 03 Mar 09

Attachment 4 - System Authorization Access Request (SAAR), DD Form 2875

Attachment 5 - Wage Determination WD 05-2103 (Rev.-13), dated 06/19/2013

Attachment 6 - Organizational Conflict of Interest (OCI) List

Attachment 7 - NMCI Requisition Approval Form

Attachment 8 - NAVAIR Processes and Procedures for Direct Funded Contracts (DFCs) requiring  
Navy Marine Corps Intranet (NMCI) access

Attachment 9 - Task Order Ceiling Spreadsheet

Exhibit A - CDRLs A001-A006